

Program PLOTTAB  
(Version 2015-1)

by

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(Present Contact Information)

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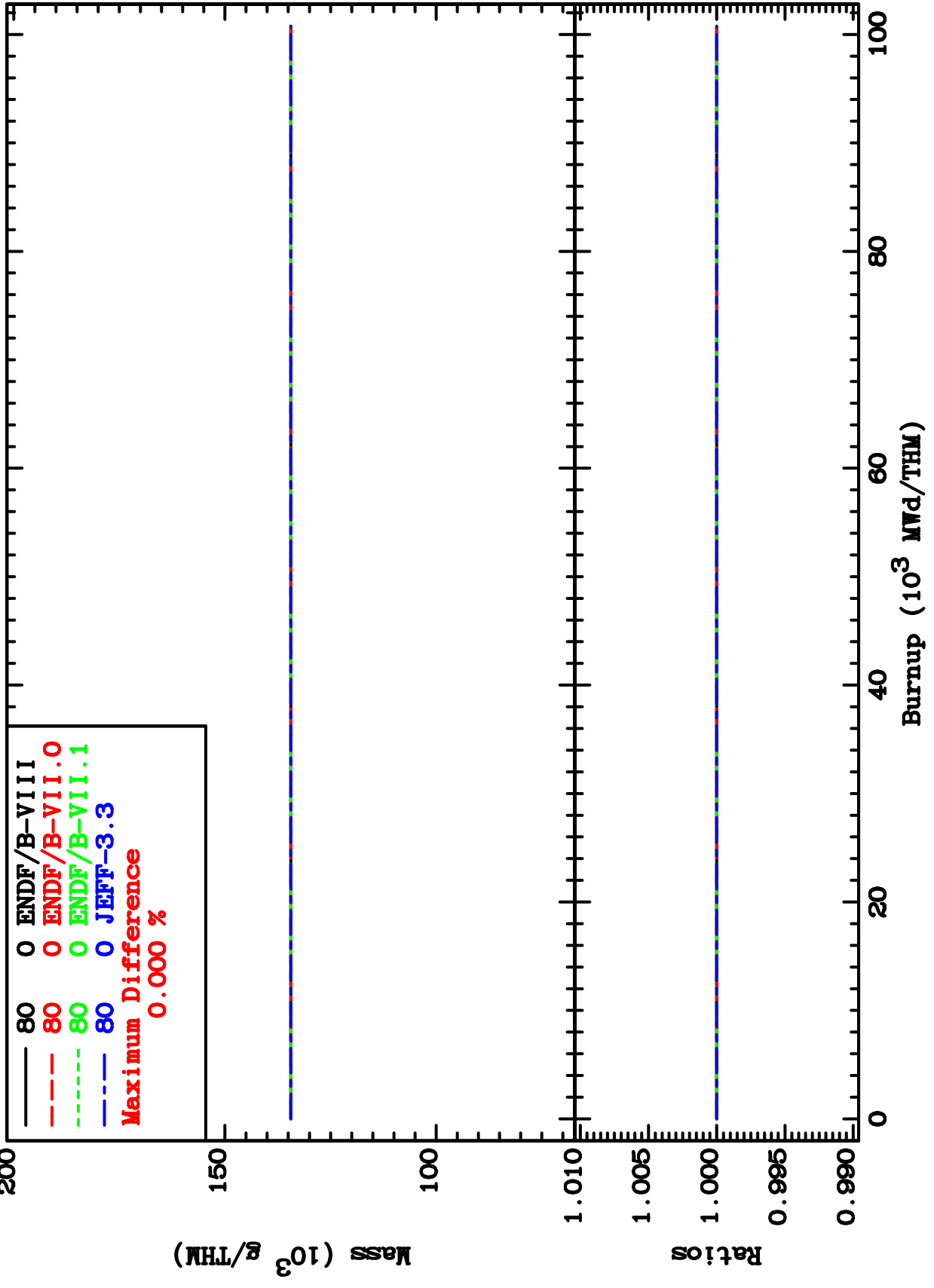
Tele: 925-443-1911

E. Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

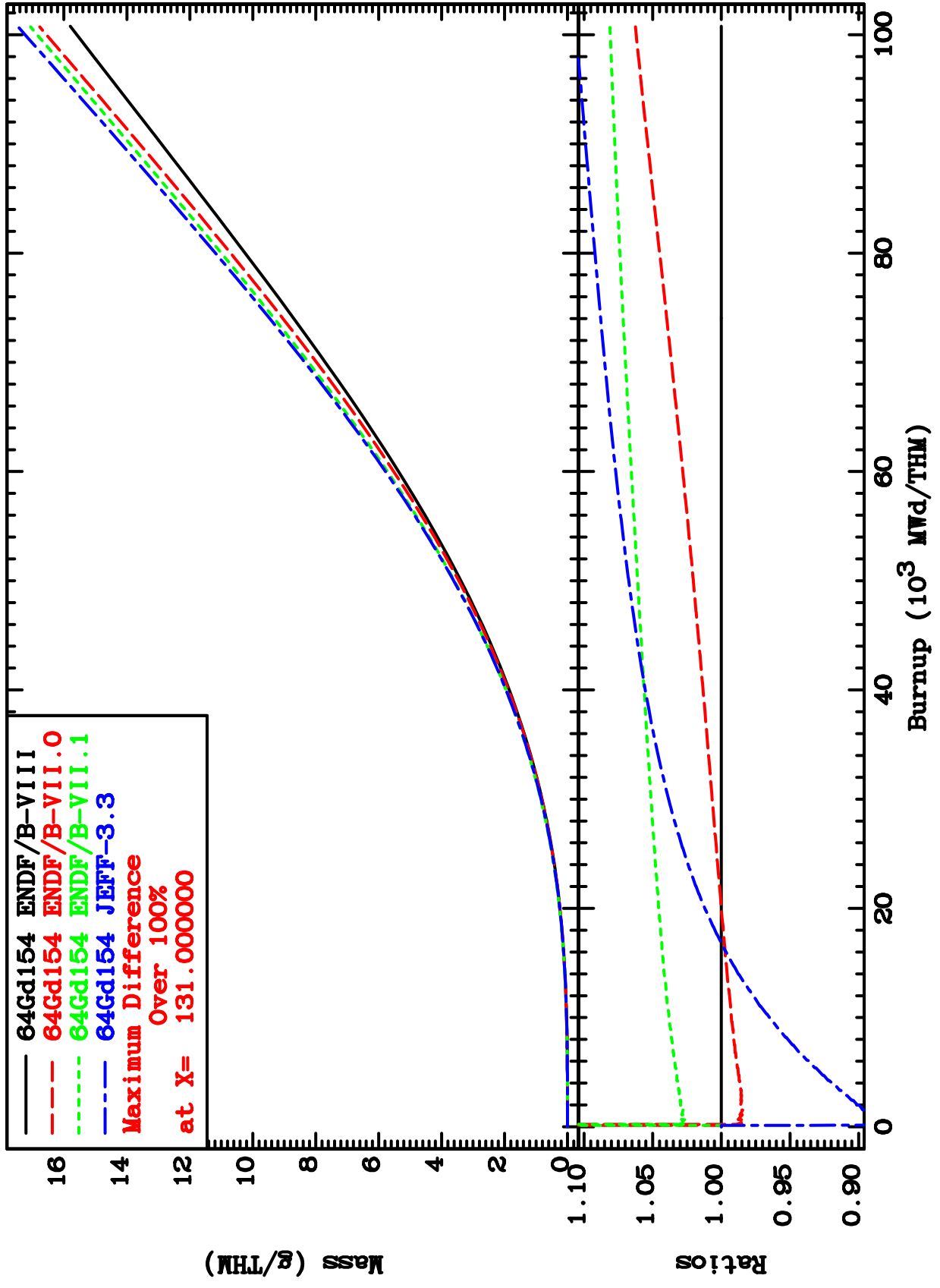
Web: [home.comcast.net/~redcullen1](http://home.comcast.net/~redcullen1)

Press Any MOUSE Key to Start

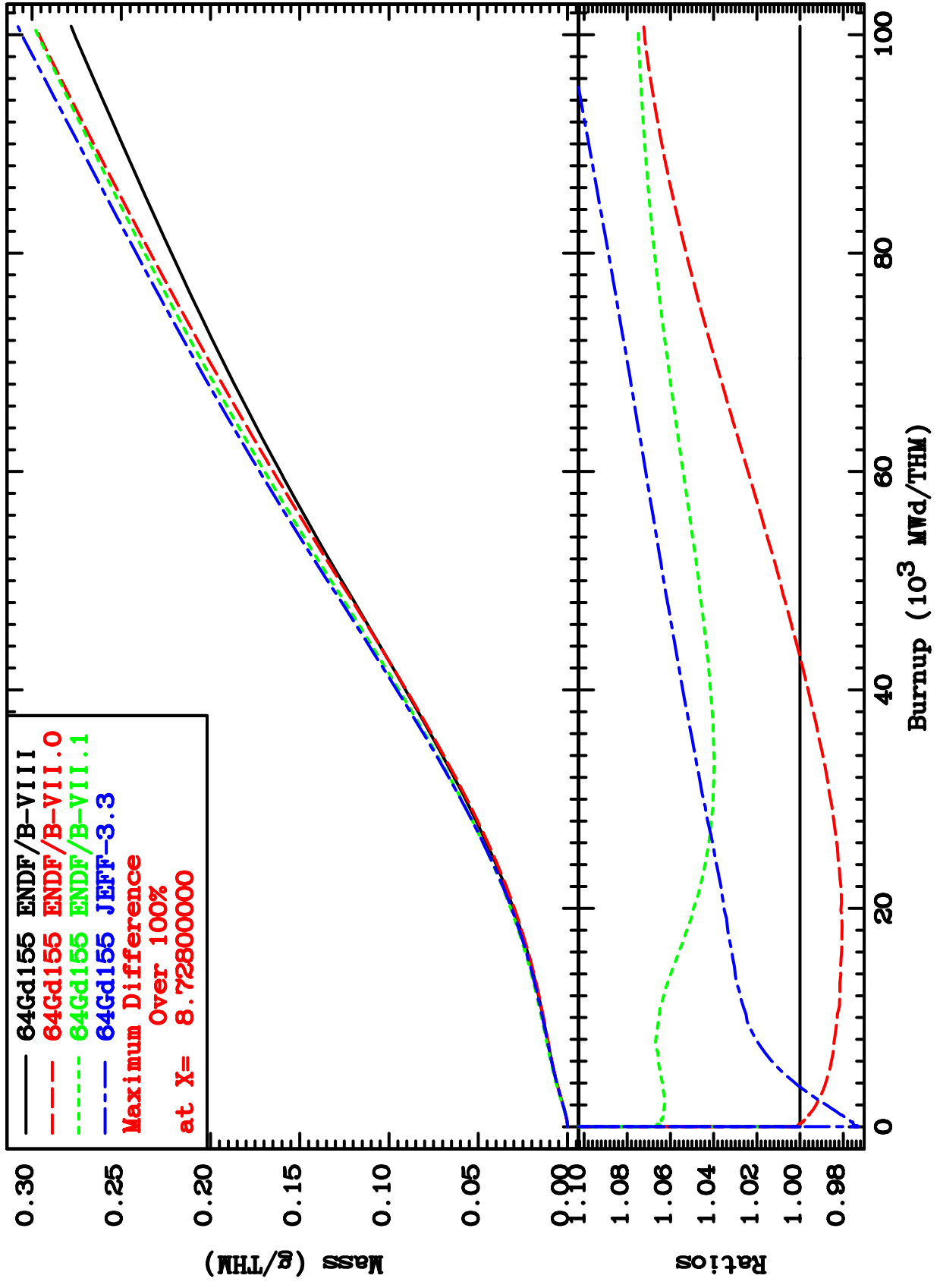
Mass of 8-0 - 0 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



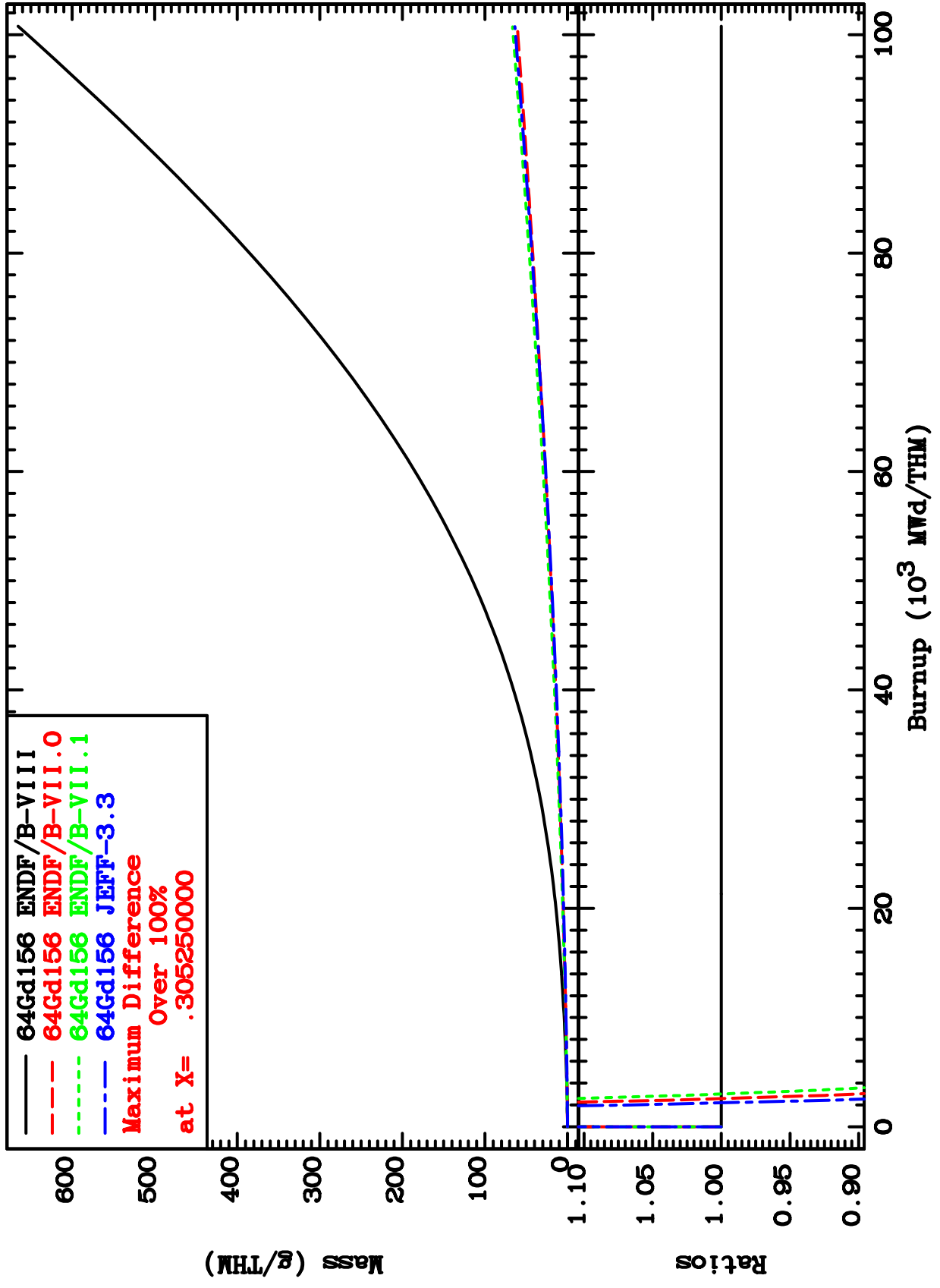
Mass of 64-Gd-154 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



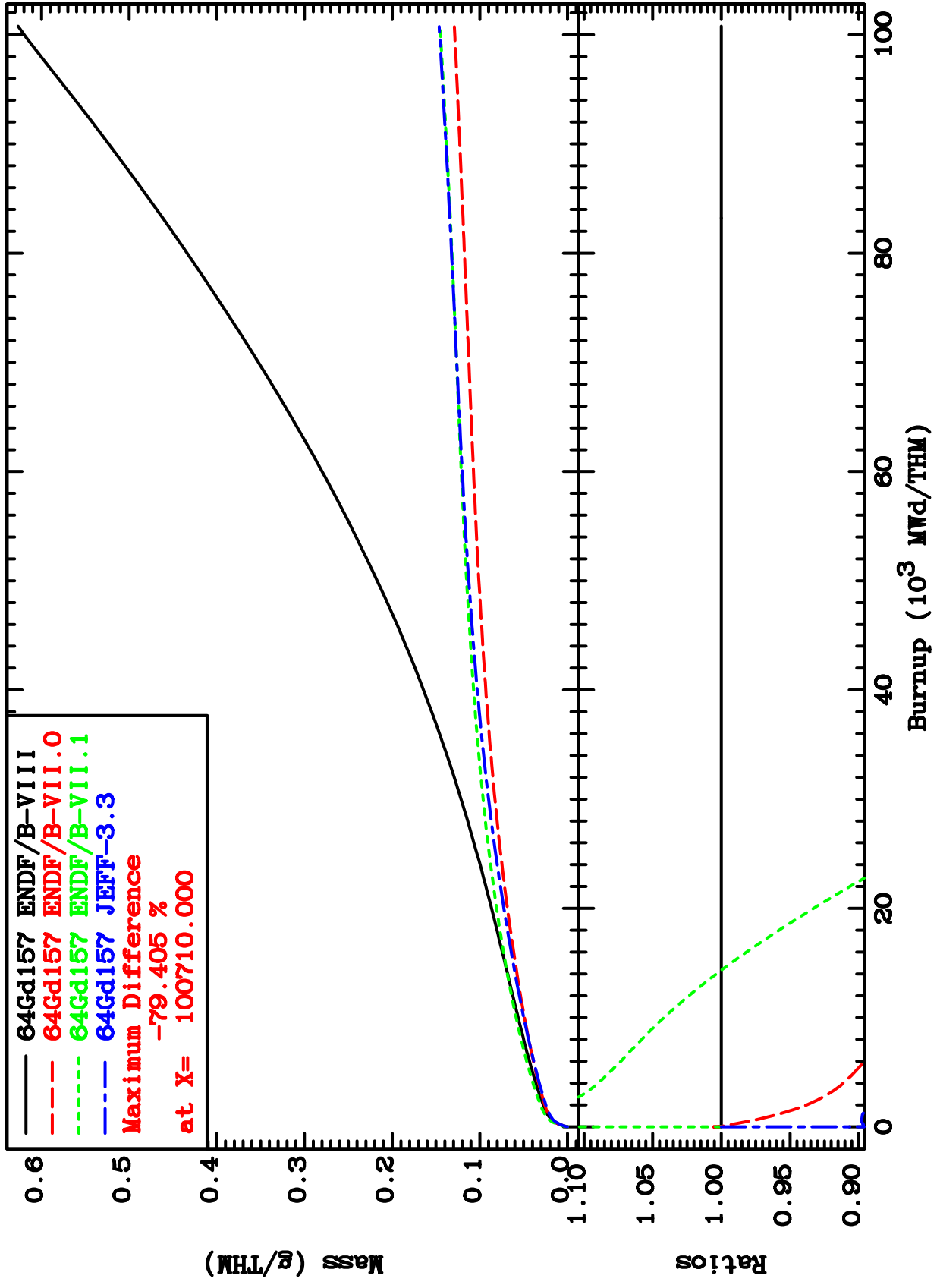
Mass of 64-Gd-155 vs Burnup in the assembly type FB - V5 E= 5.200  
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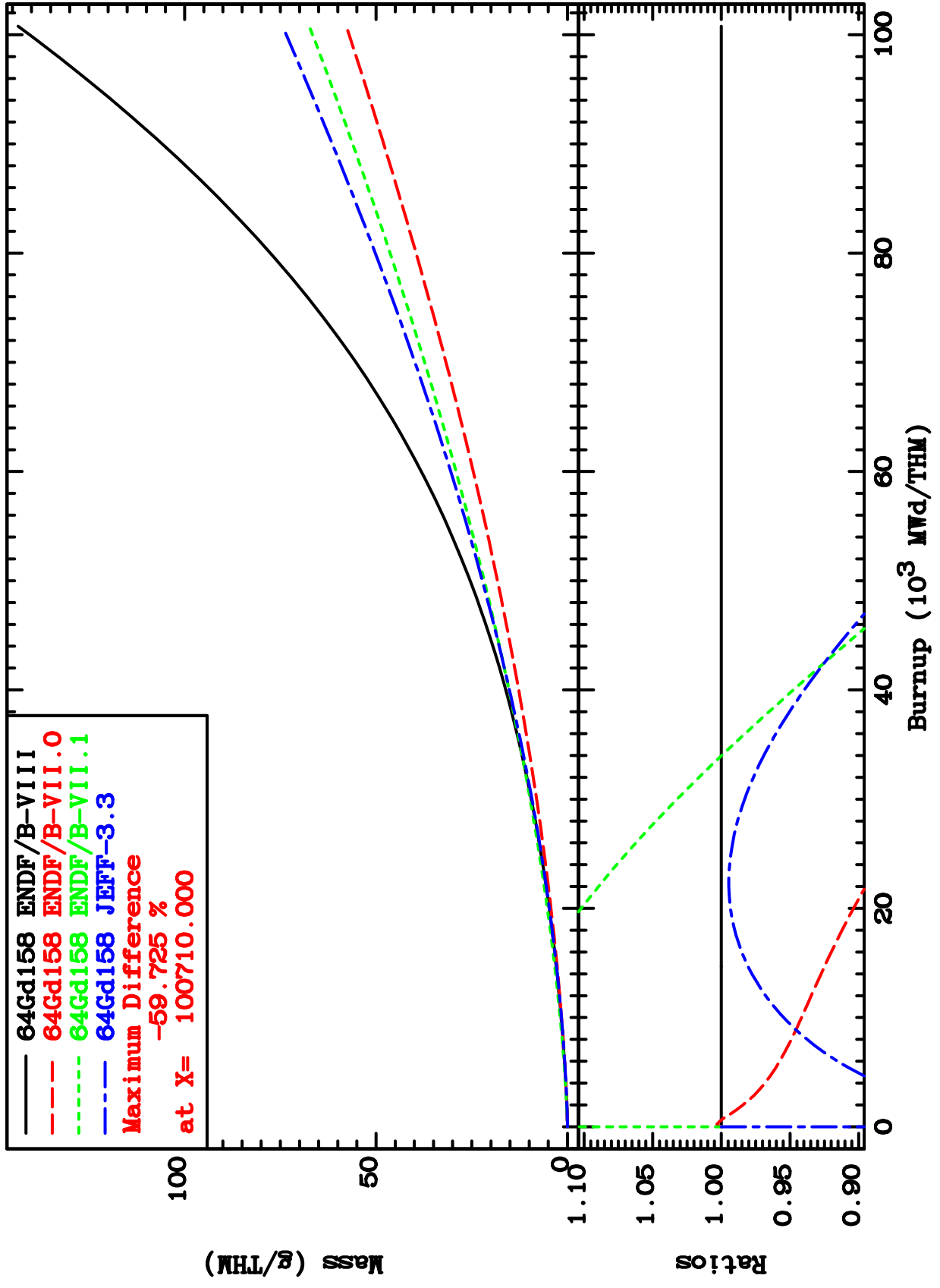
Mass of 64-Gd-156 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



Mass of 64-Gd-157 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



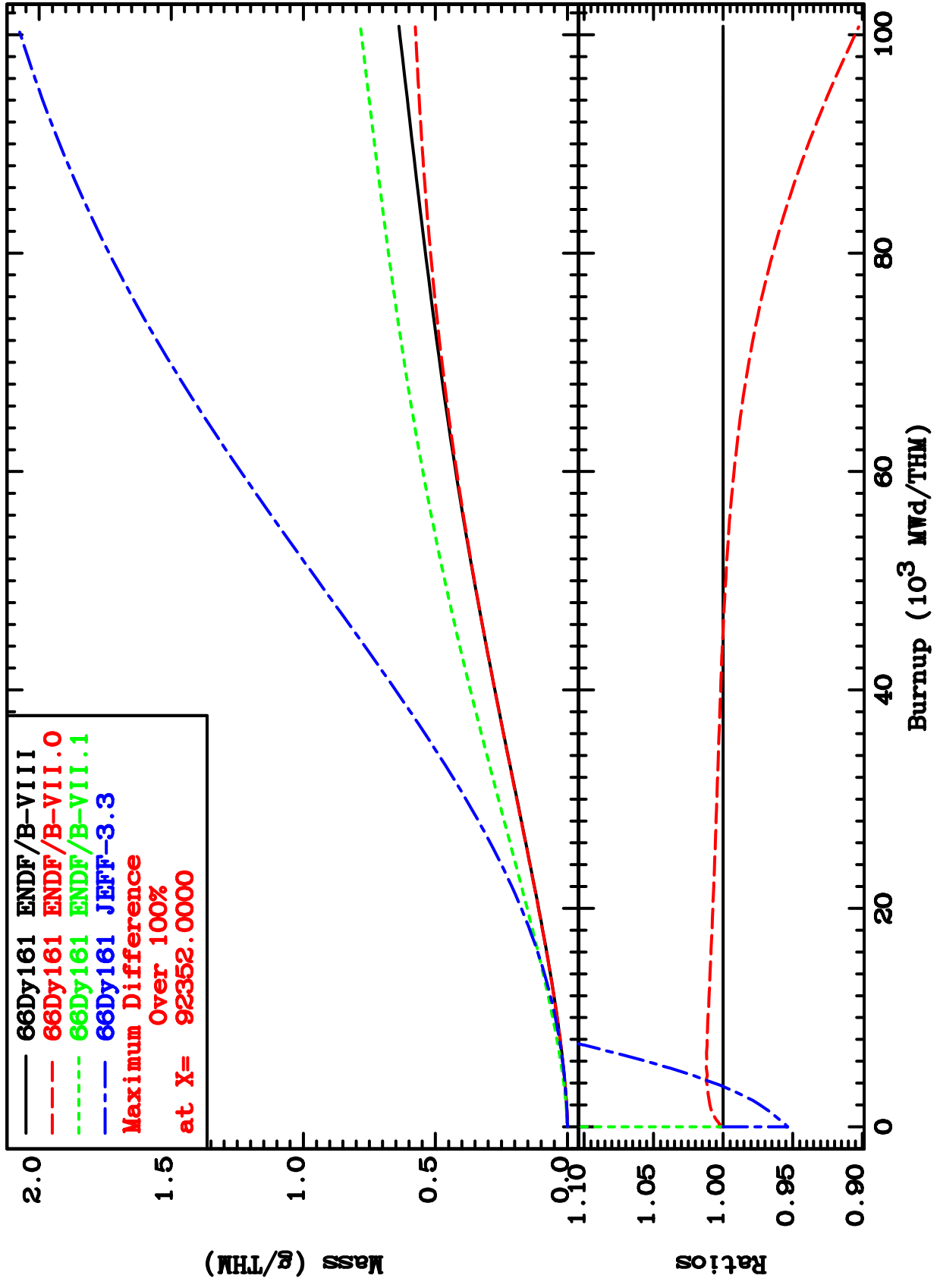
Mass of 64-Gd-158 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



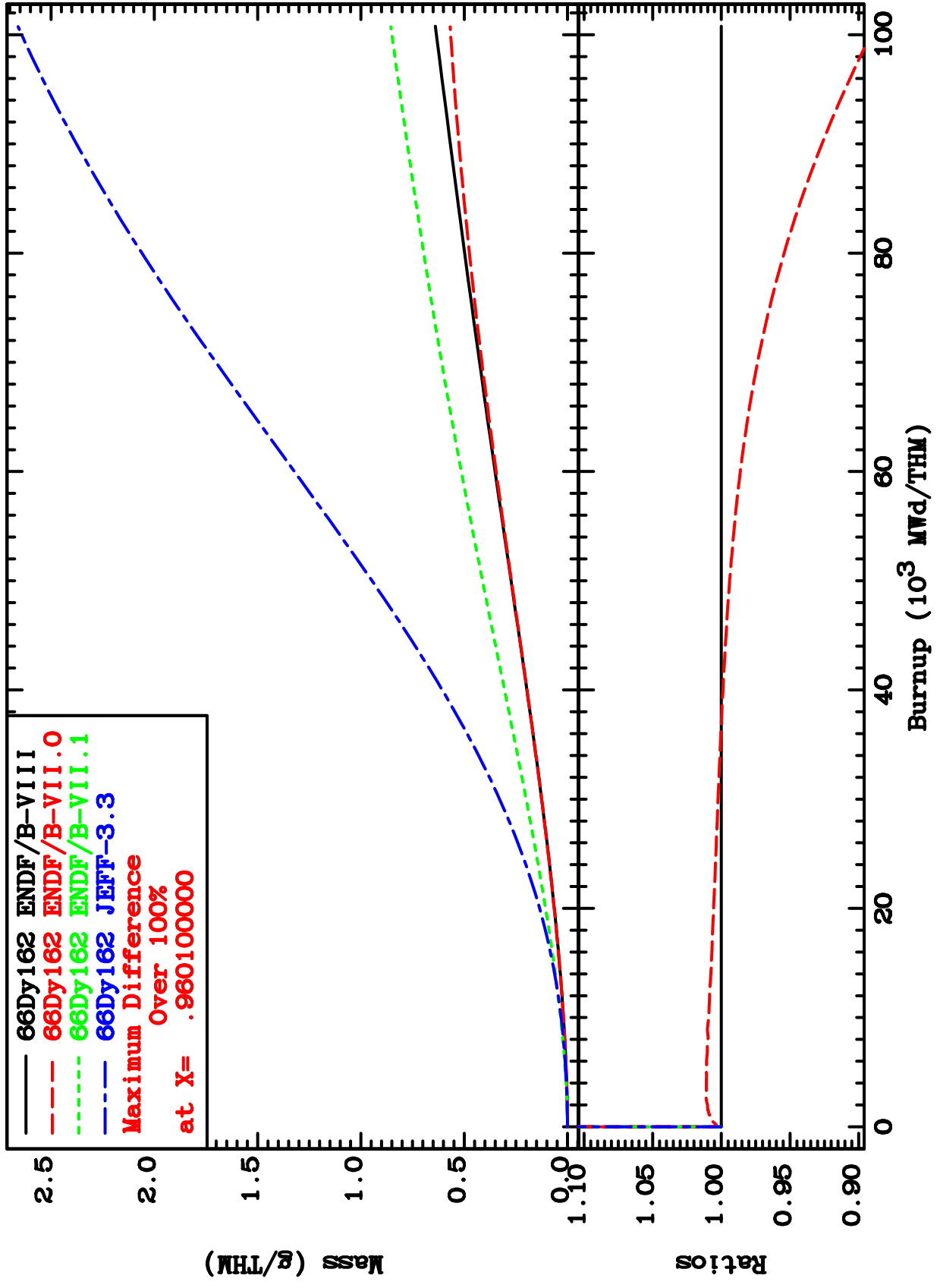




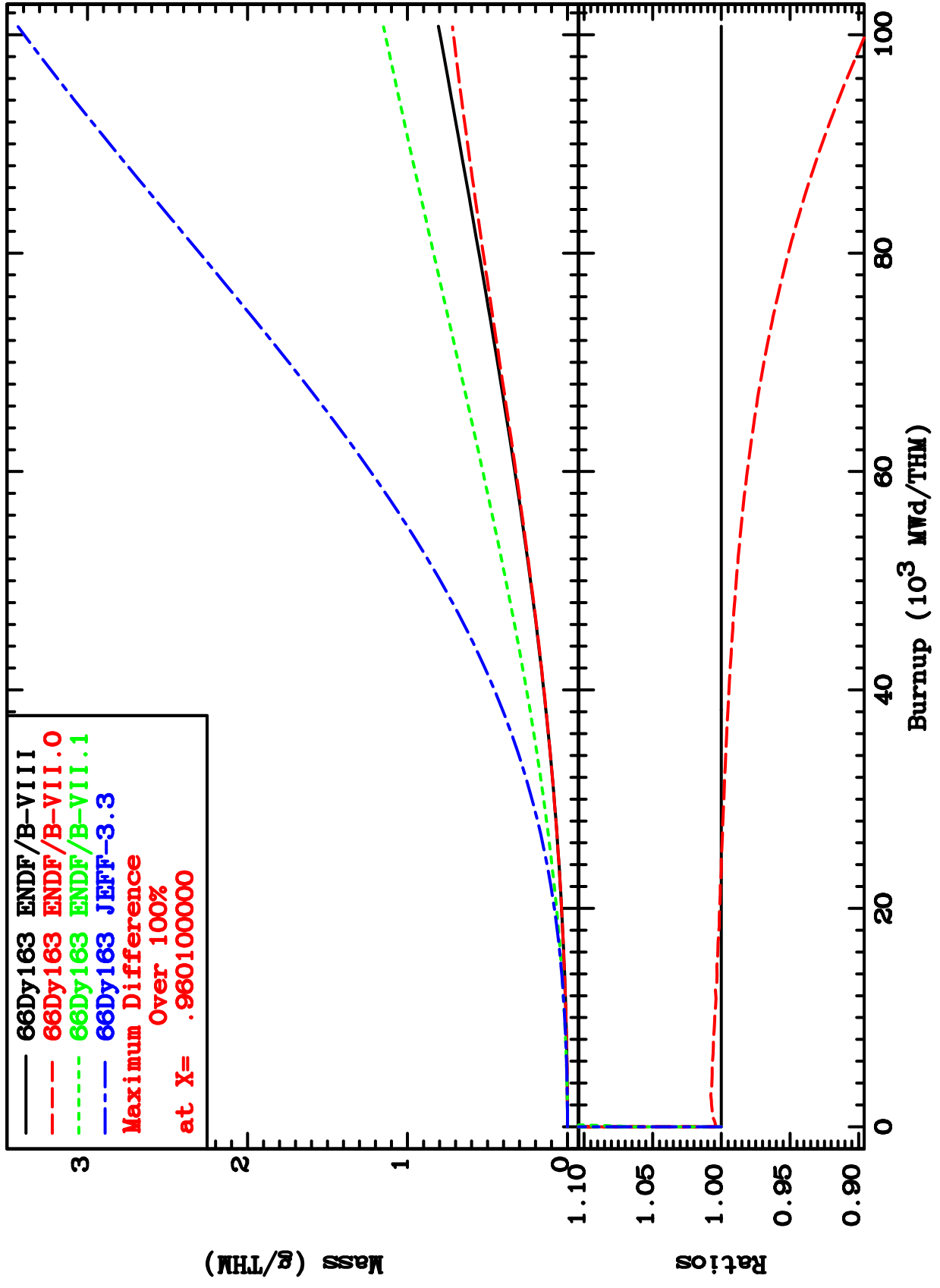
Mass of 66-Dy-161 vs Burnup in the assembly type FB - V5 E= 5.200  
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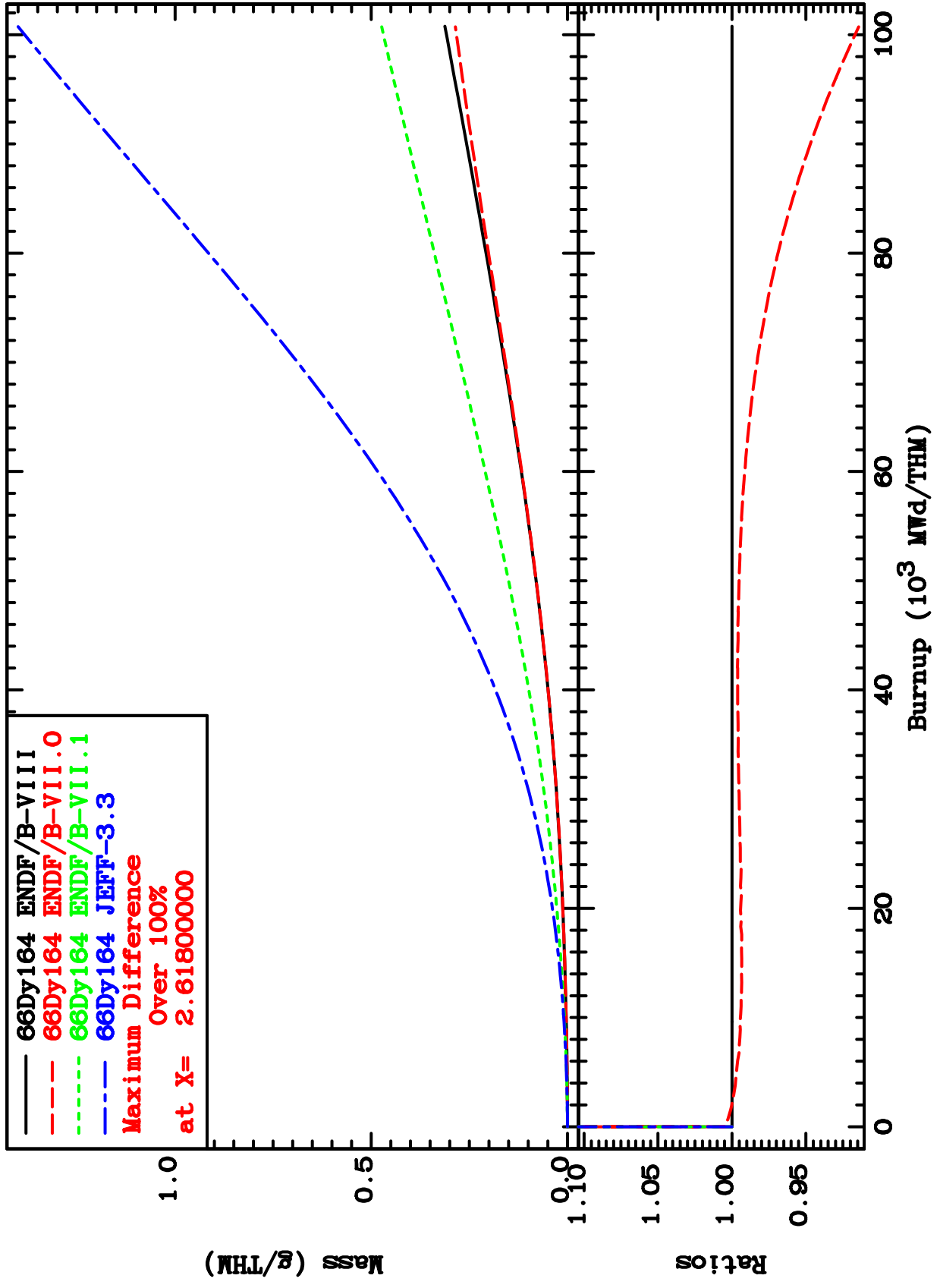
Mass of 66-Dy-162 vs Burnup in the assembly type FB - V5 E= 5.200  
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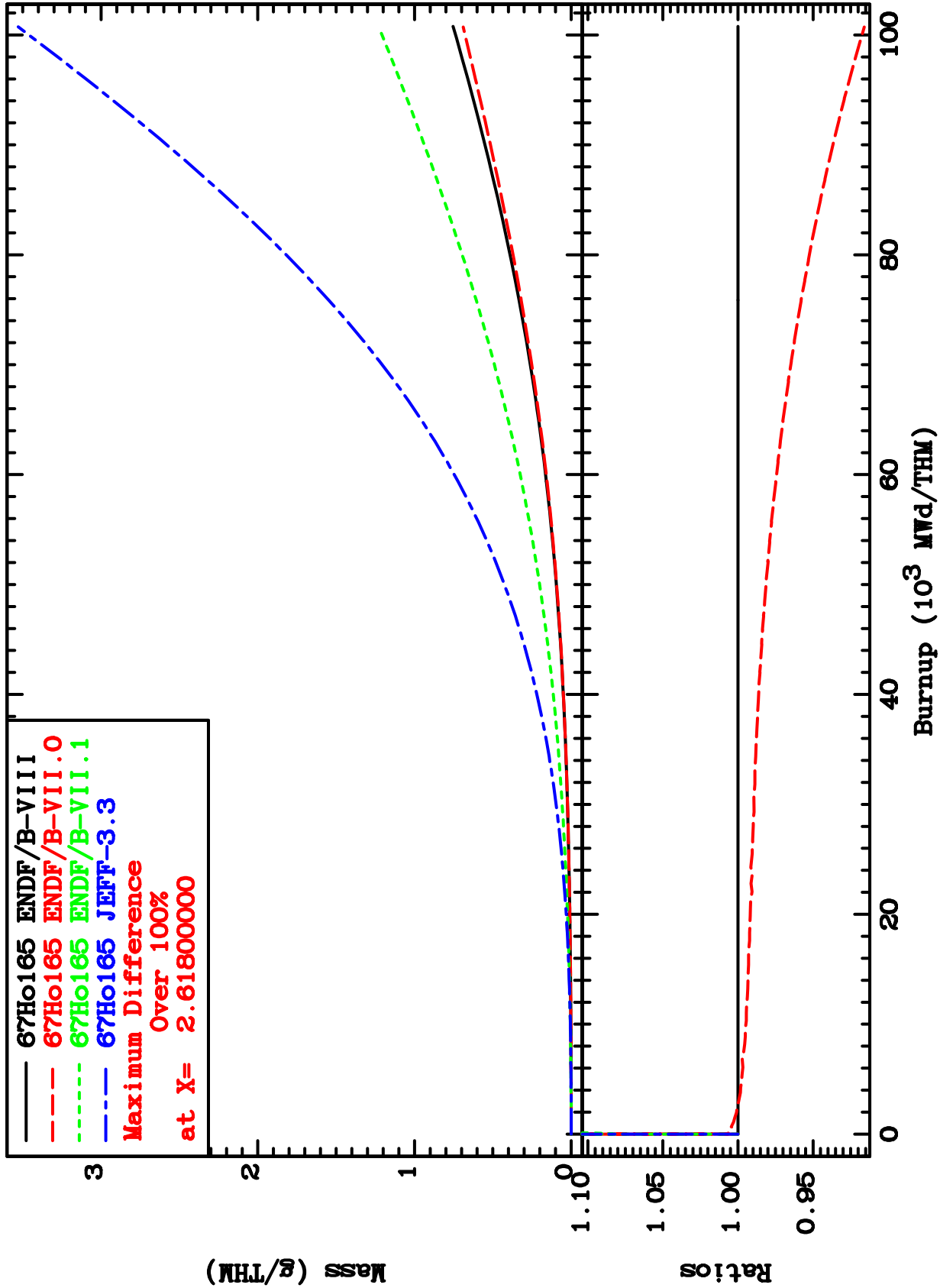
Mass of 66-Dy-163 vs Burnup in the assembly type FB - V5 E= 5.200  
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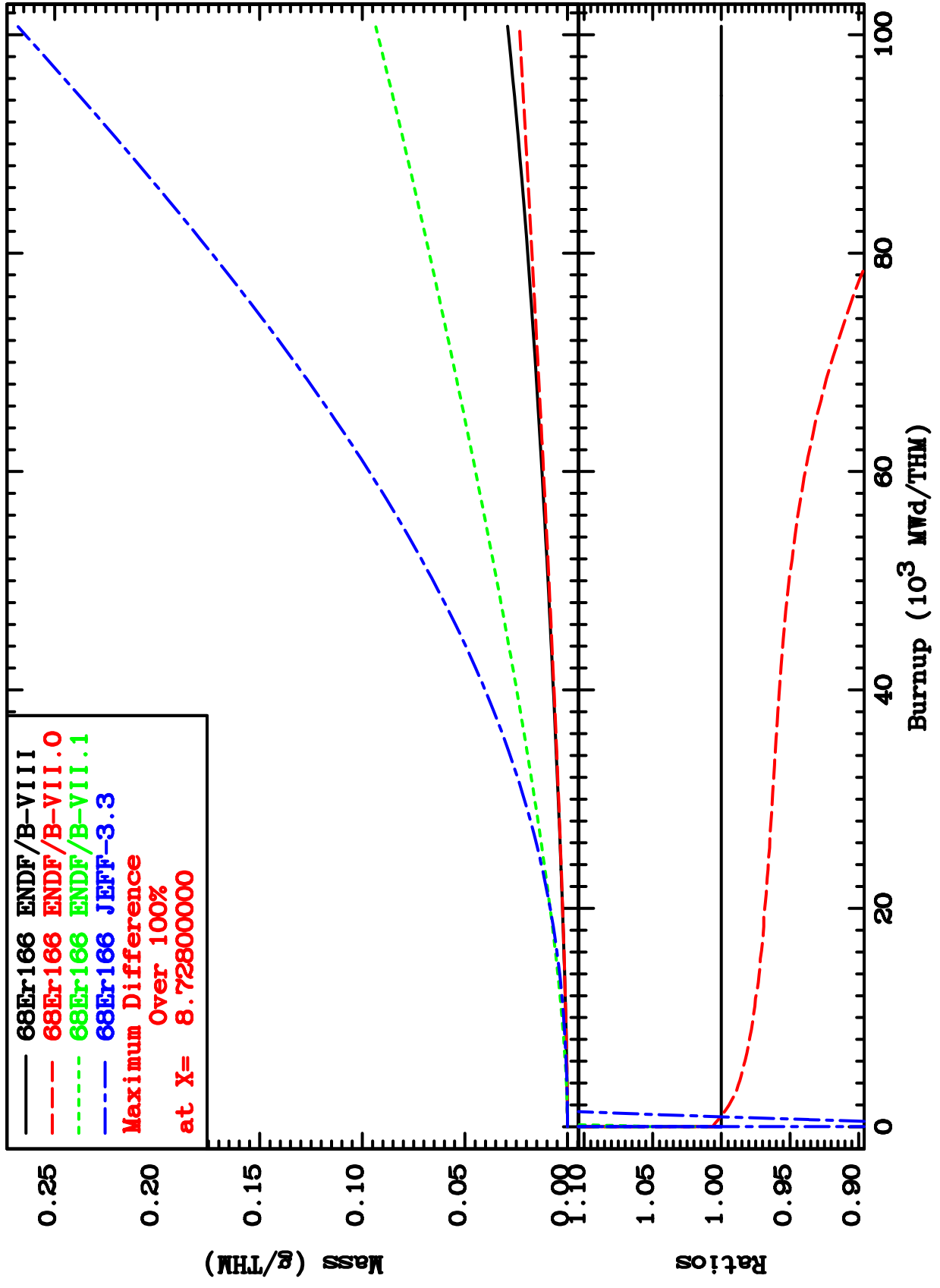
Mass of 66-Dy-164 vs Burnup in the assembly type FB - V5 E= 5.200  
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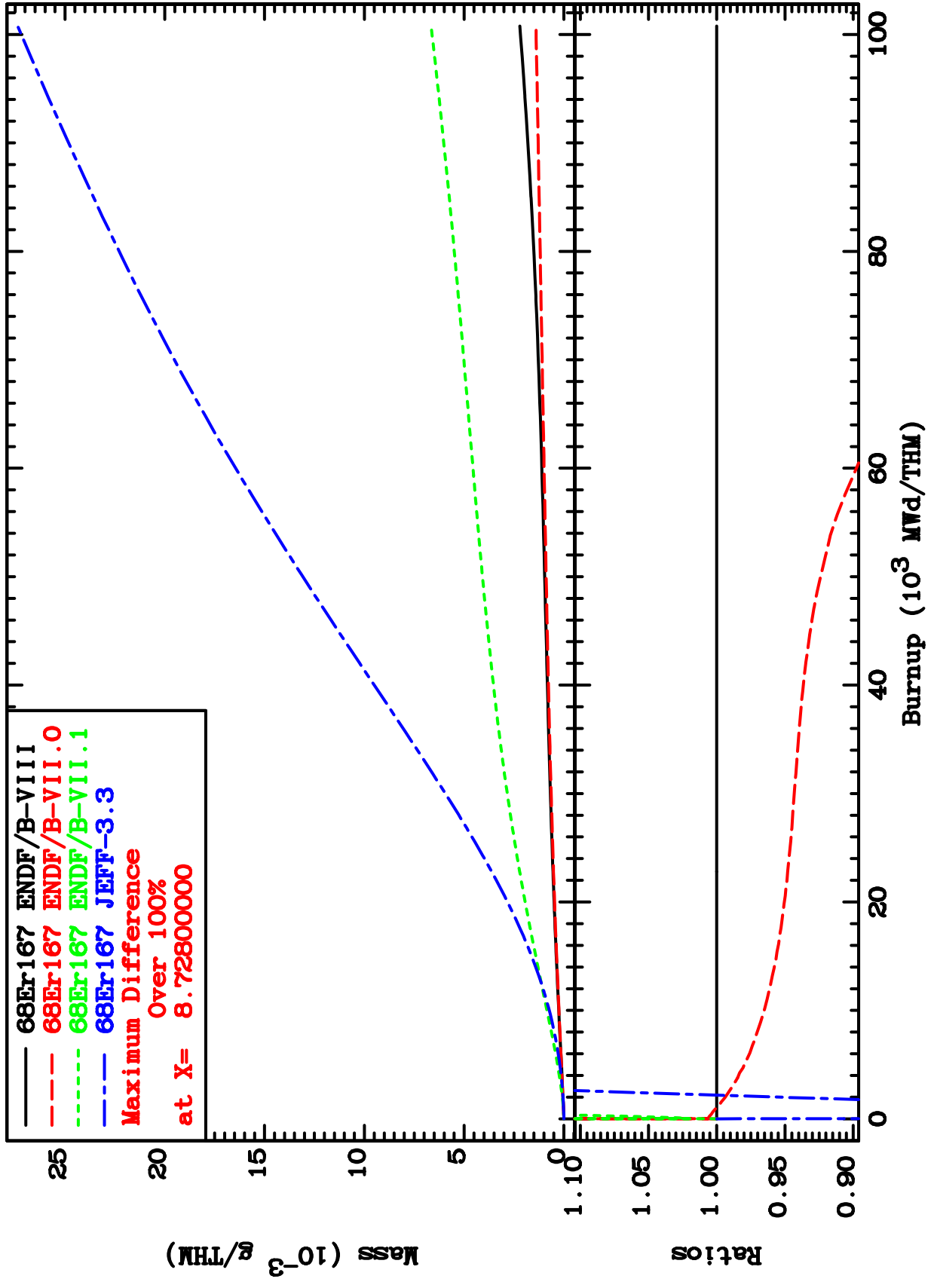
Mass of <sup>67</sup>Ho-165 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



Mass of 68Er-166 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

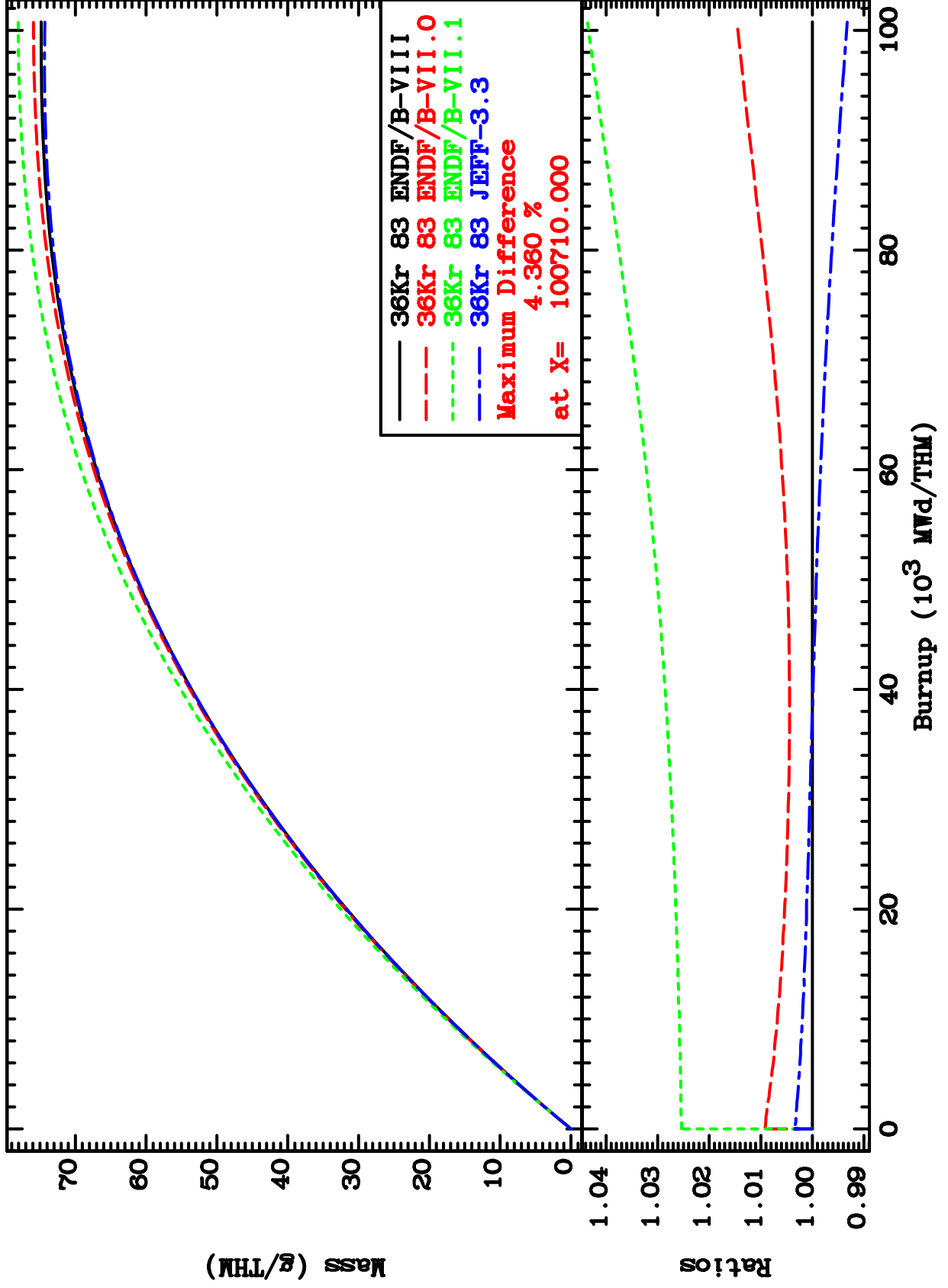


Mass of 68-Er-167 vs Burnup in the assembly type FB - V5 E= 5.200  
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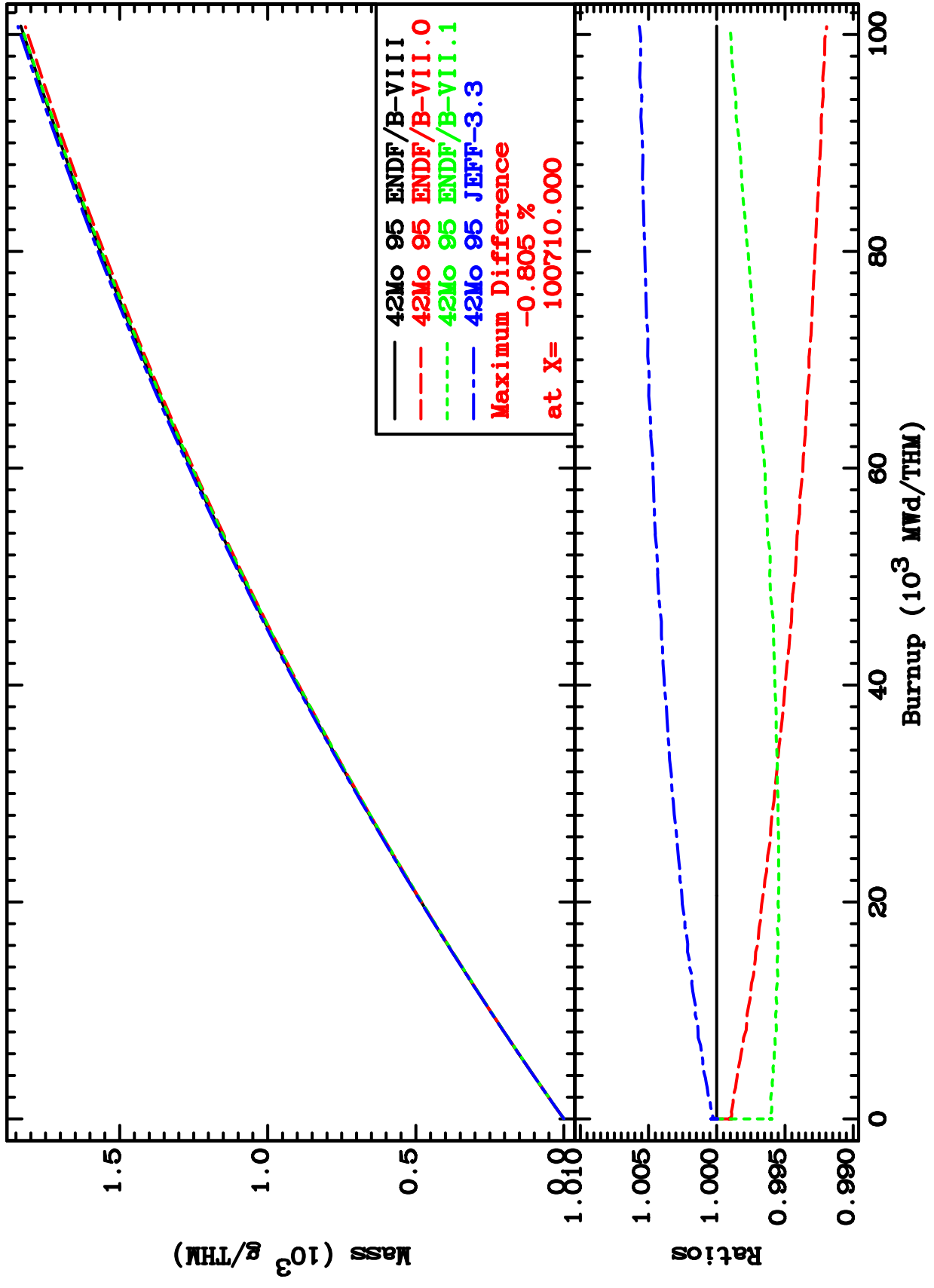
Mass of 36-Kr-83 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



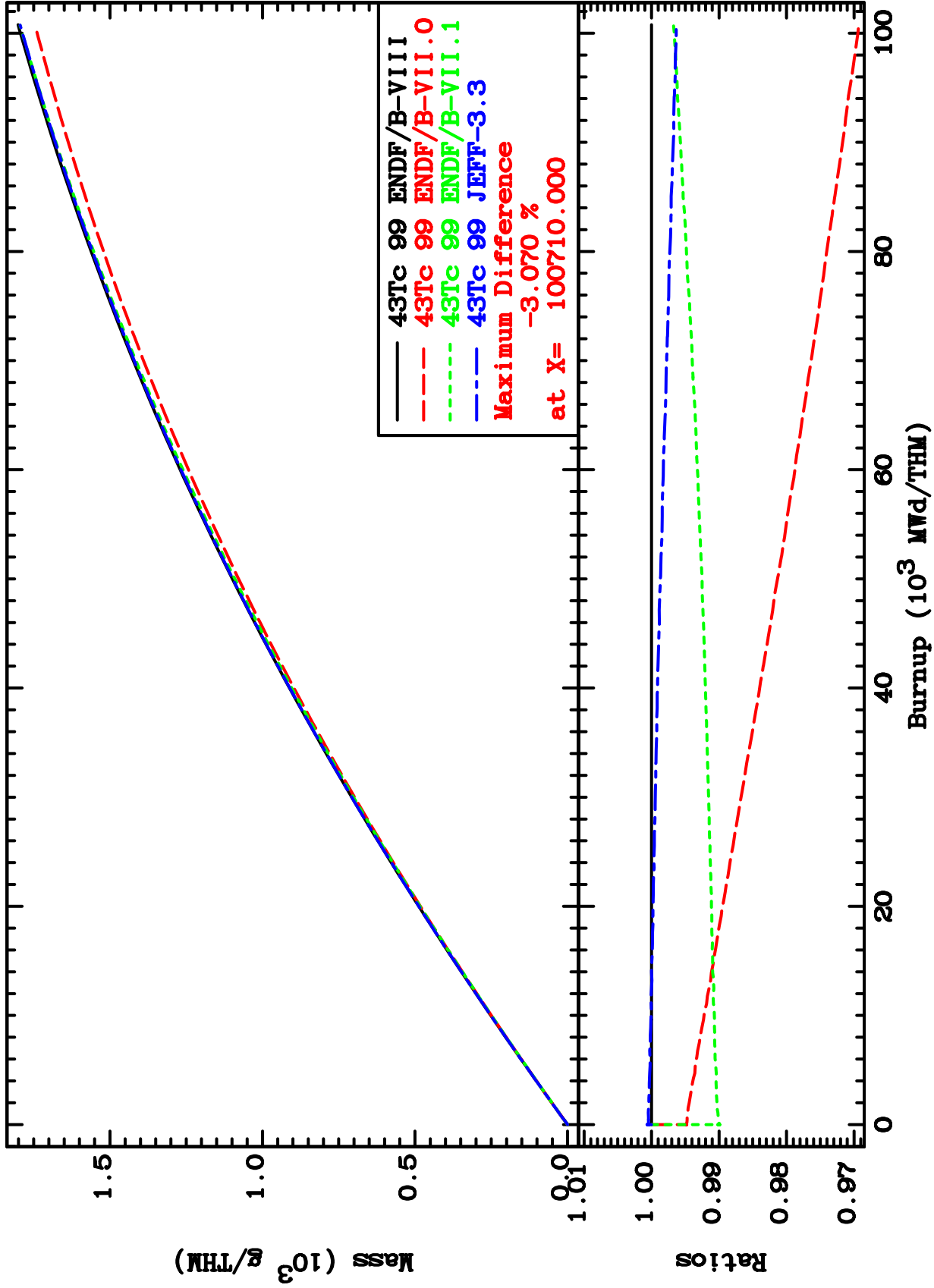


Mass of 42-Mo-95 vs Burnup in the assembly type FB - V5 E= 5.200  
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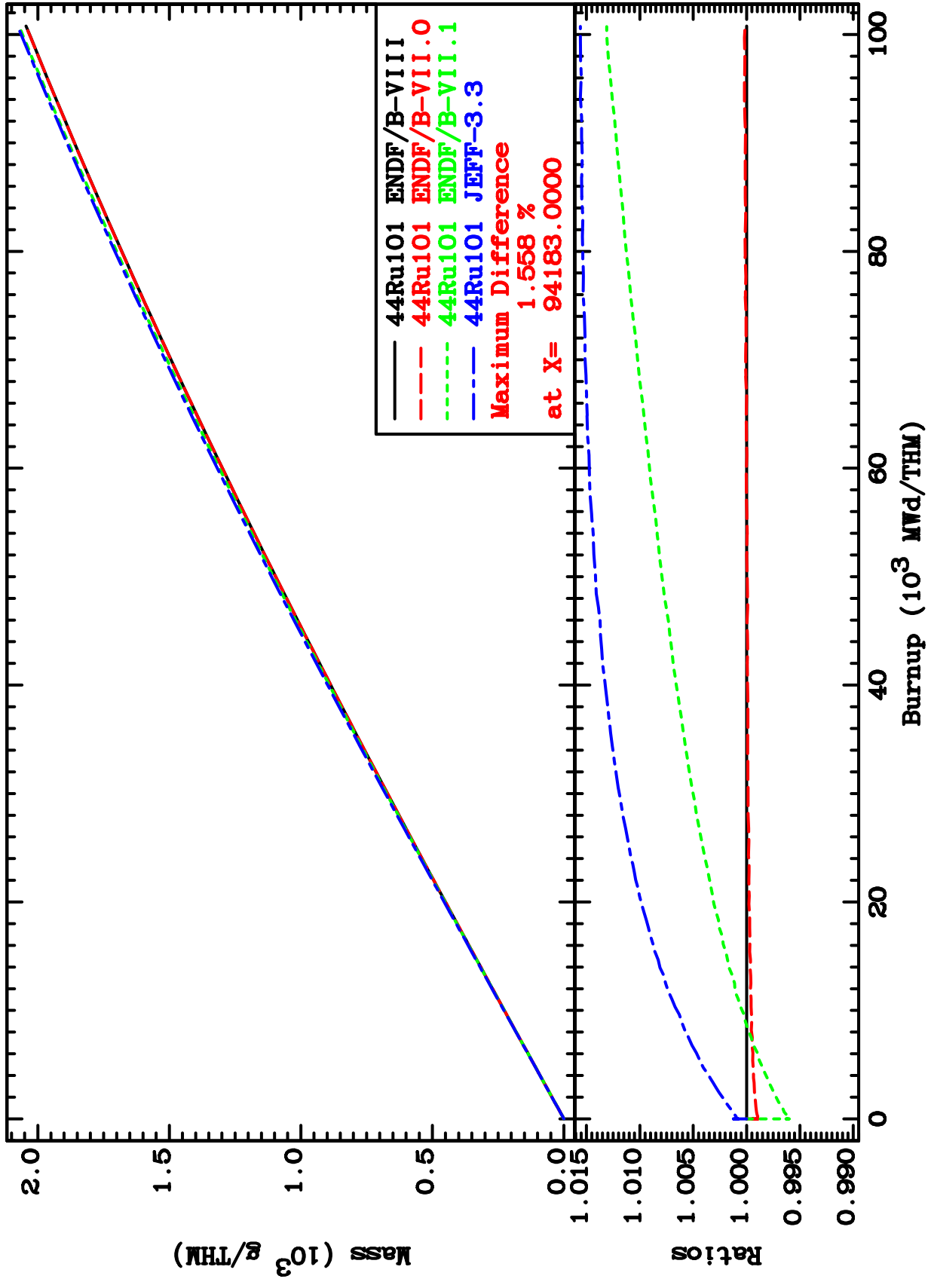


Mass of 43-Tc-99 vs Burnup in the assembly type FB - V5 E= 5.200

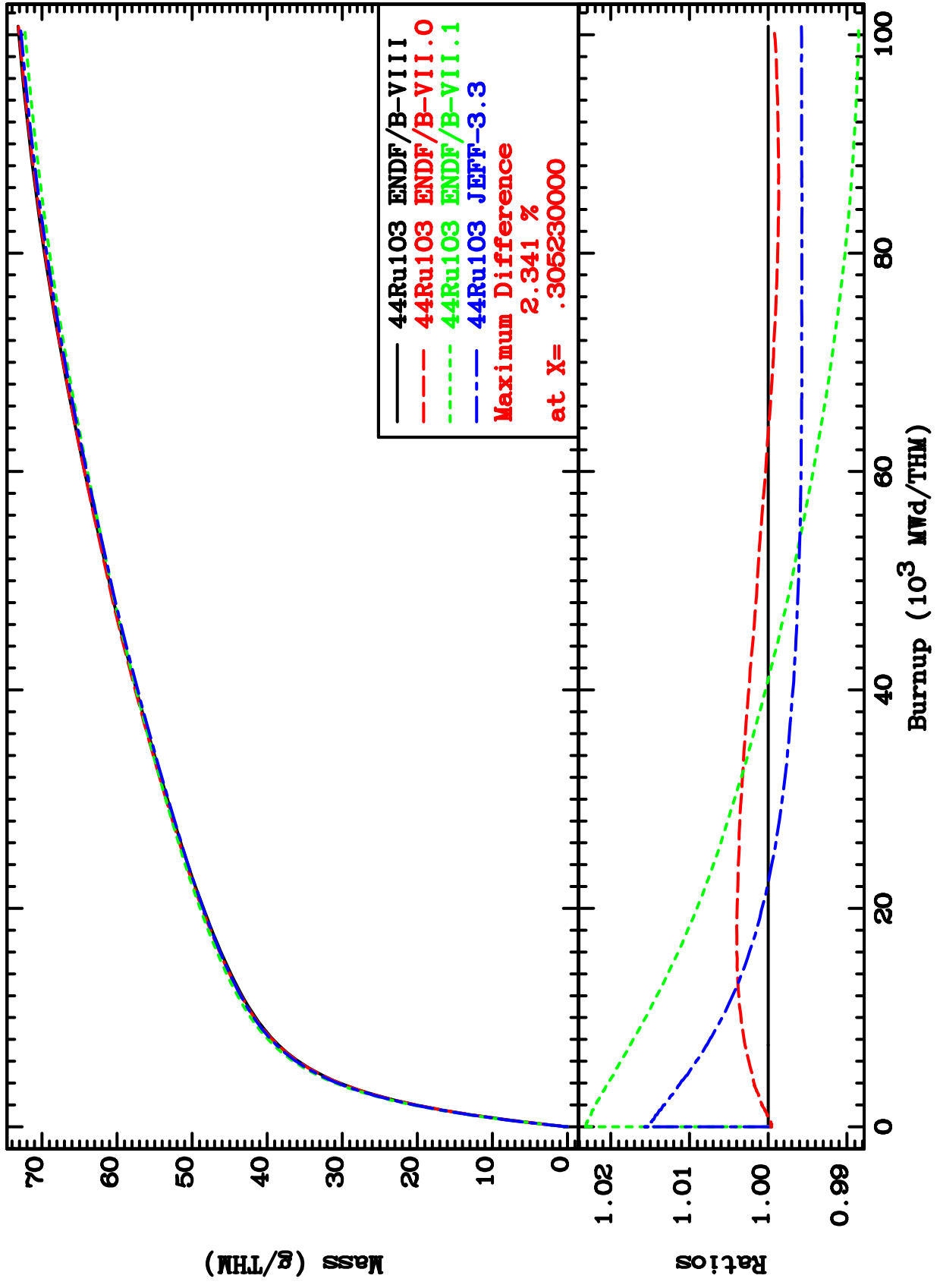
RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



Mass of 44-Ru-101 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

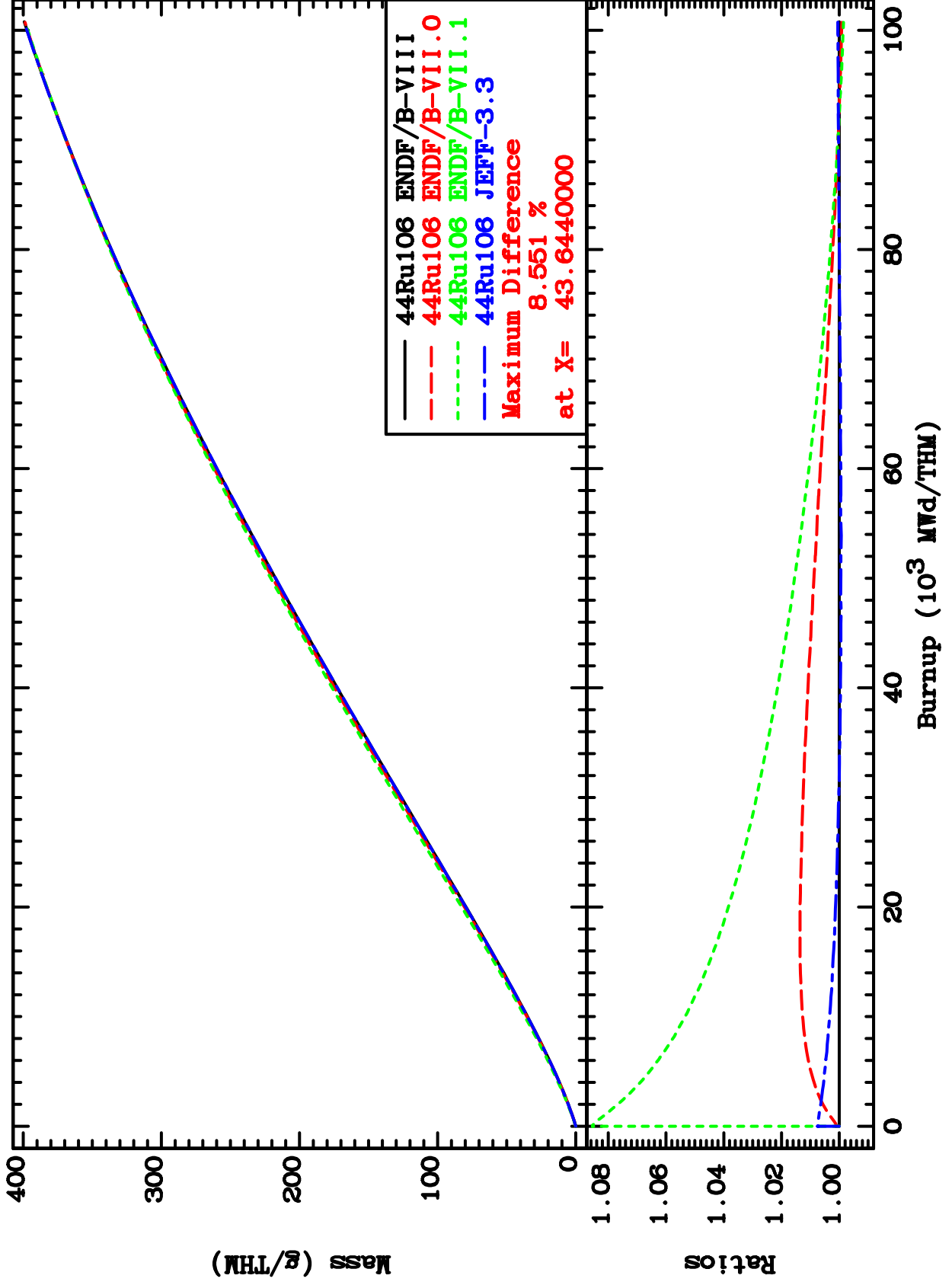


Mass of 44-Ru-103 vs Burnup in the assembly type FB - V5 E= 5.200  
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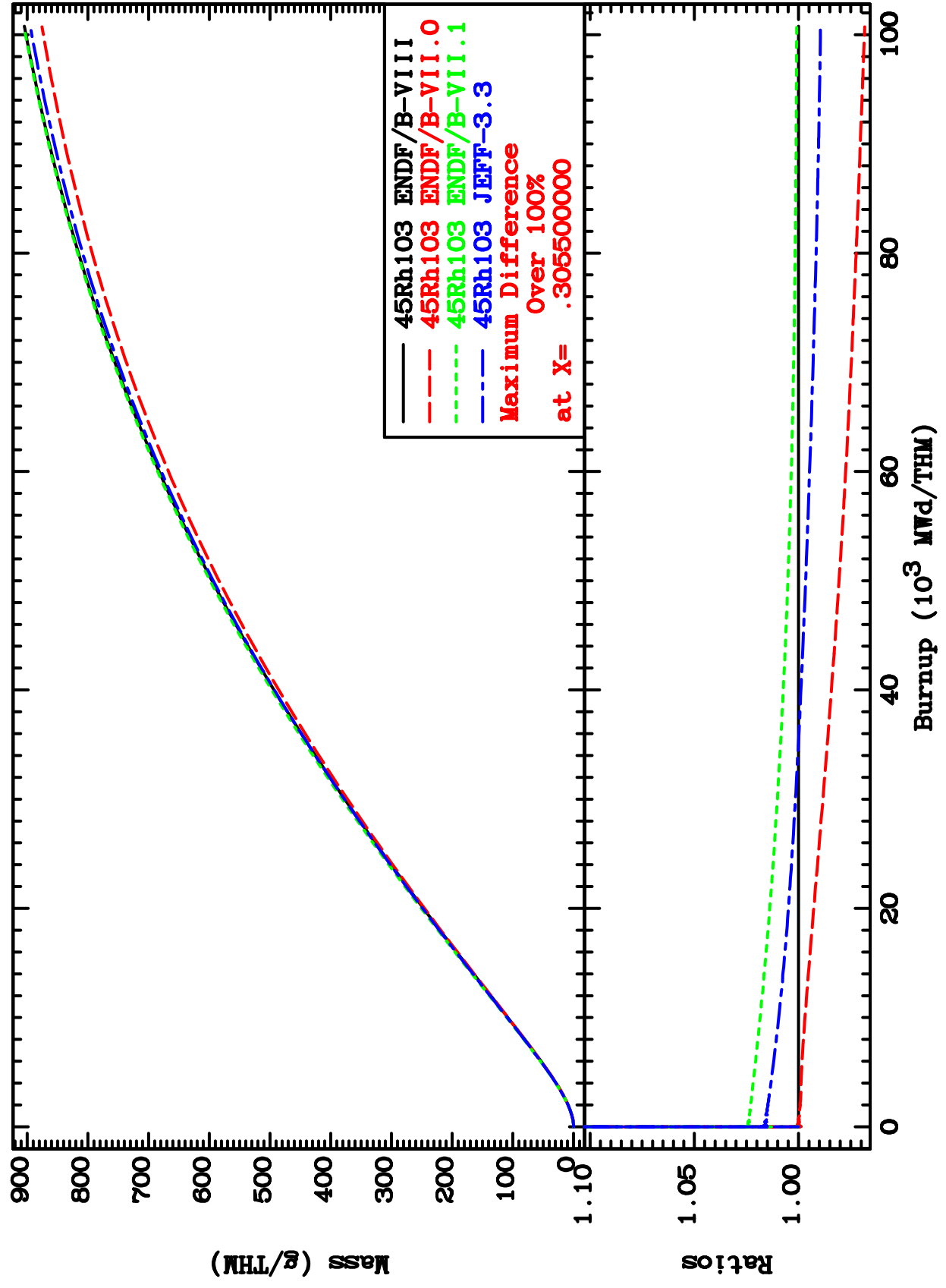


Mass of 44-Ru-106 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

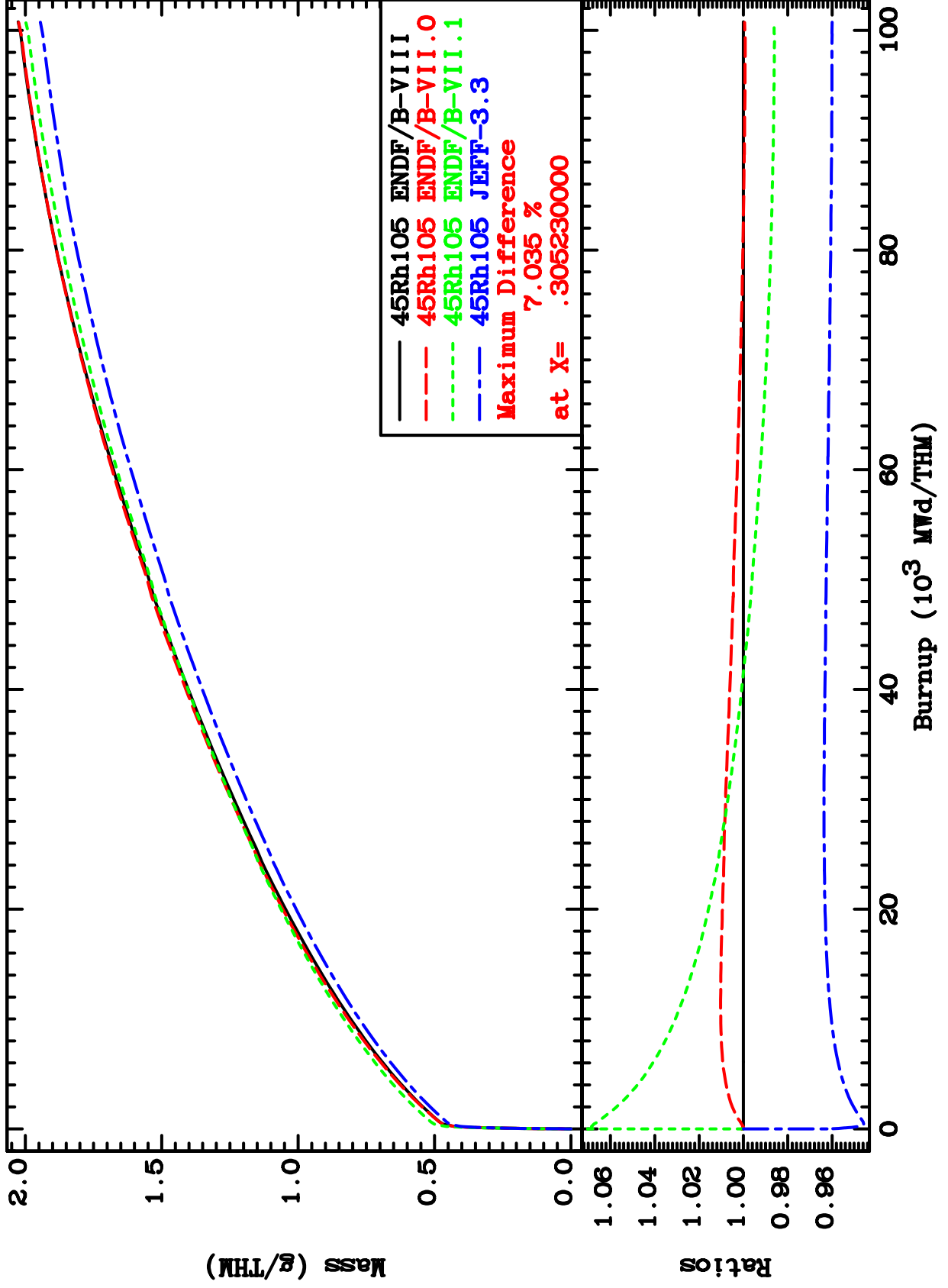


Mass of 45-Rh-103 vs Burnup in the assembly type FB - V5 E= 5.200  
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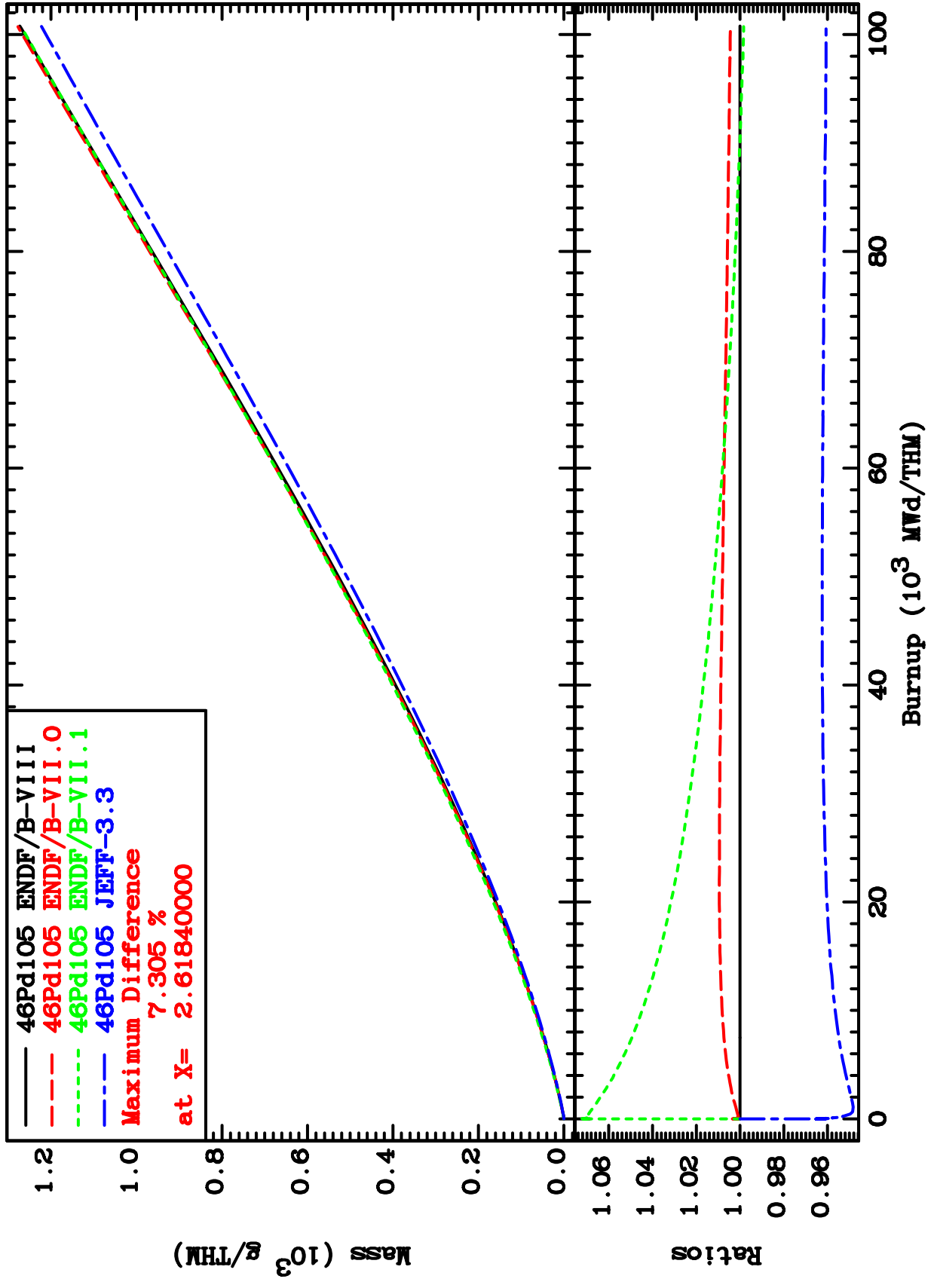


Mass of 45-Rh-105 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

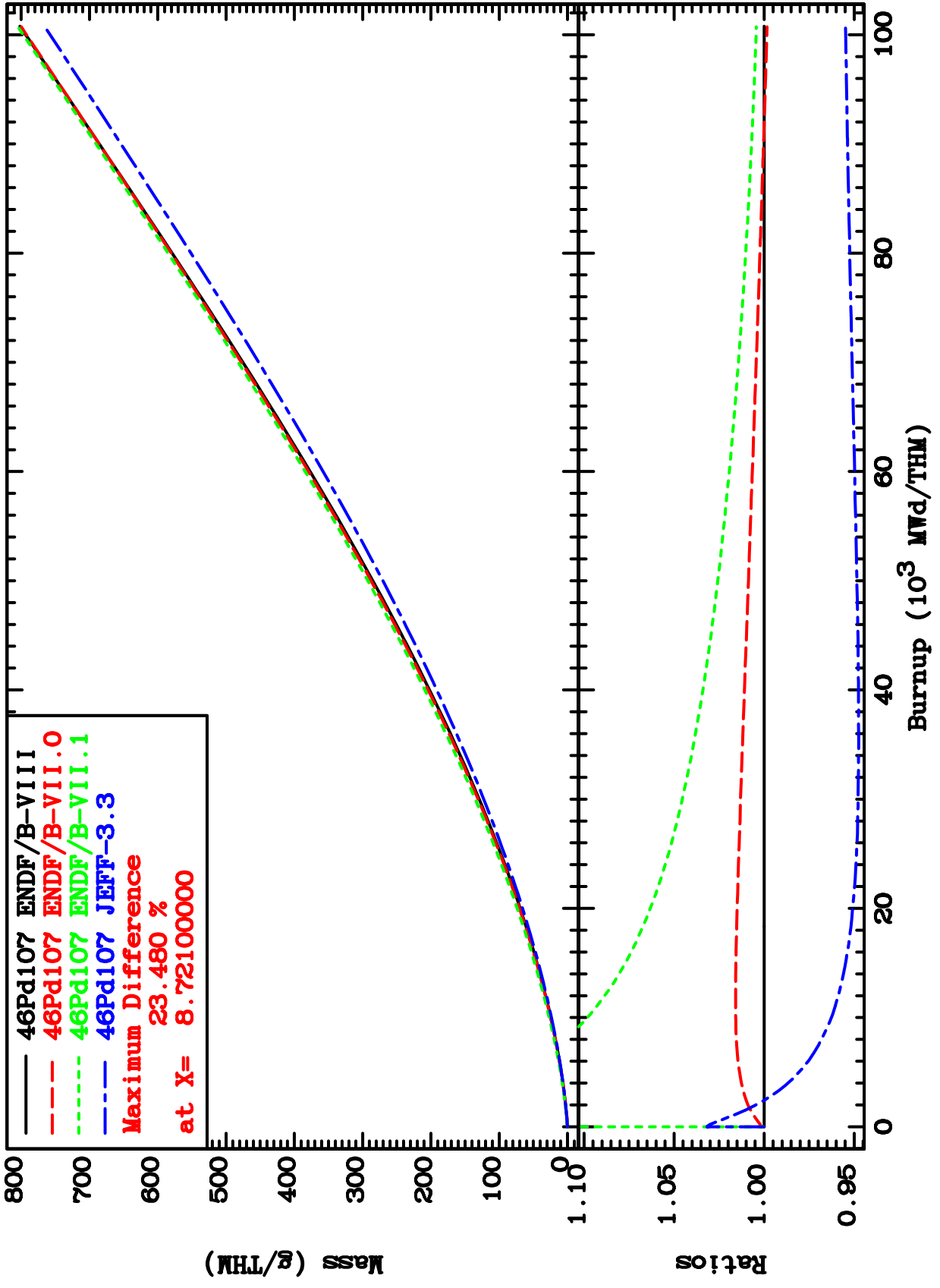


Mass of 46-Pd-105 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

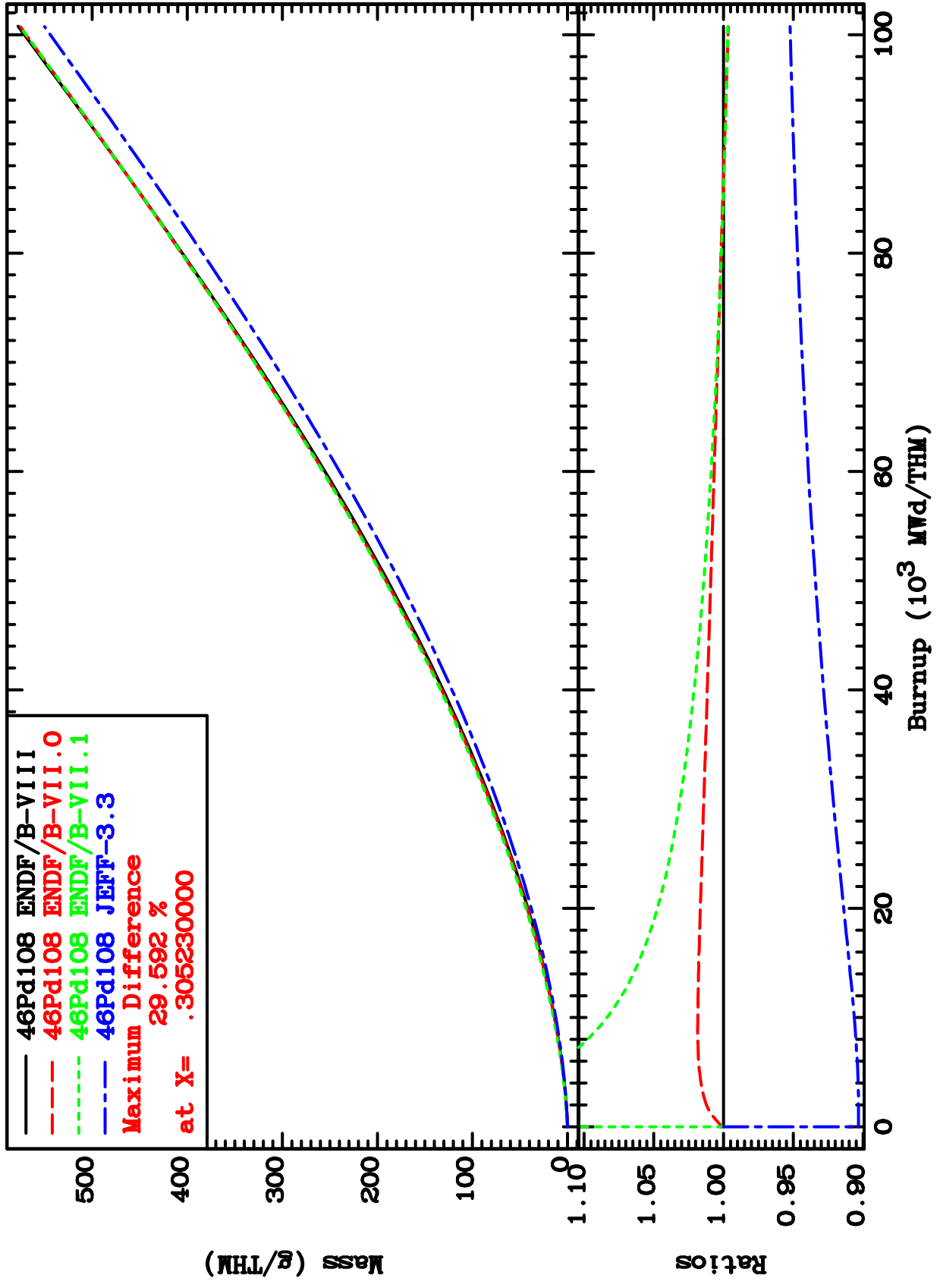




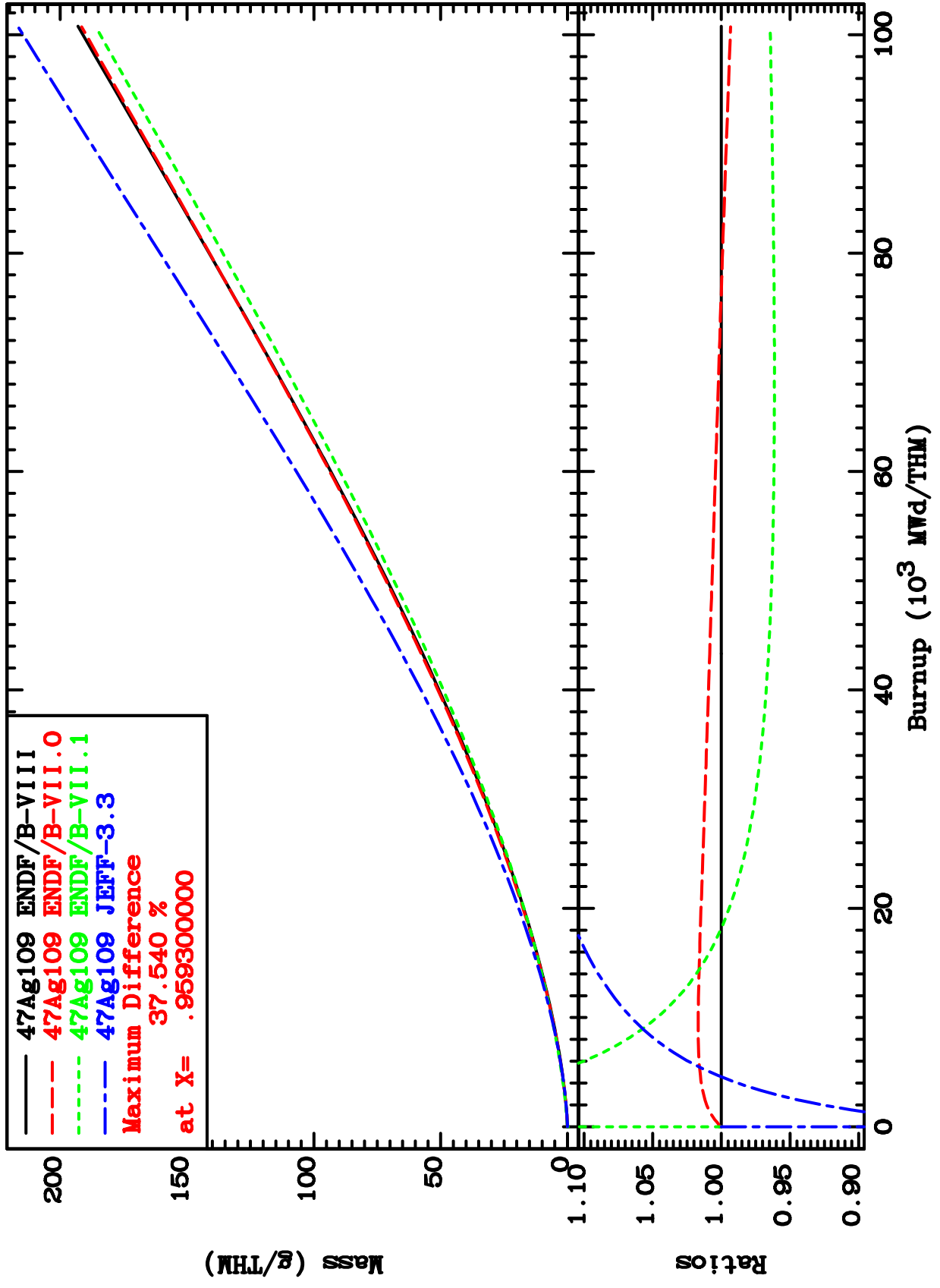
Mass of 46-Pd-107 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



Mass of 46-Pd-108 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

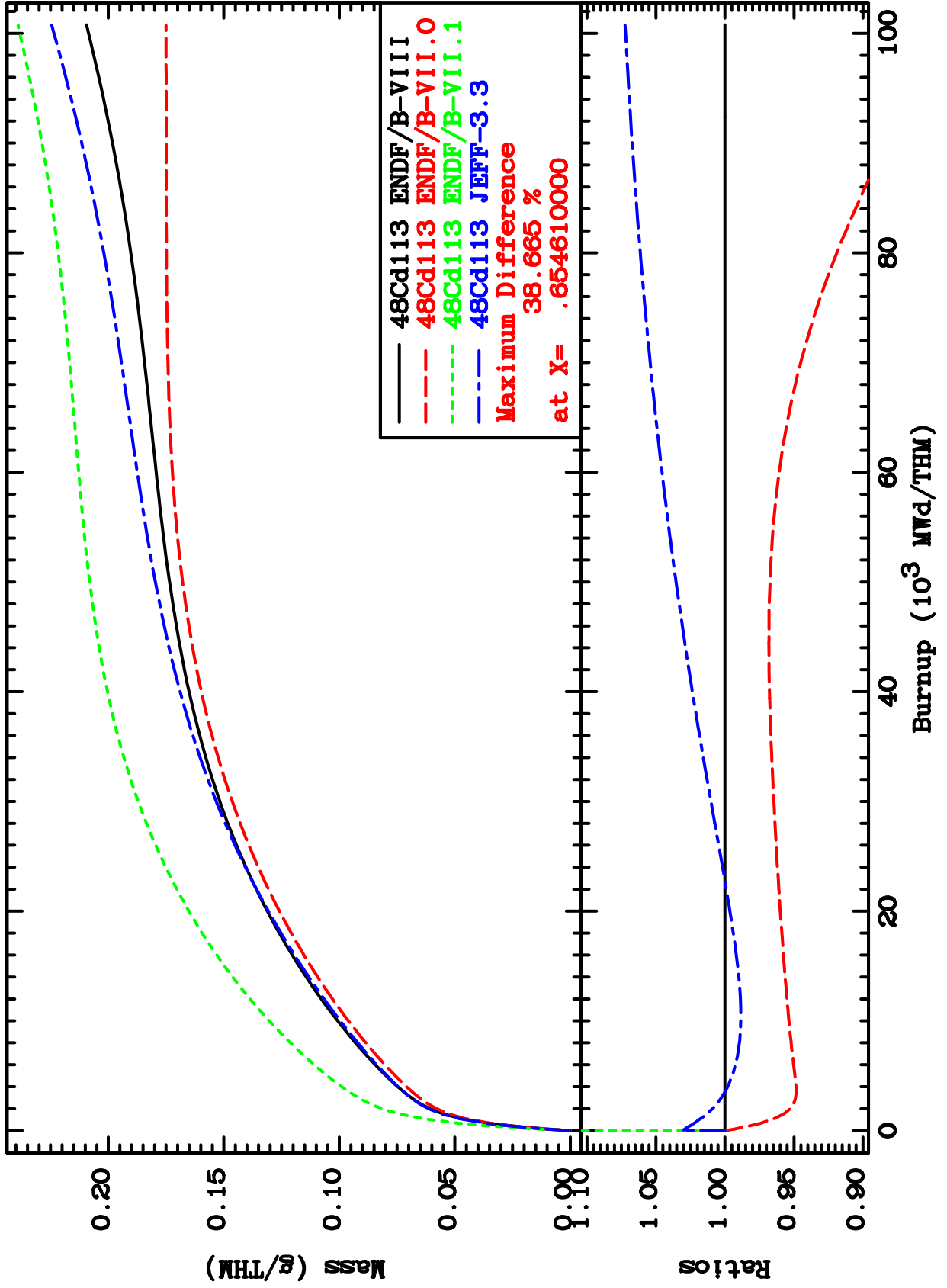


Mass of 47-Ag-109 vs Burnup in the assembly type FB - V5 E= 5.200  
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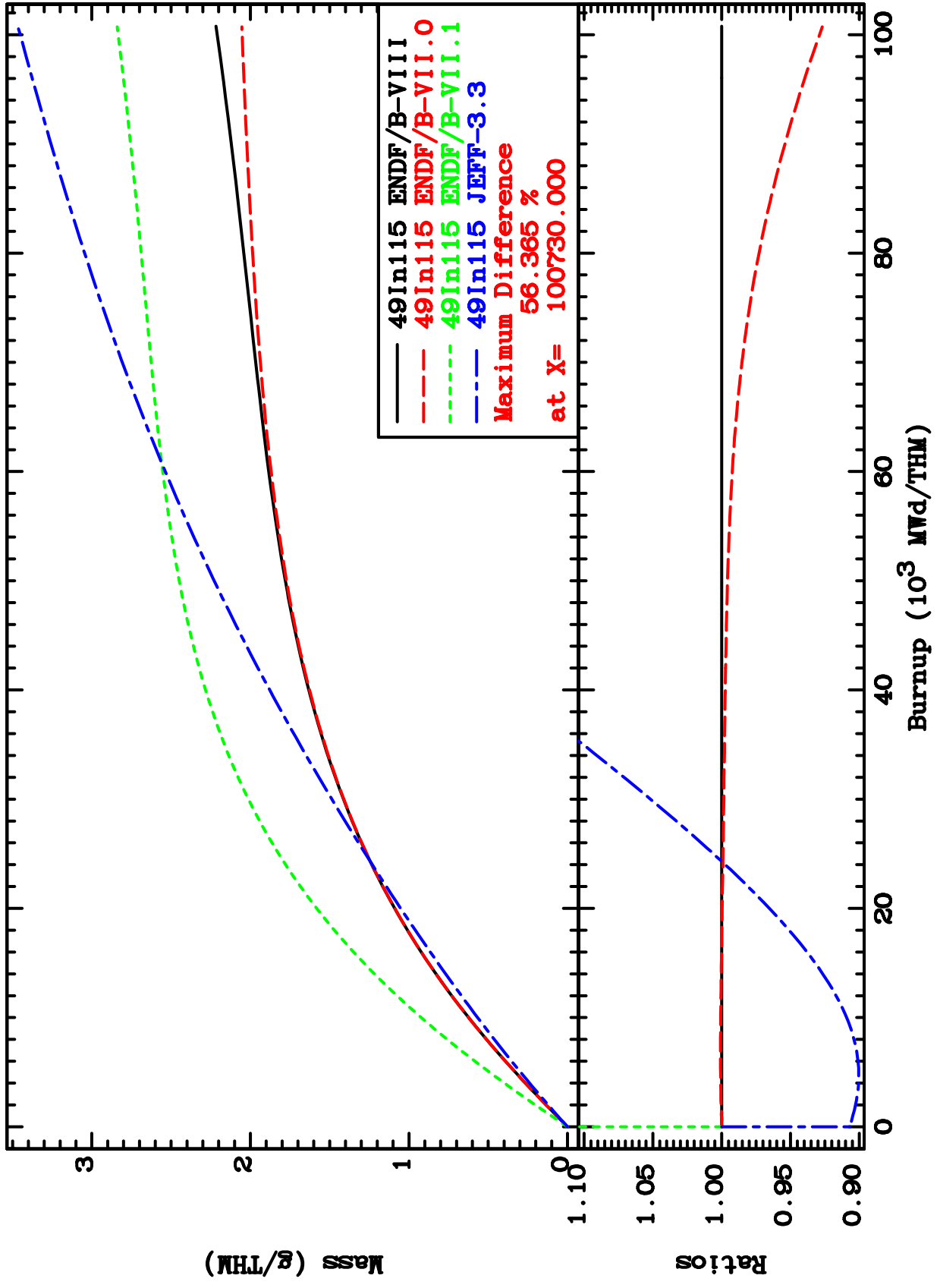


Mass of 48-Cd-113 vs Burnup in the assembly type FB - V5 E= 5.200

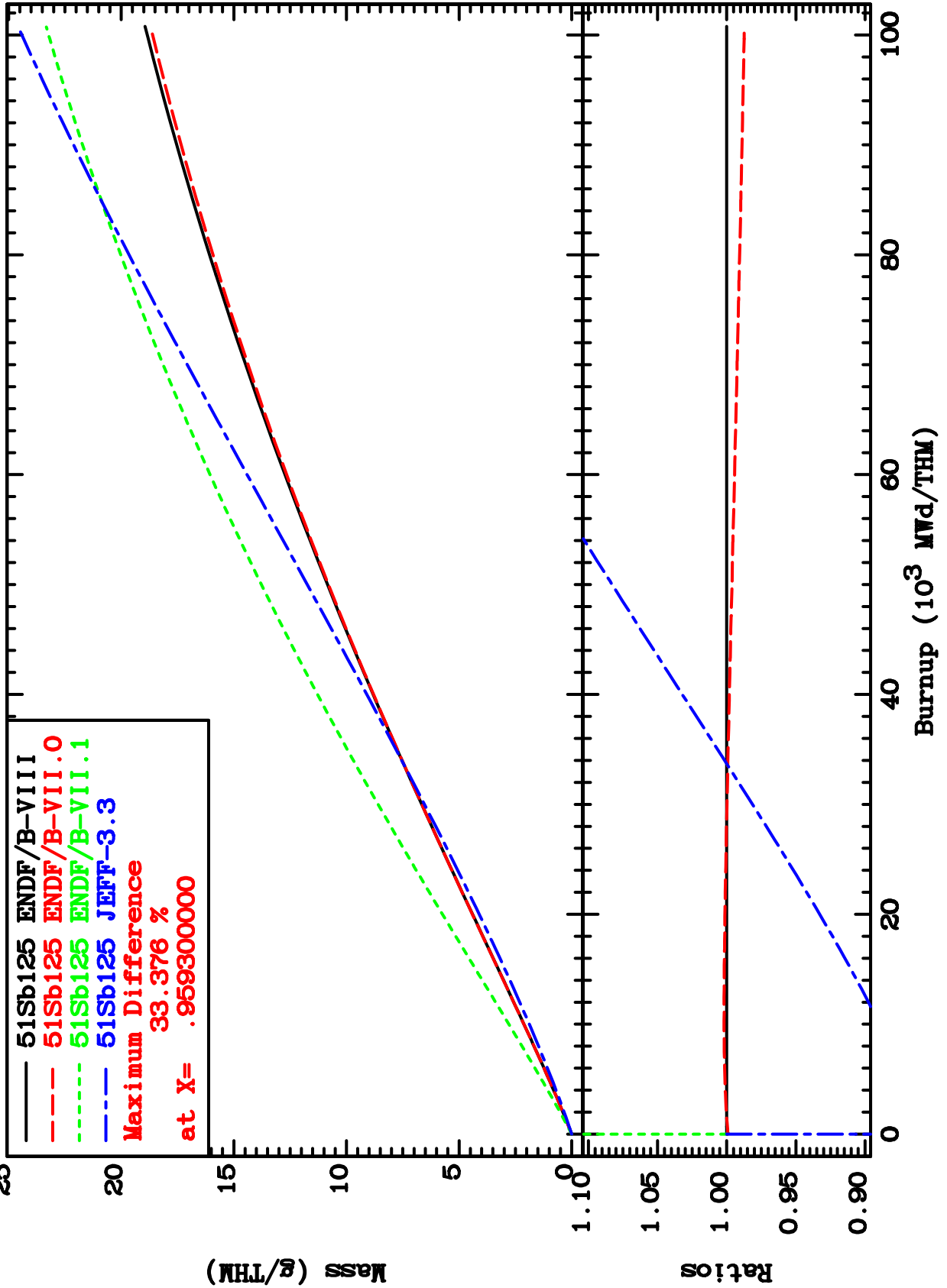
RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



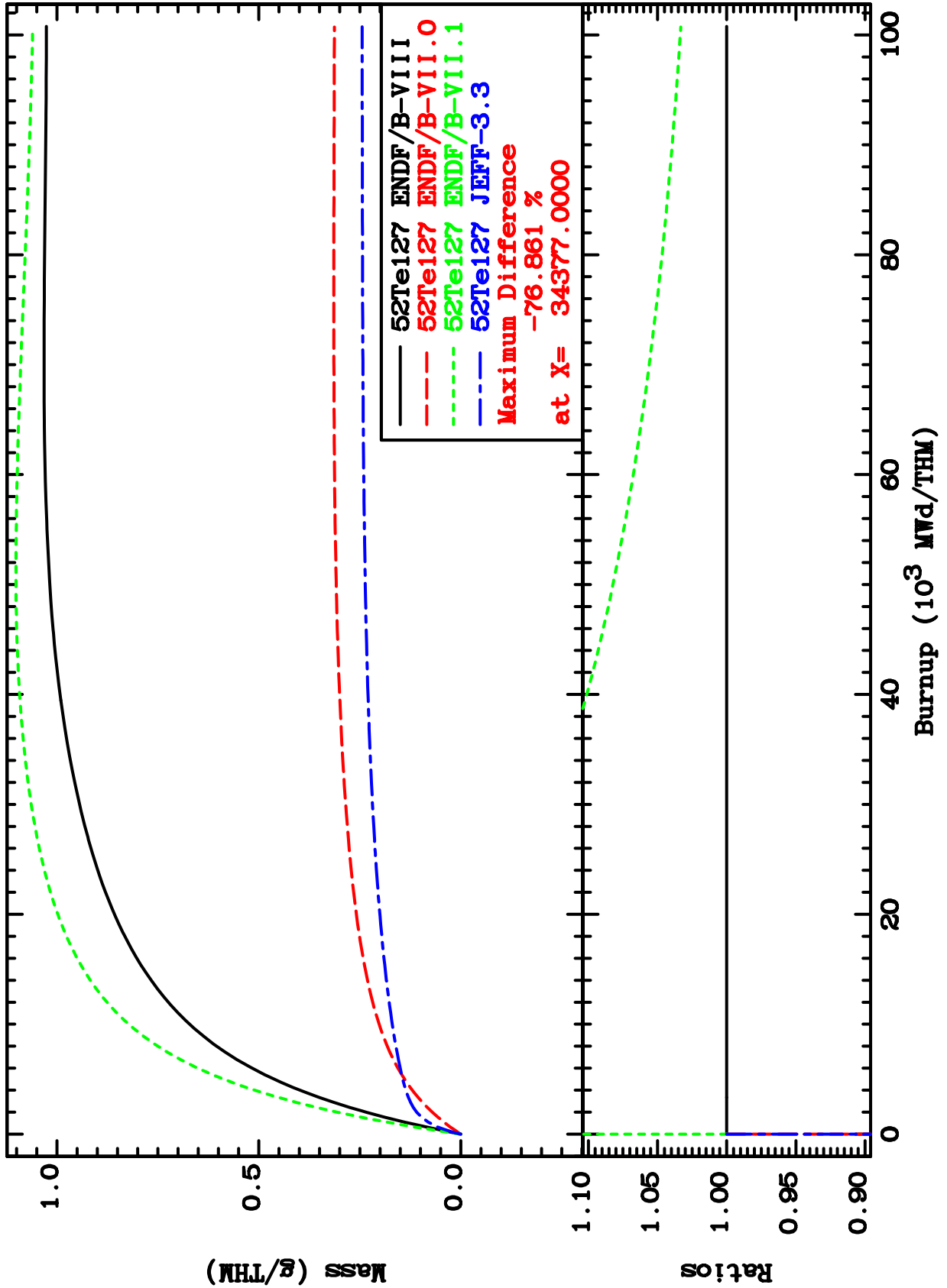
Mass of 49-In-115 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



Mass of 51-Sb-125 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

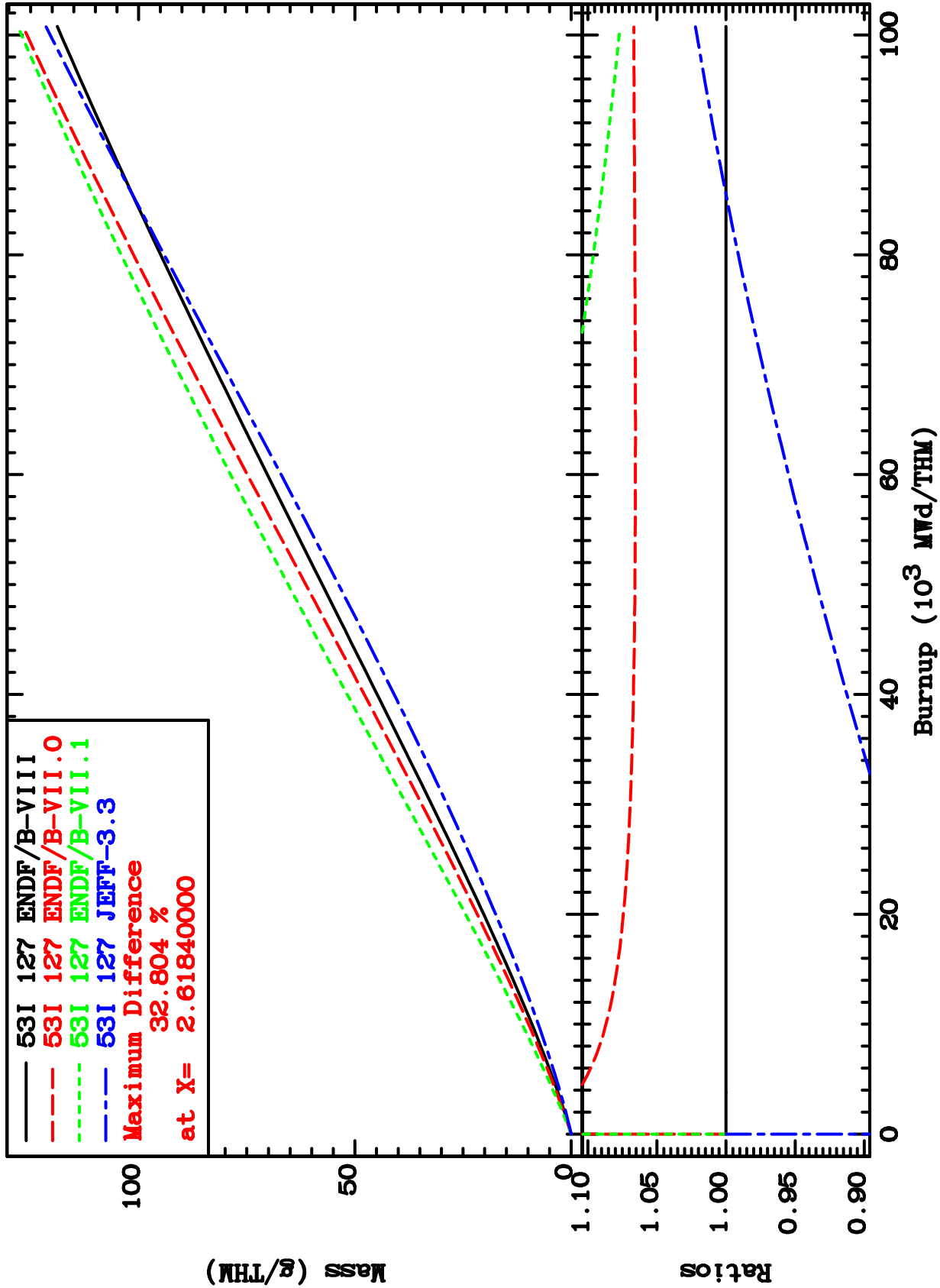


Mass of 52-Te-127 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



Mass of 53-I -127 vs Burnup in the assembly type FB - V5 E= 5.200

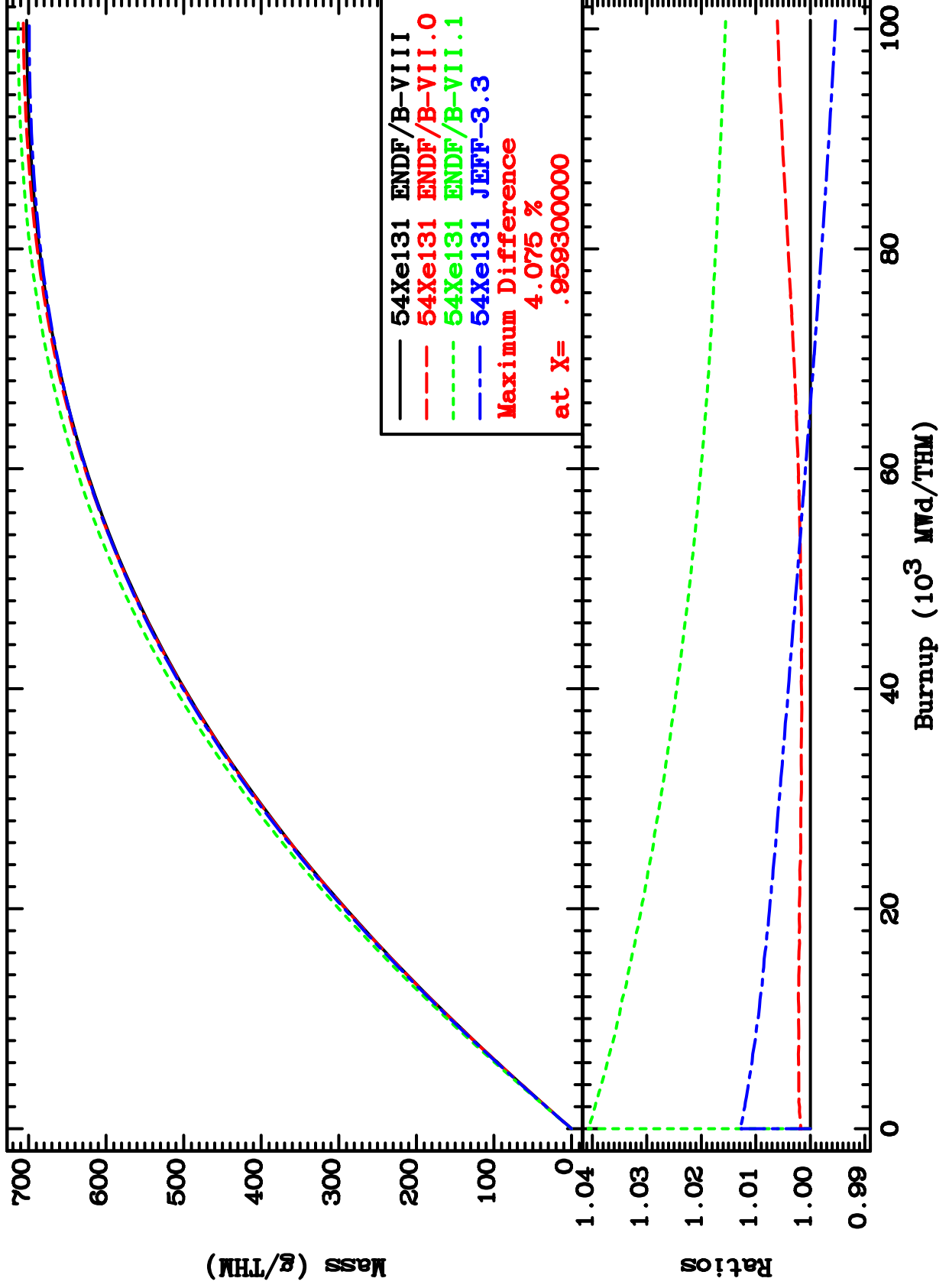
RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



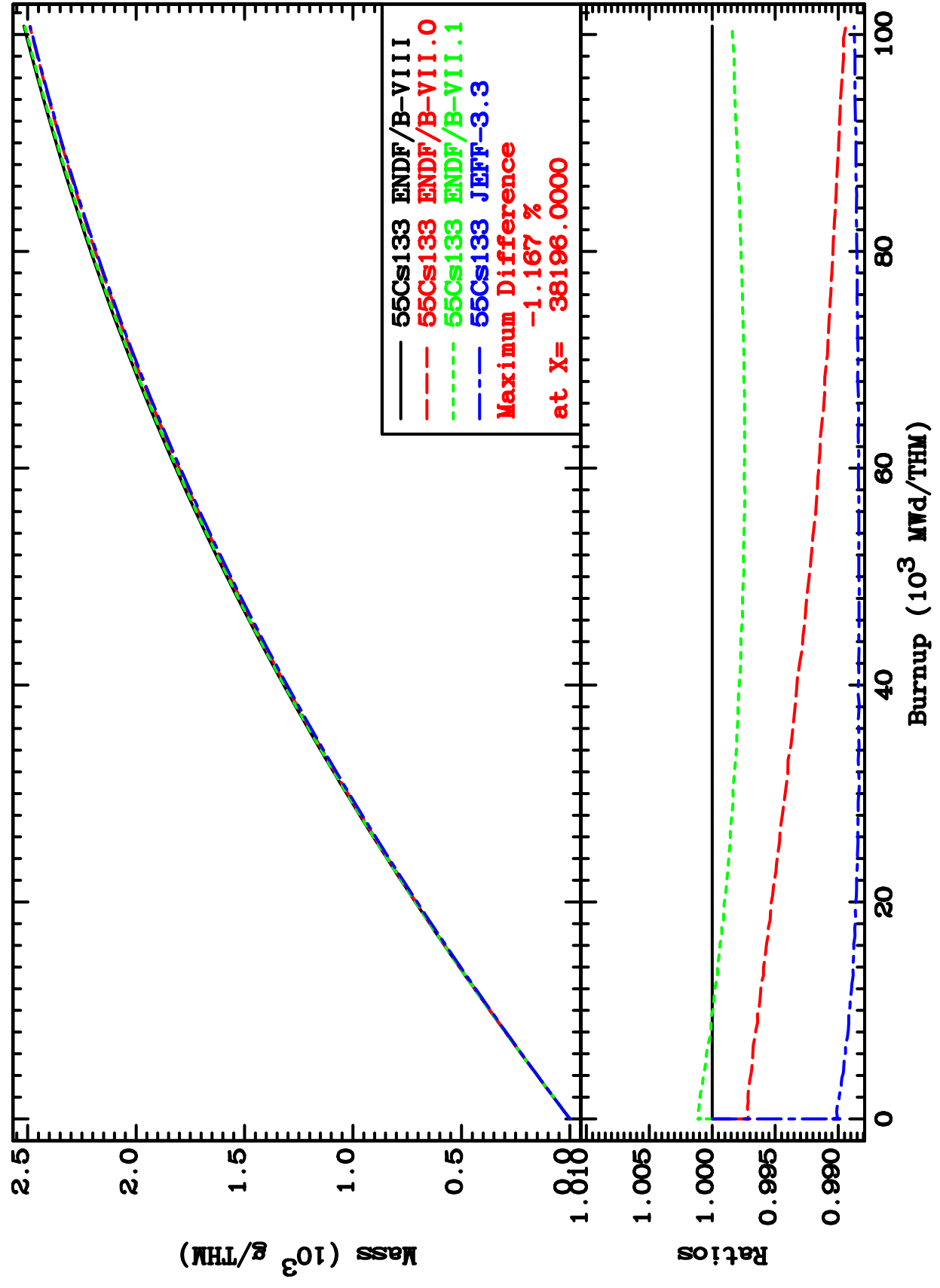


Mass of 54-Xe-131 vs Burnup in the assembly type FB - V5 E= 5.200

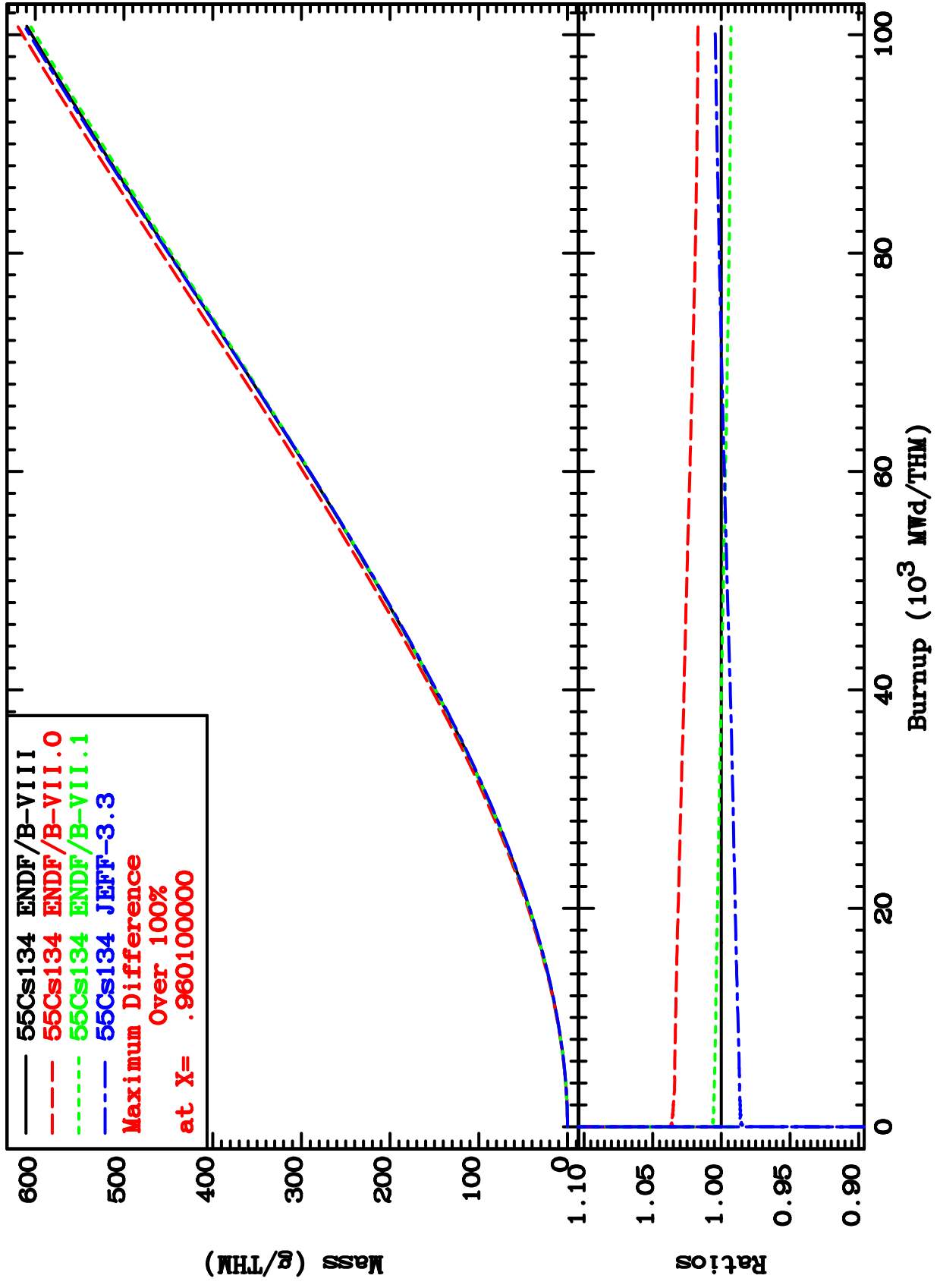
RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



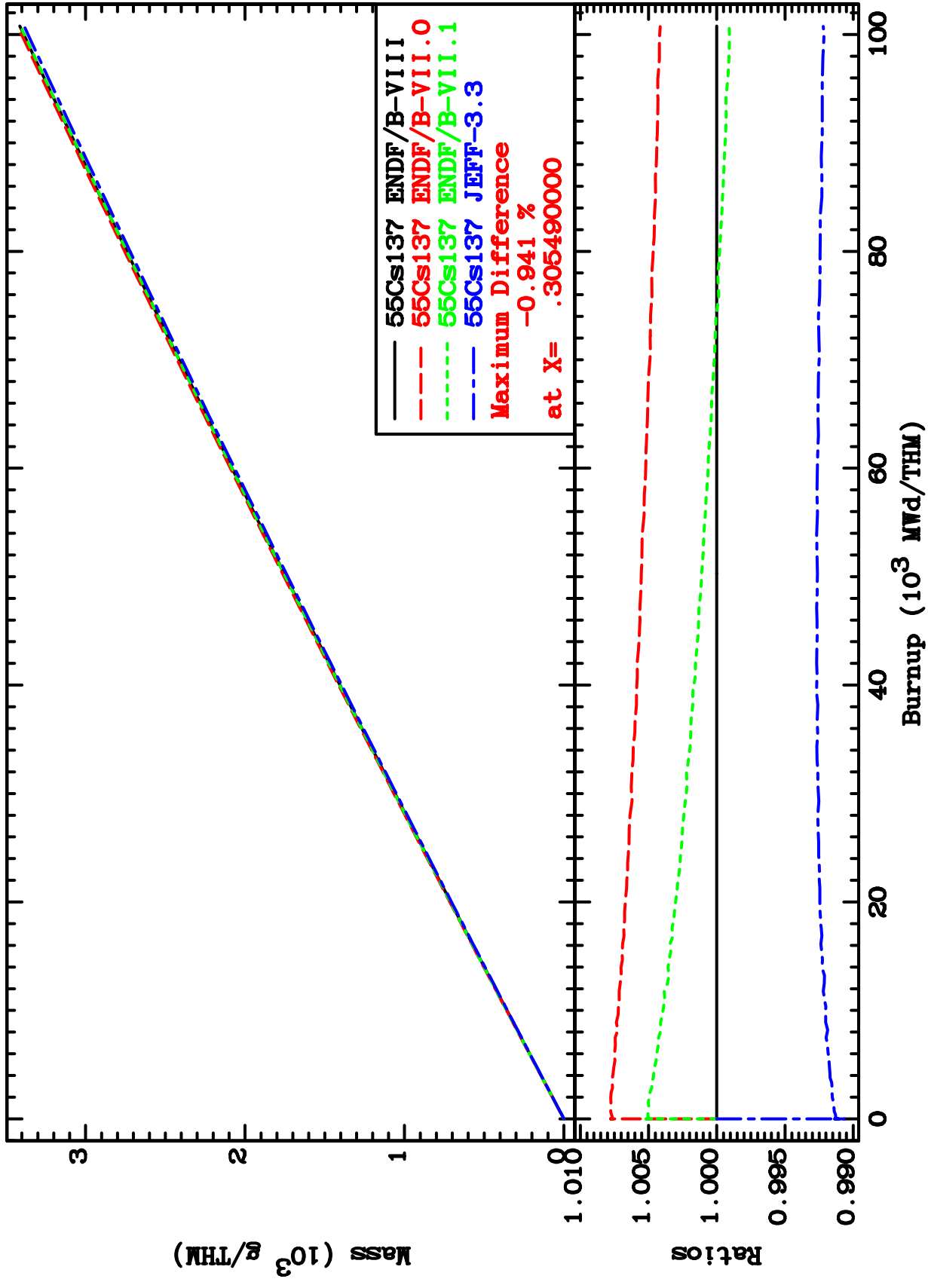
Mass of 55-Cs-133 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



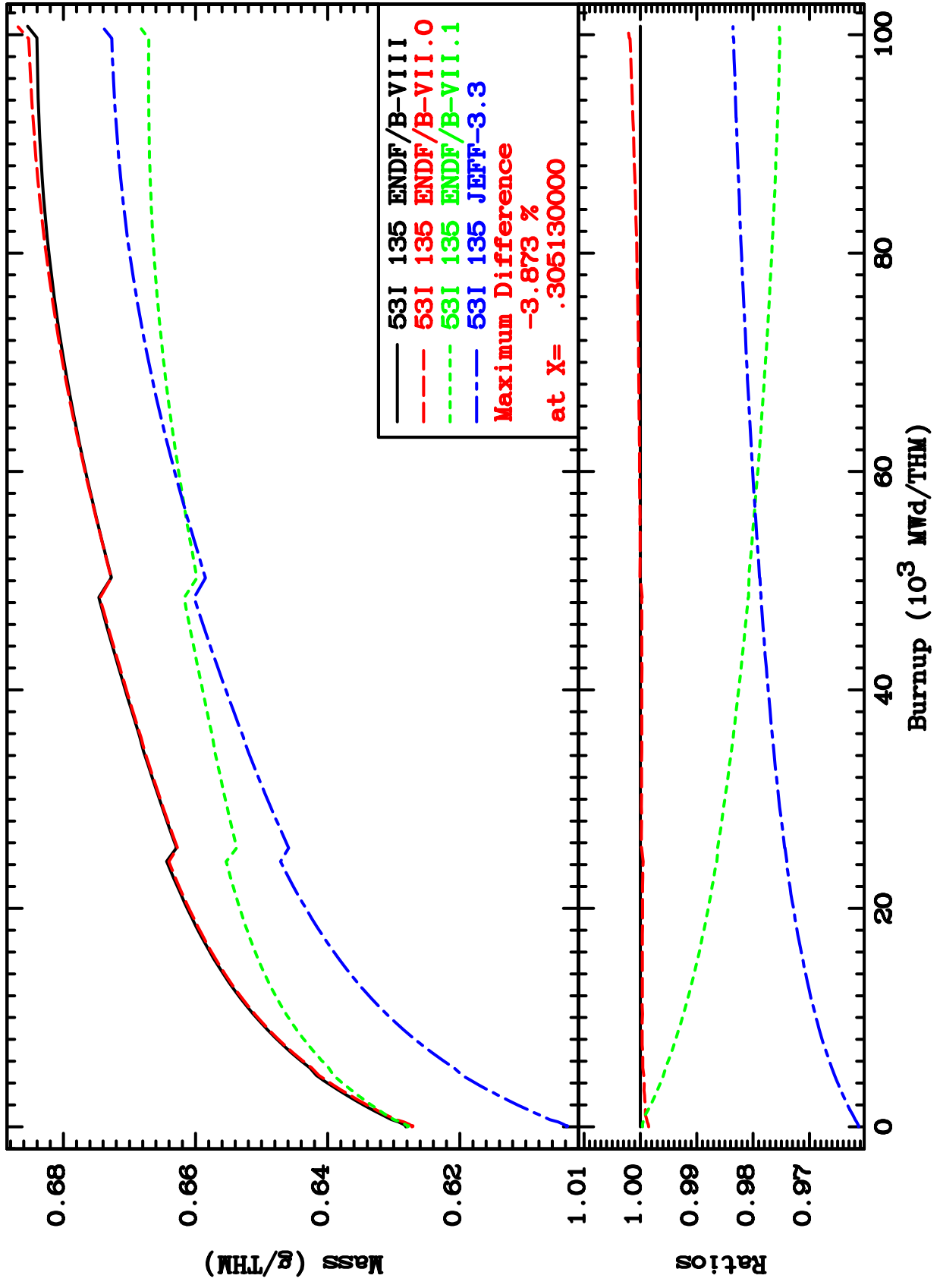
Mass of 55-Cs-134 vs Burnup in the assembly type FB - V5 E= 5.200  
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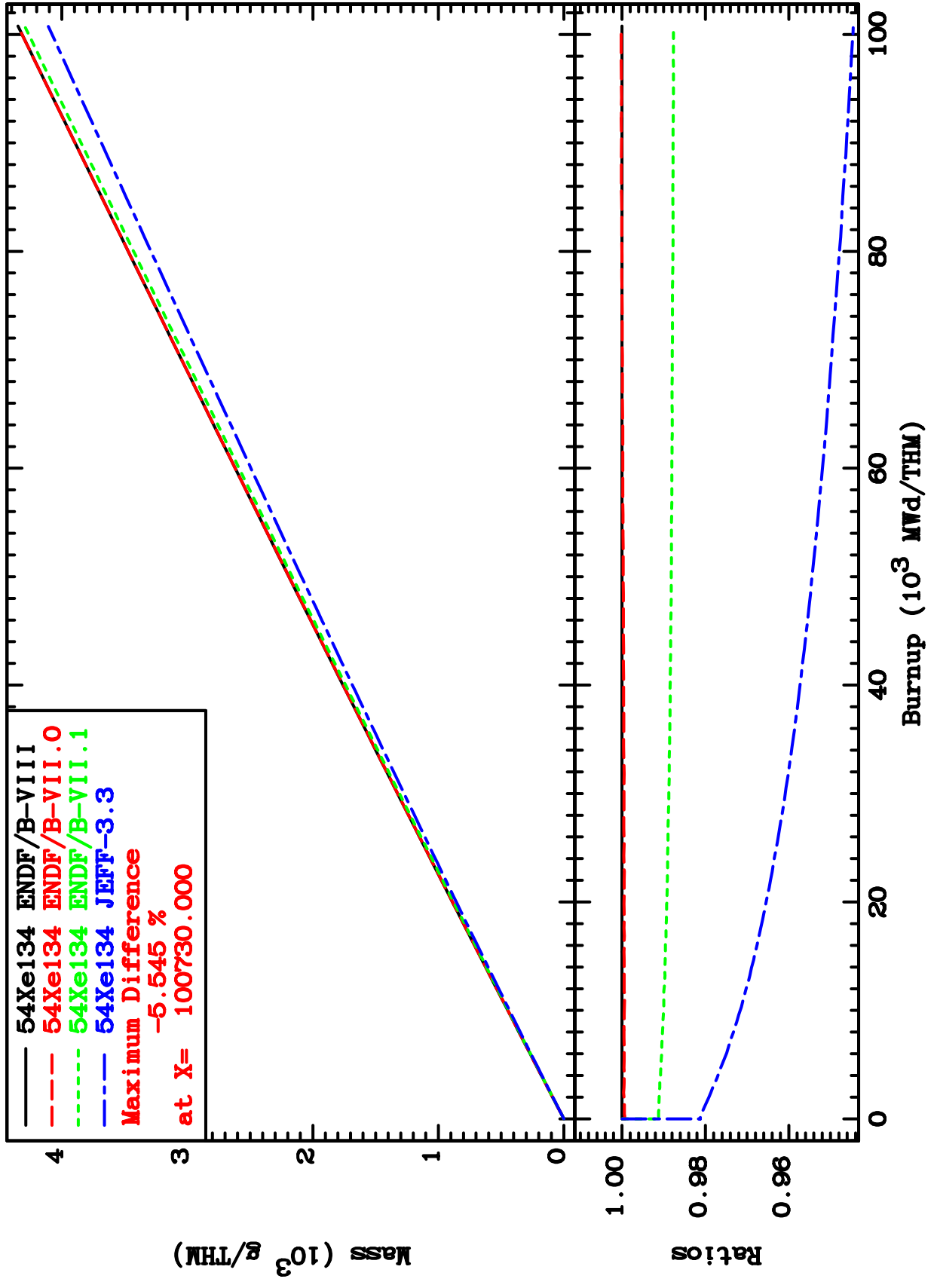
Mass of 55-Cs-137 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



Mass of 53-1 -135 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

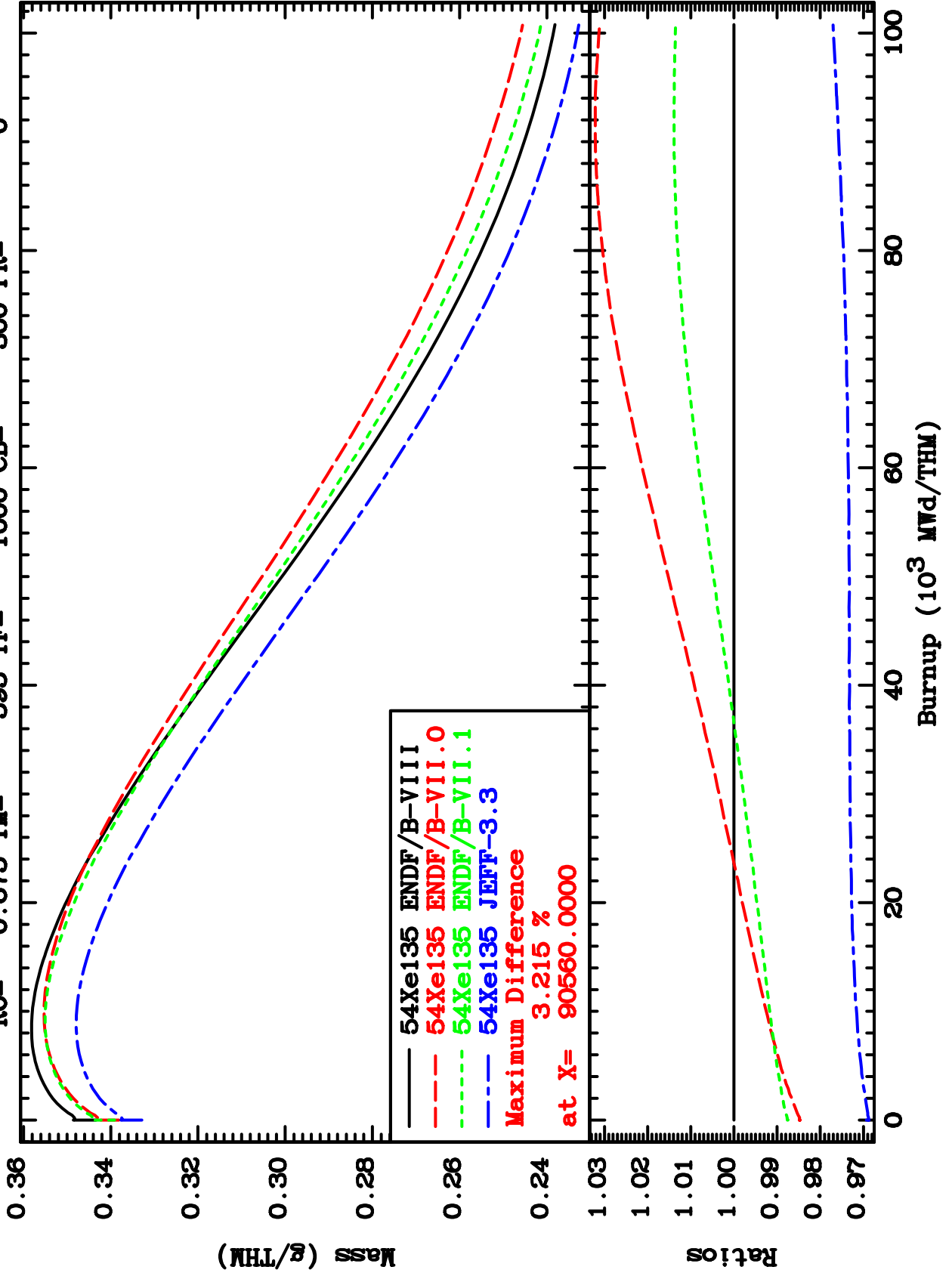


Mass of <sup>54</sup>Xe-134 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



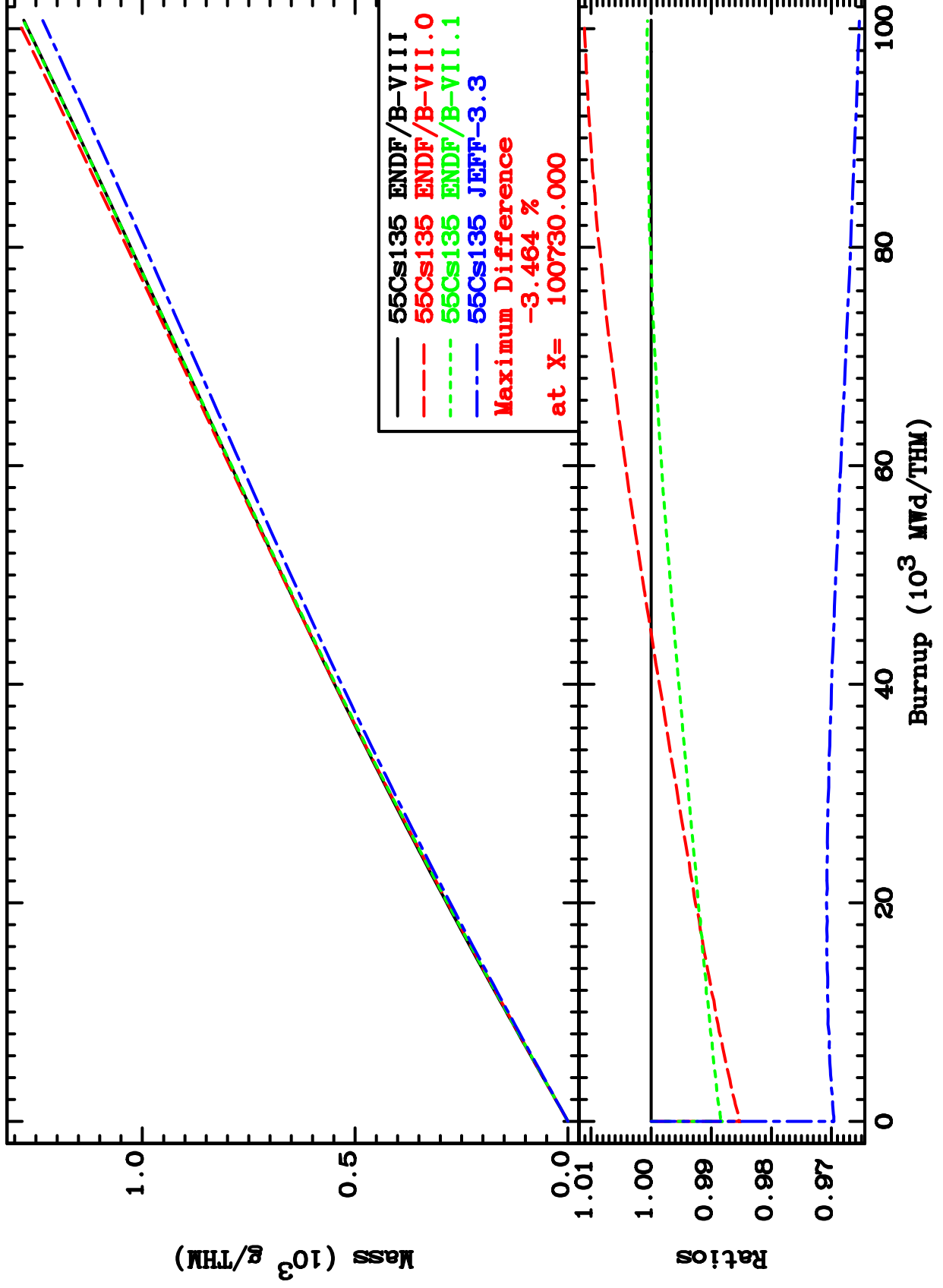
Mass of 54-Xe-135 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



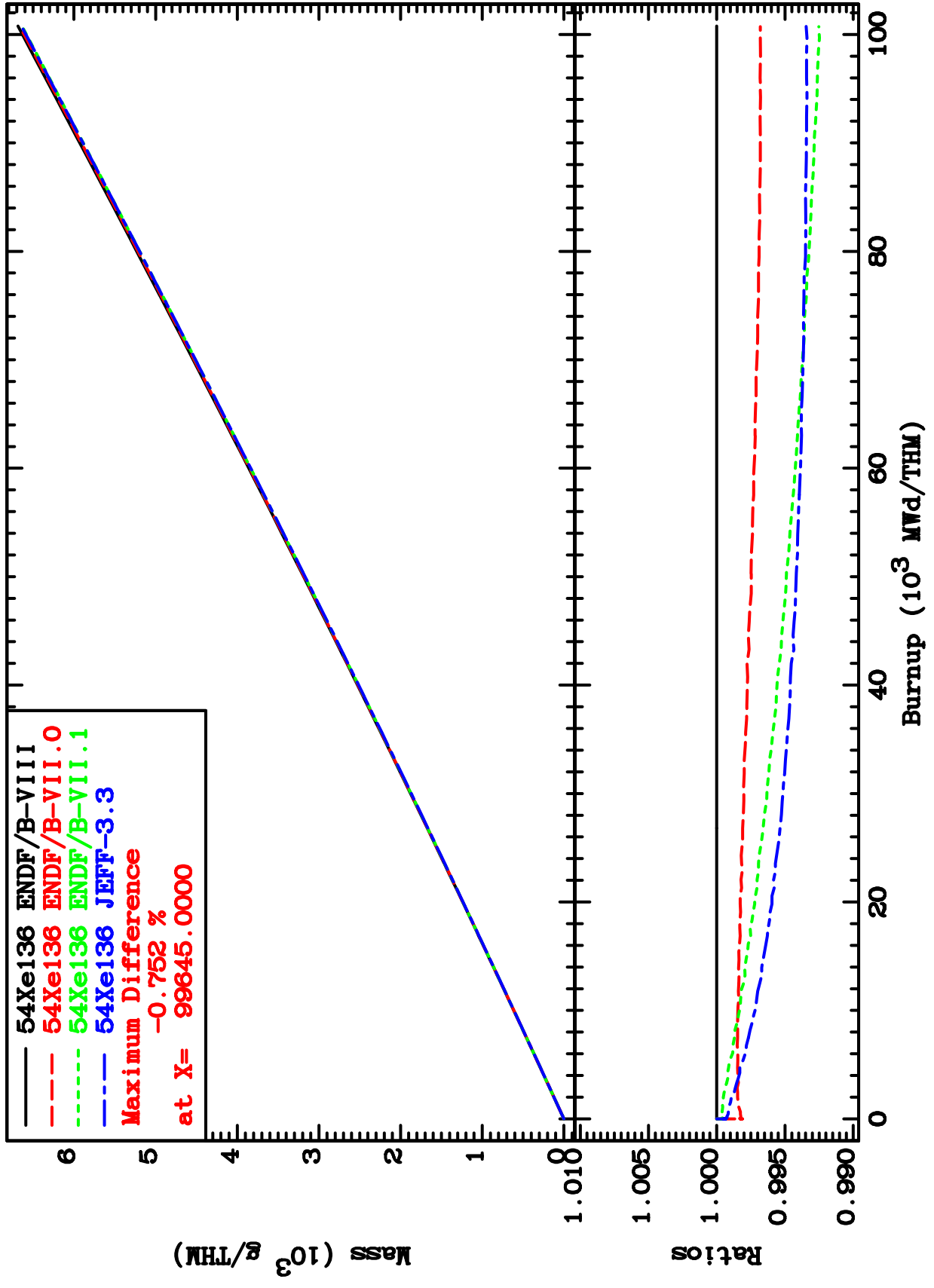
Mass of 55-Cs-135 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



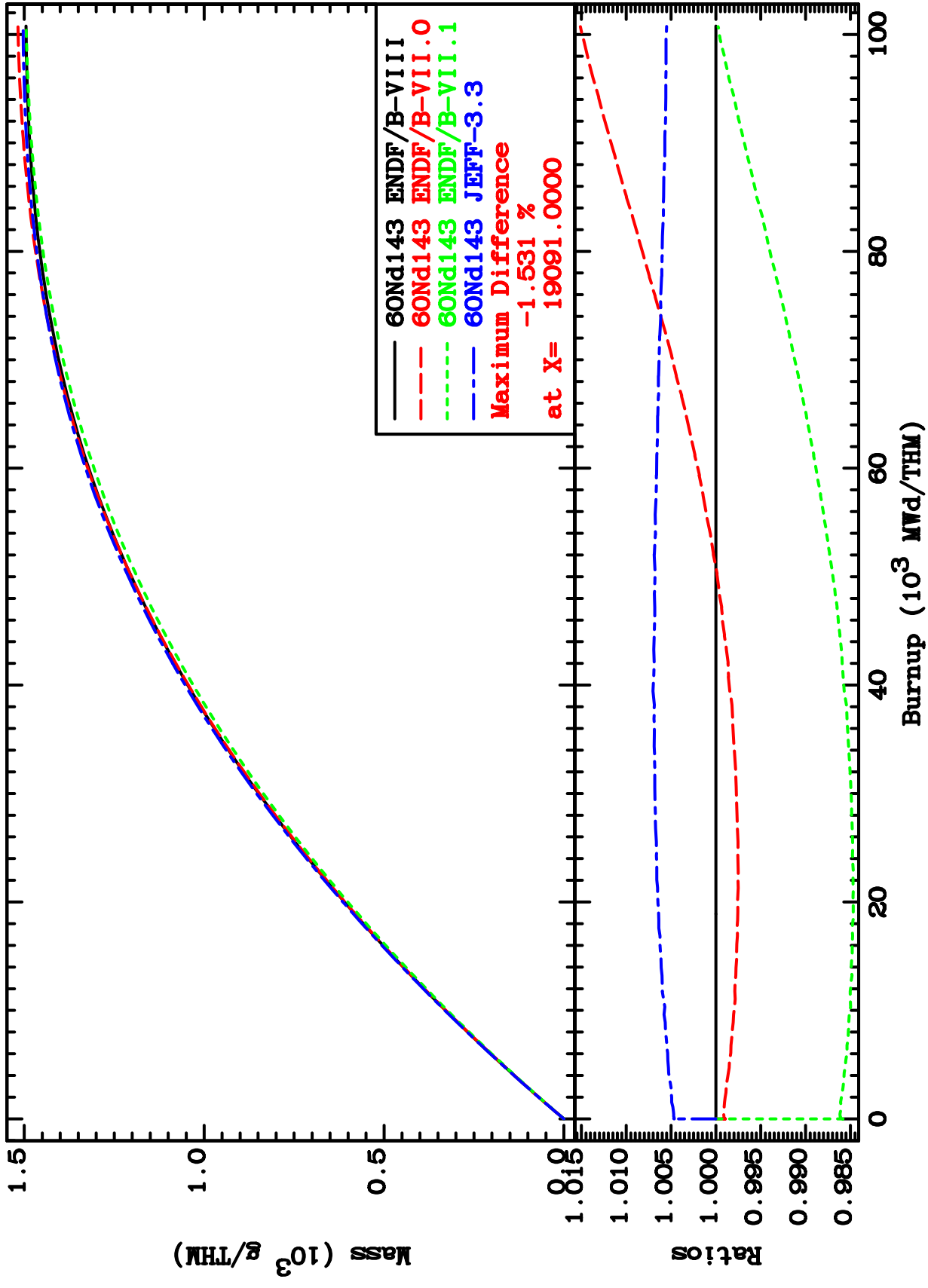


Mass of 54-Xe-136 vs Burnup in the assembly type FB - V5 E= 5.200  
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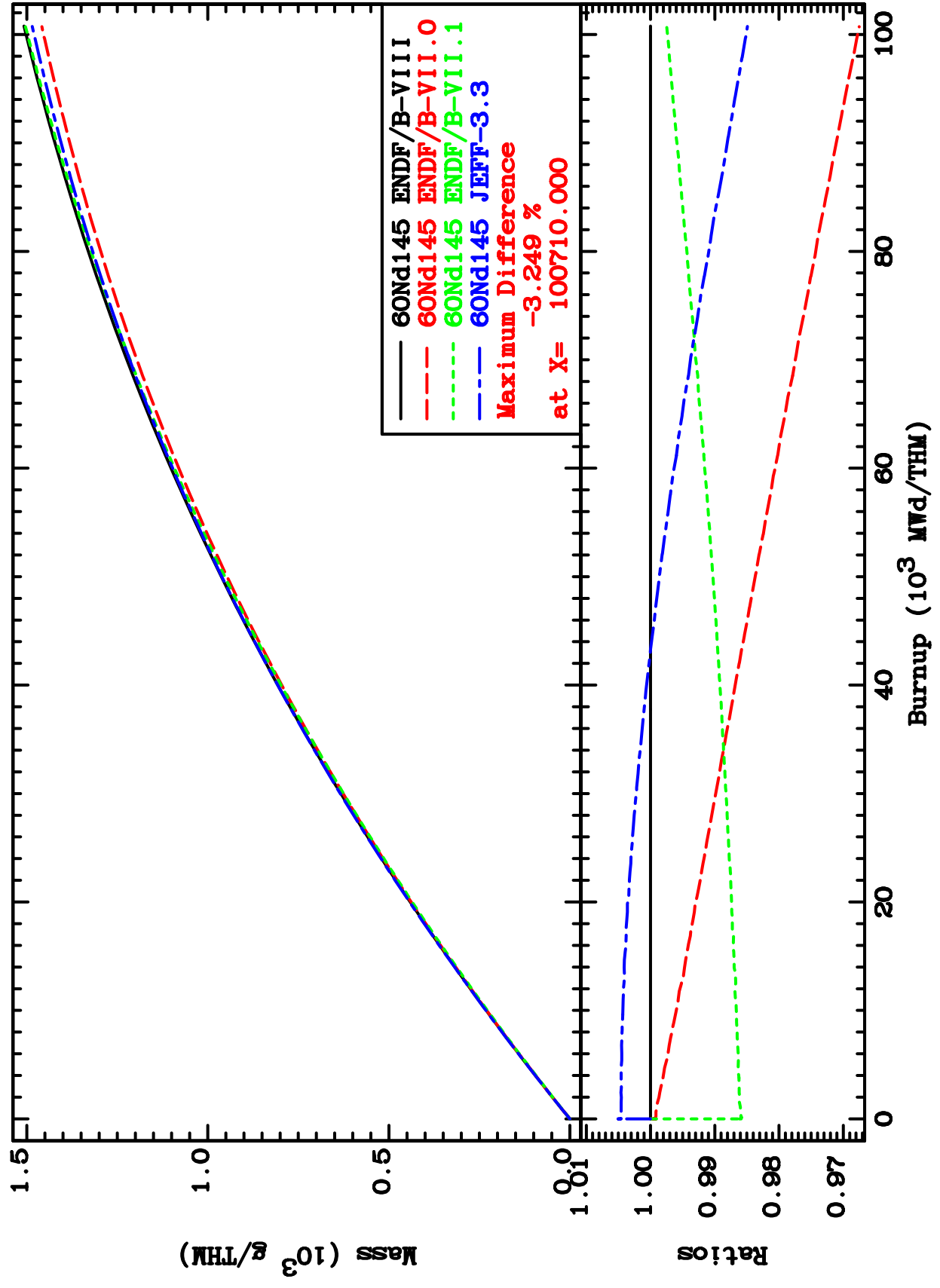


Mass of 60-Nd-143 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



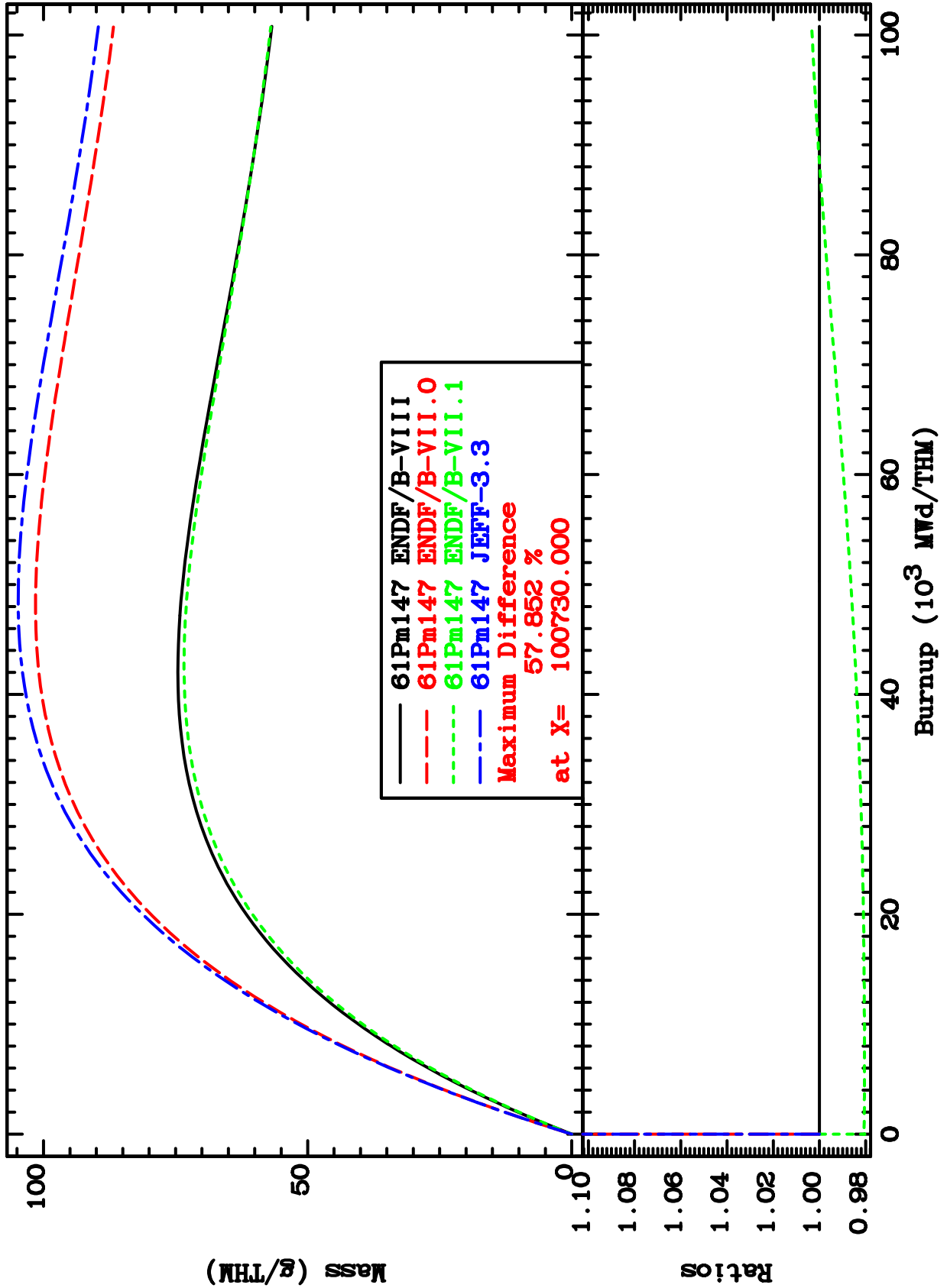
Mass of 60-Nd-145 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



— 60Nd145 ENDF/B-VIII  
 - - - 60Nd145 ENDF/B-VII.0  
 - - - 60Nd145 ENDF/B-VII.1  
 - - - 60Nd145 JEFF-3.3  
 Maximum Difference  
 -3.249 %  
 at X= 100710.000

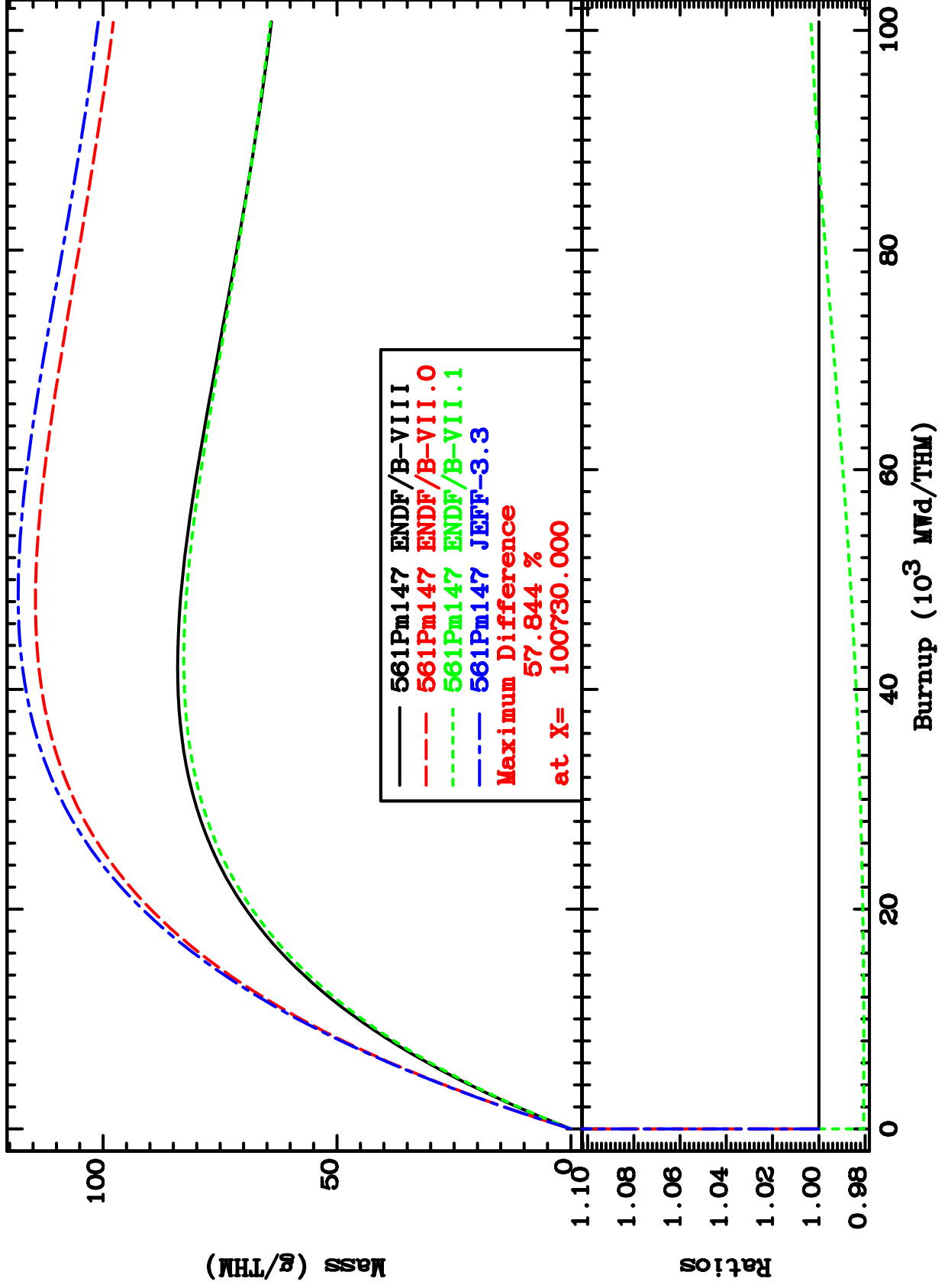
Mass of 61-Pm-147 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



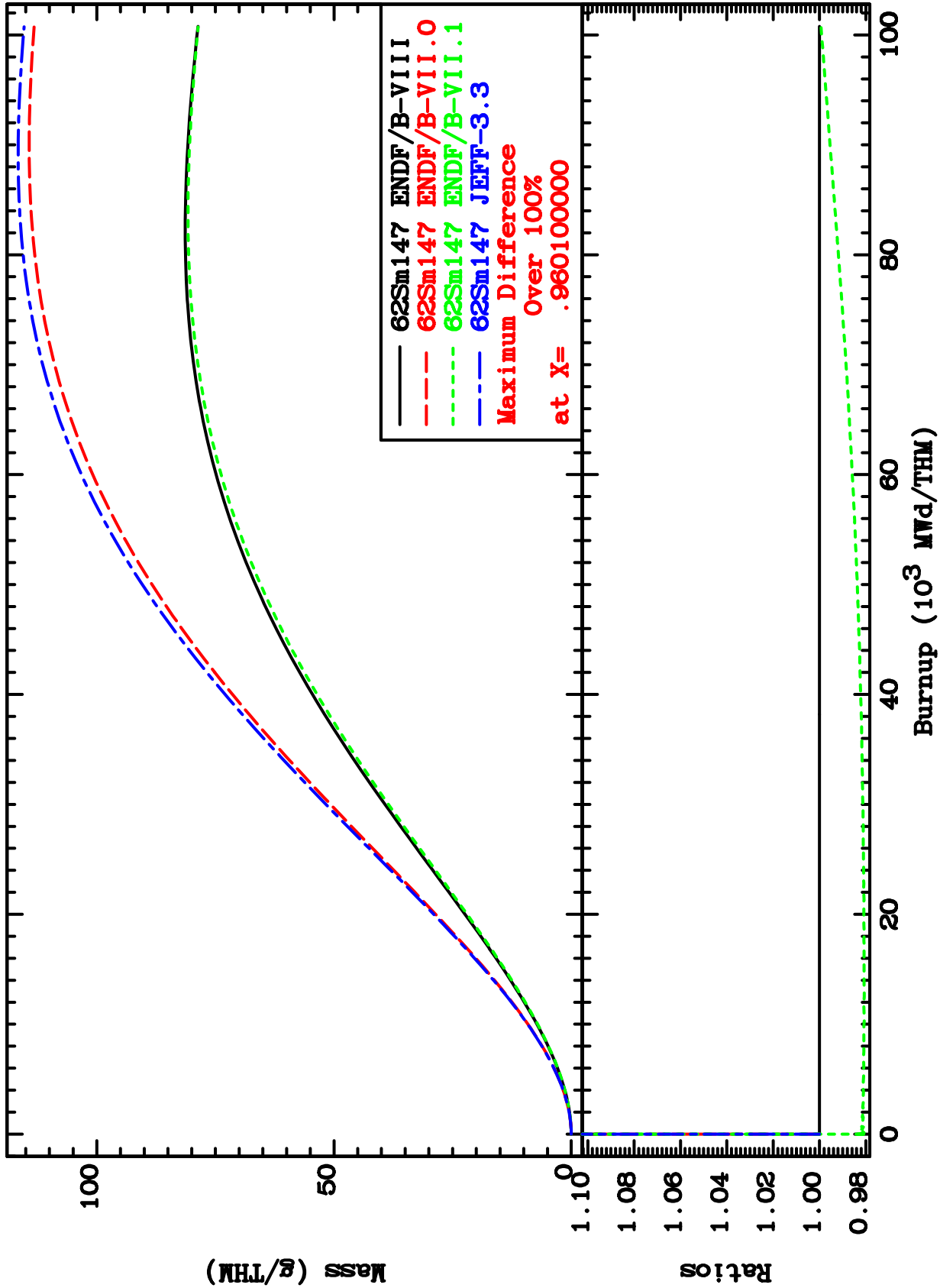
Mass of 561-Pm-147 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

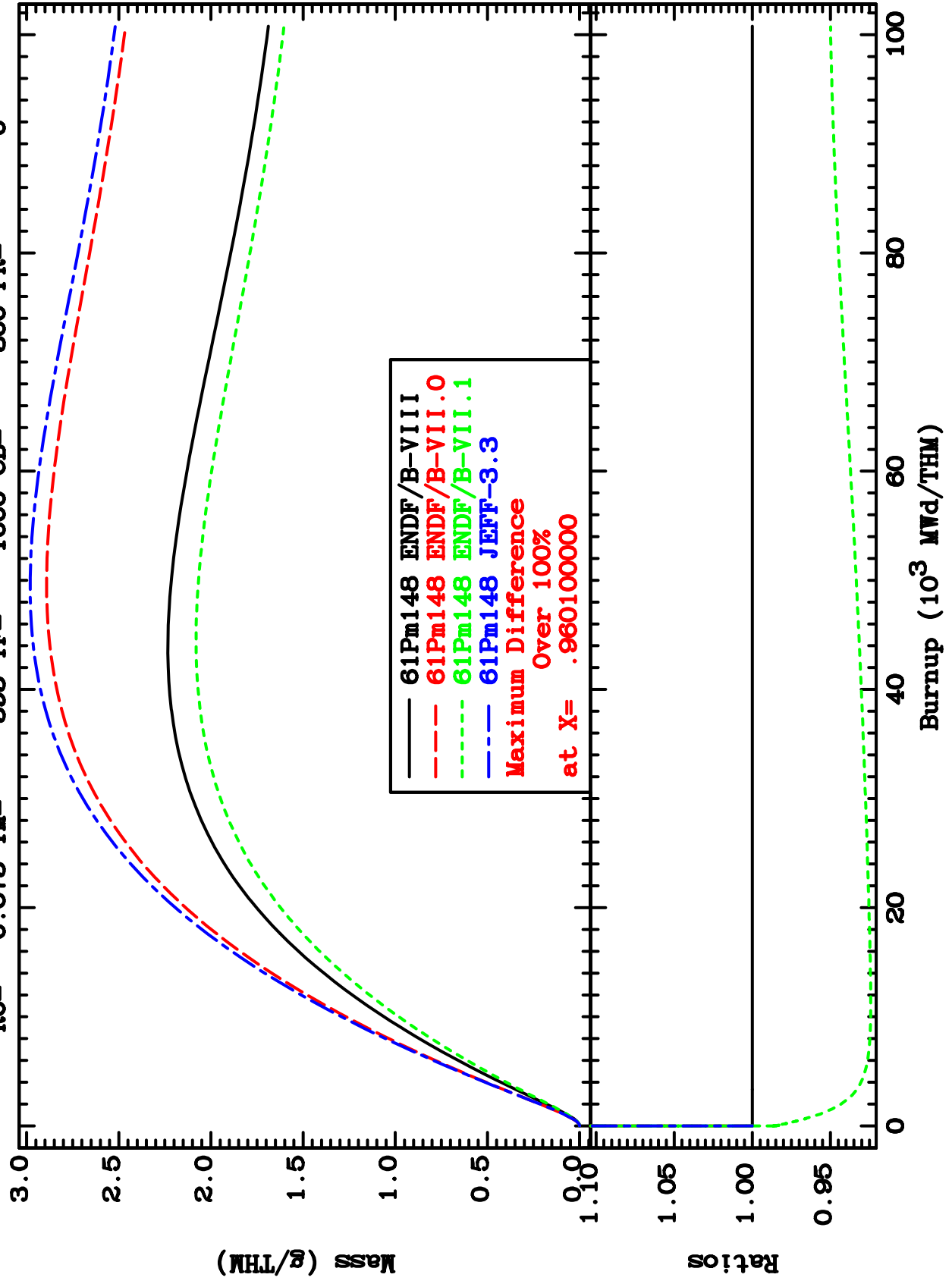


Mass of 62-Sm-147 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



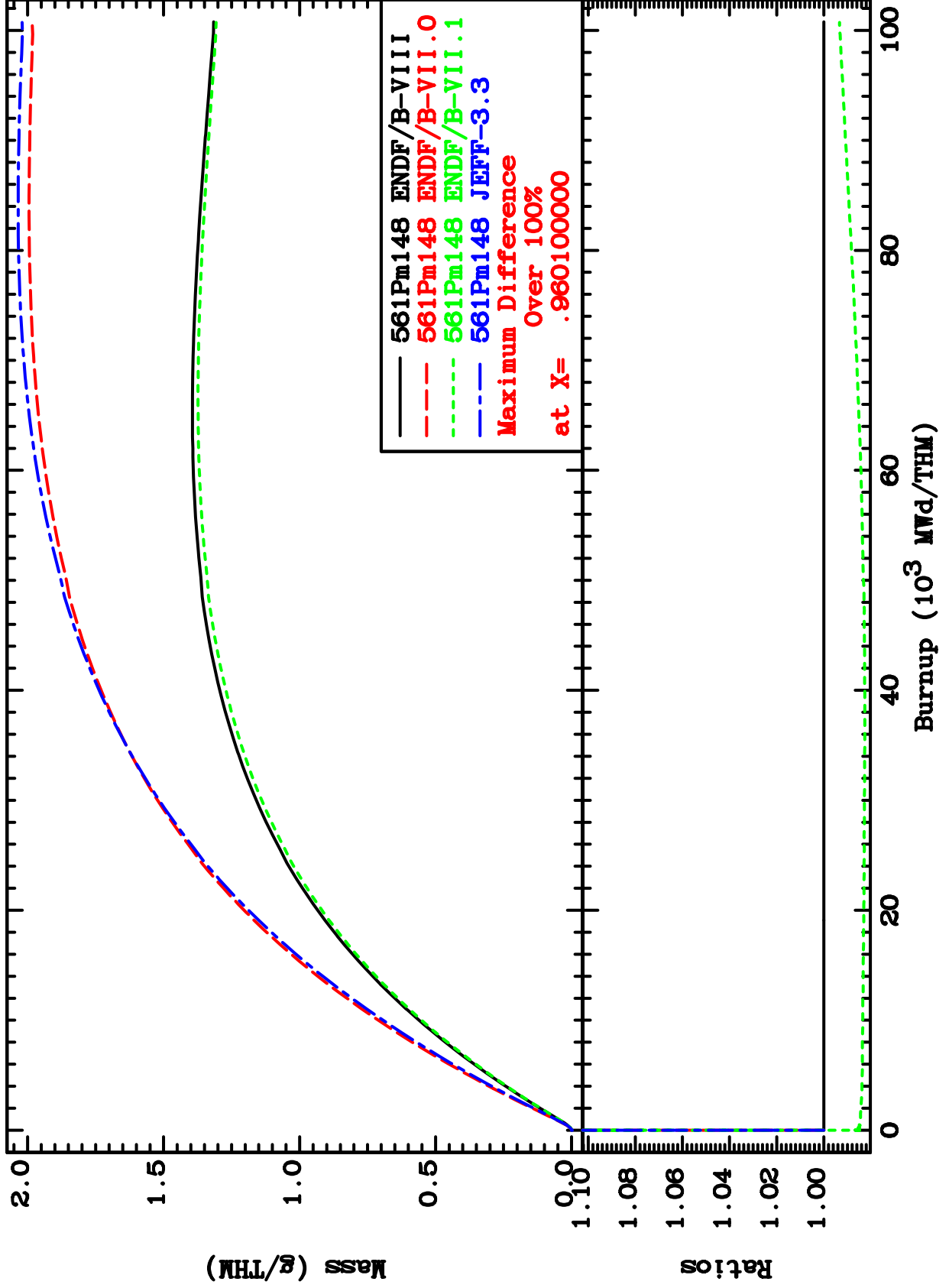
Mass of 61-Pm-148 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



— 61Pm148 ENDF/B-VIII  
 - - - 61Pm148 ENDF/B-VII.0  
 - - - 61Pm148 ENDF/B-VII.1  
 - - - 61Pm148 JEFF-3.3  
 Maximum Difference  
 Over 100%  
 at X= .960100000

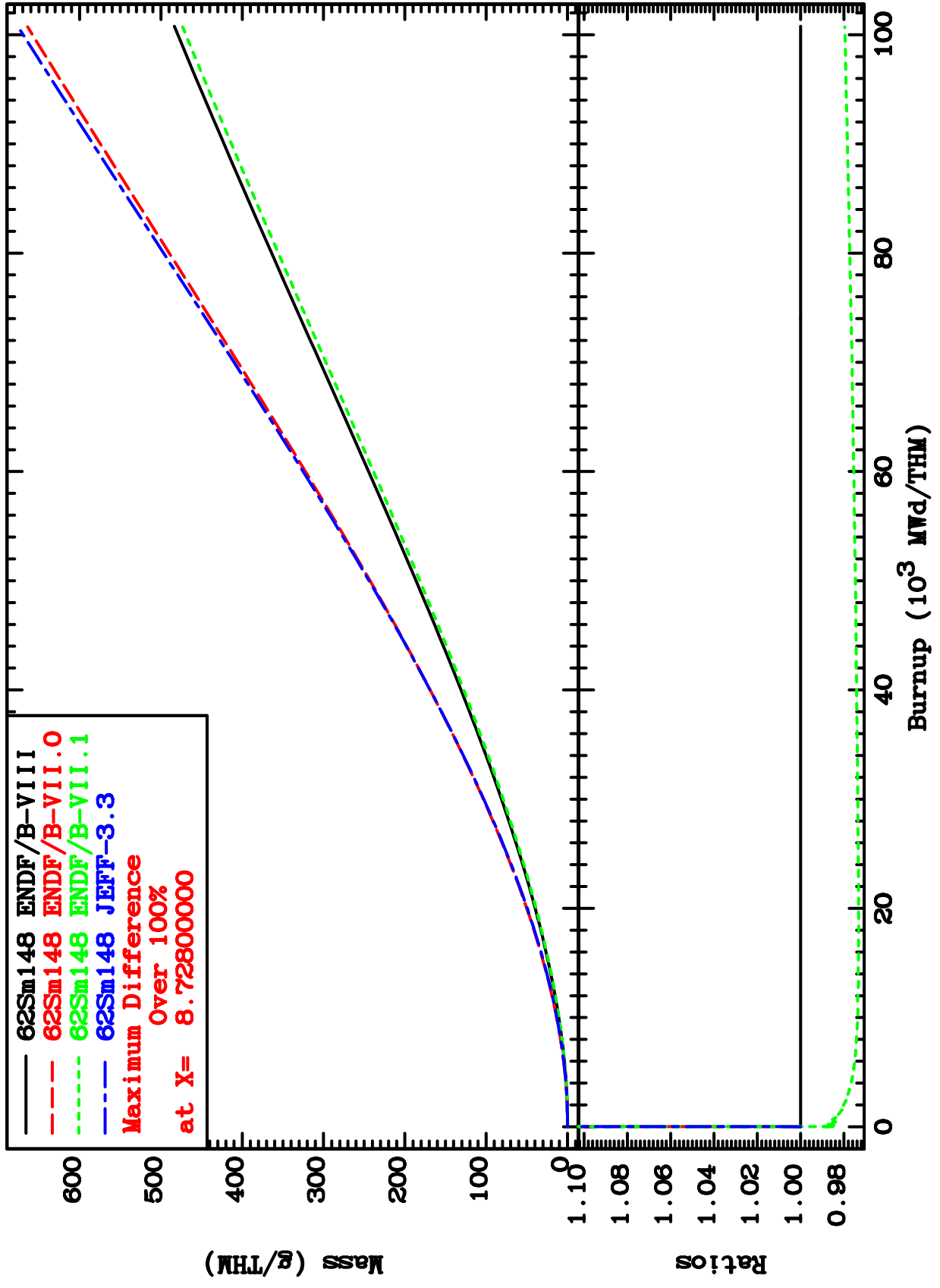
Mass of 561-Pm-148 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



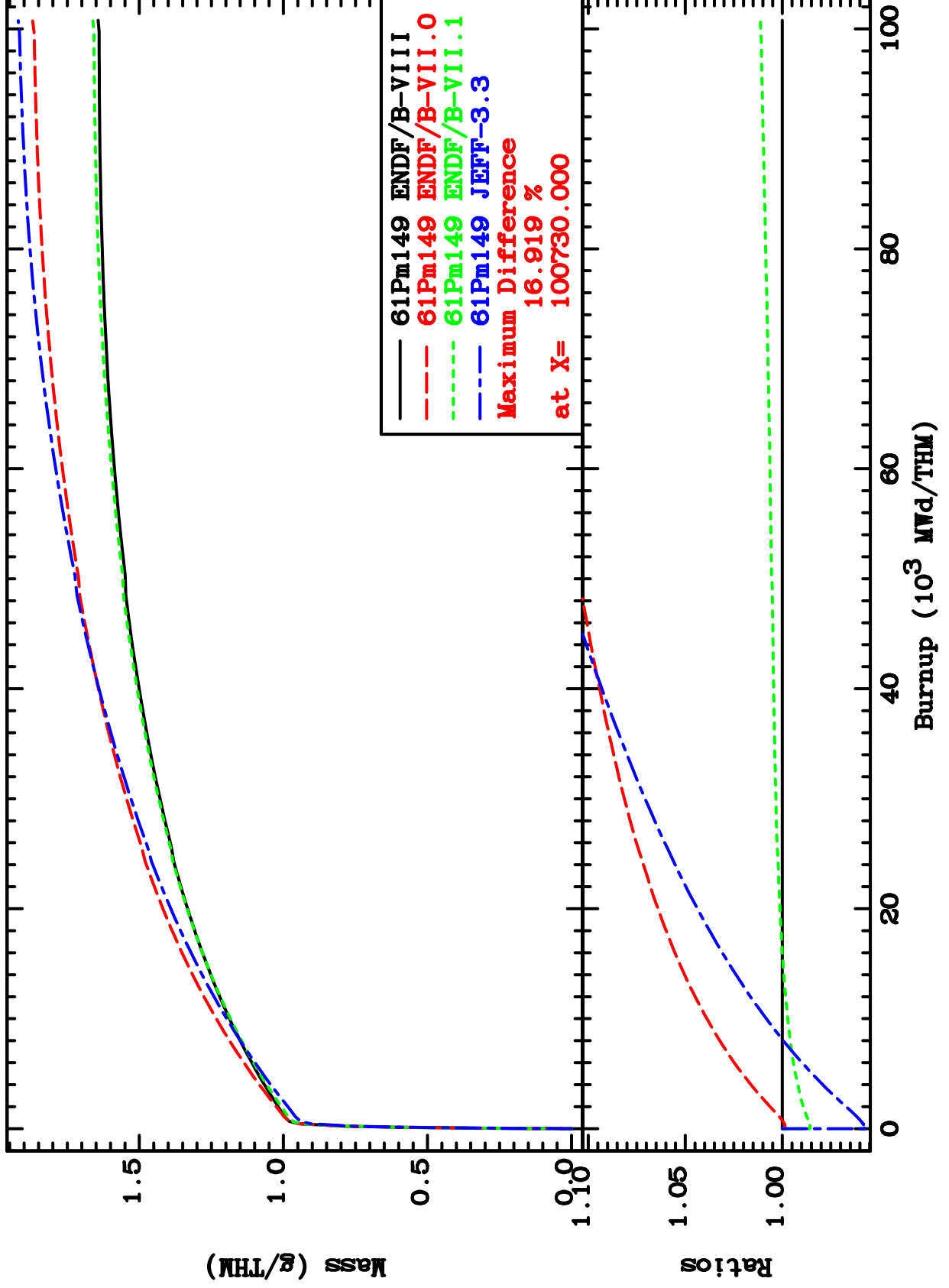


Mass of 62Sm-148 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



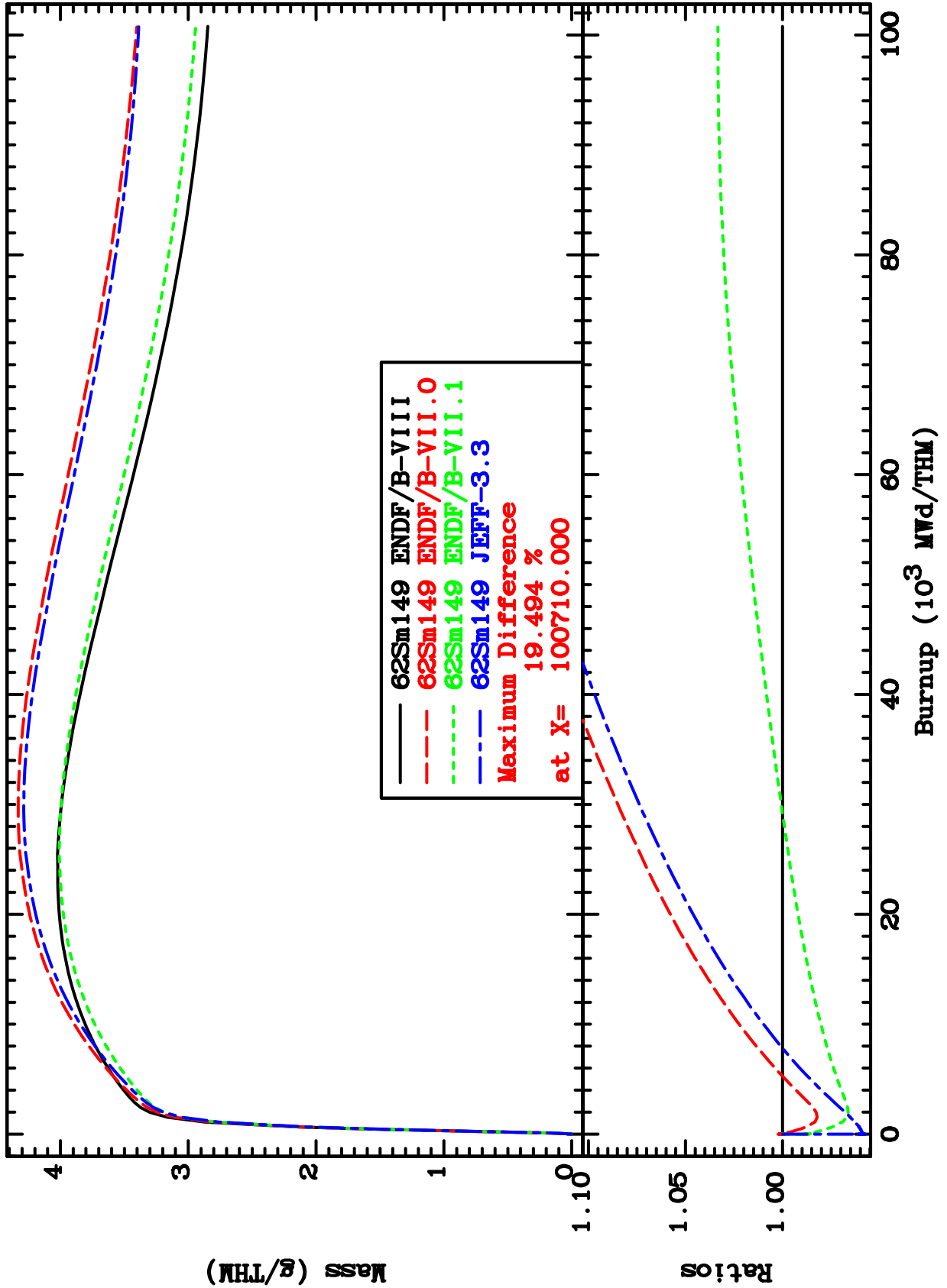
Mass of 61-Pm-149 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

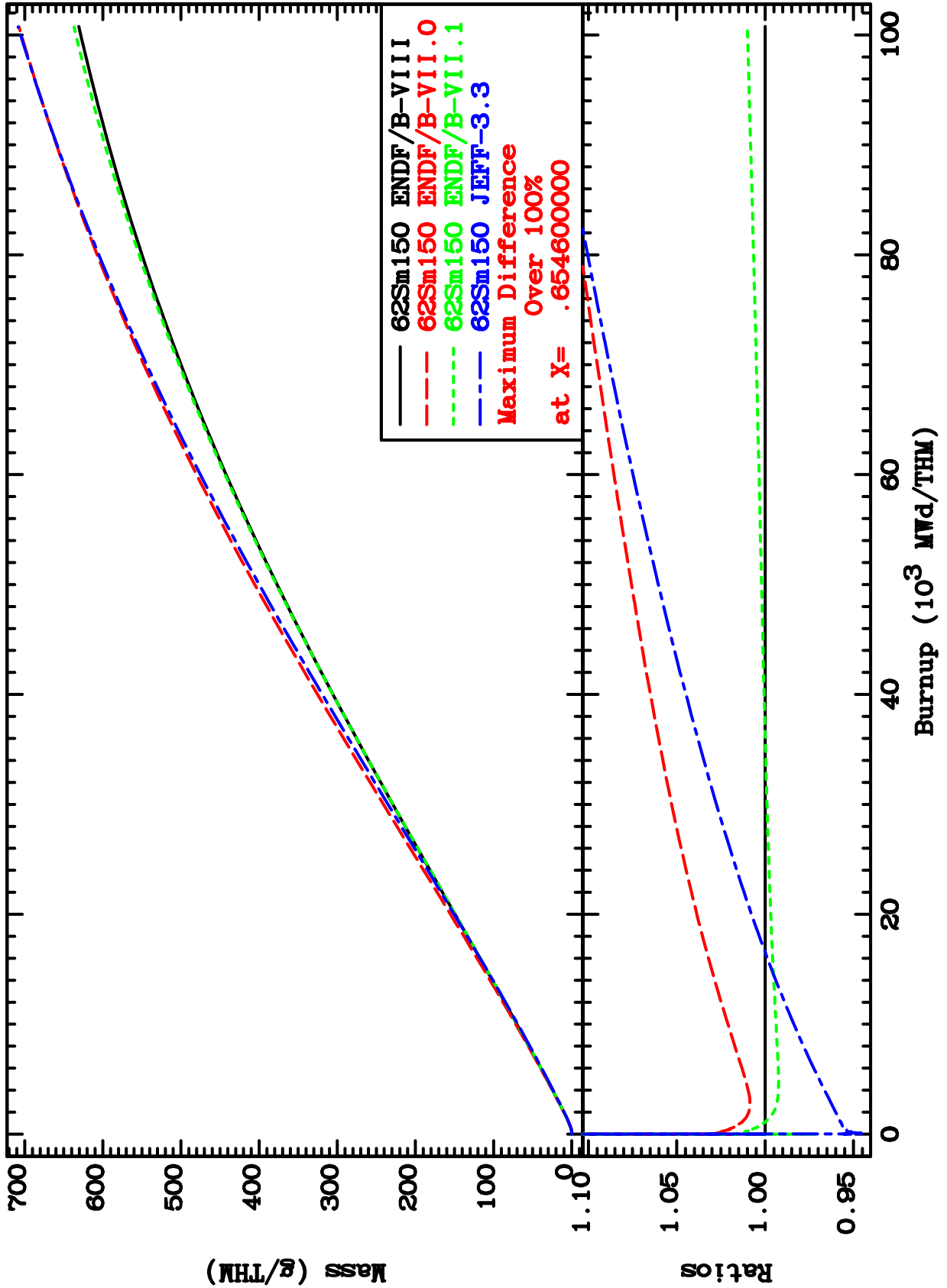


Mass of 62-Sm-149 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

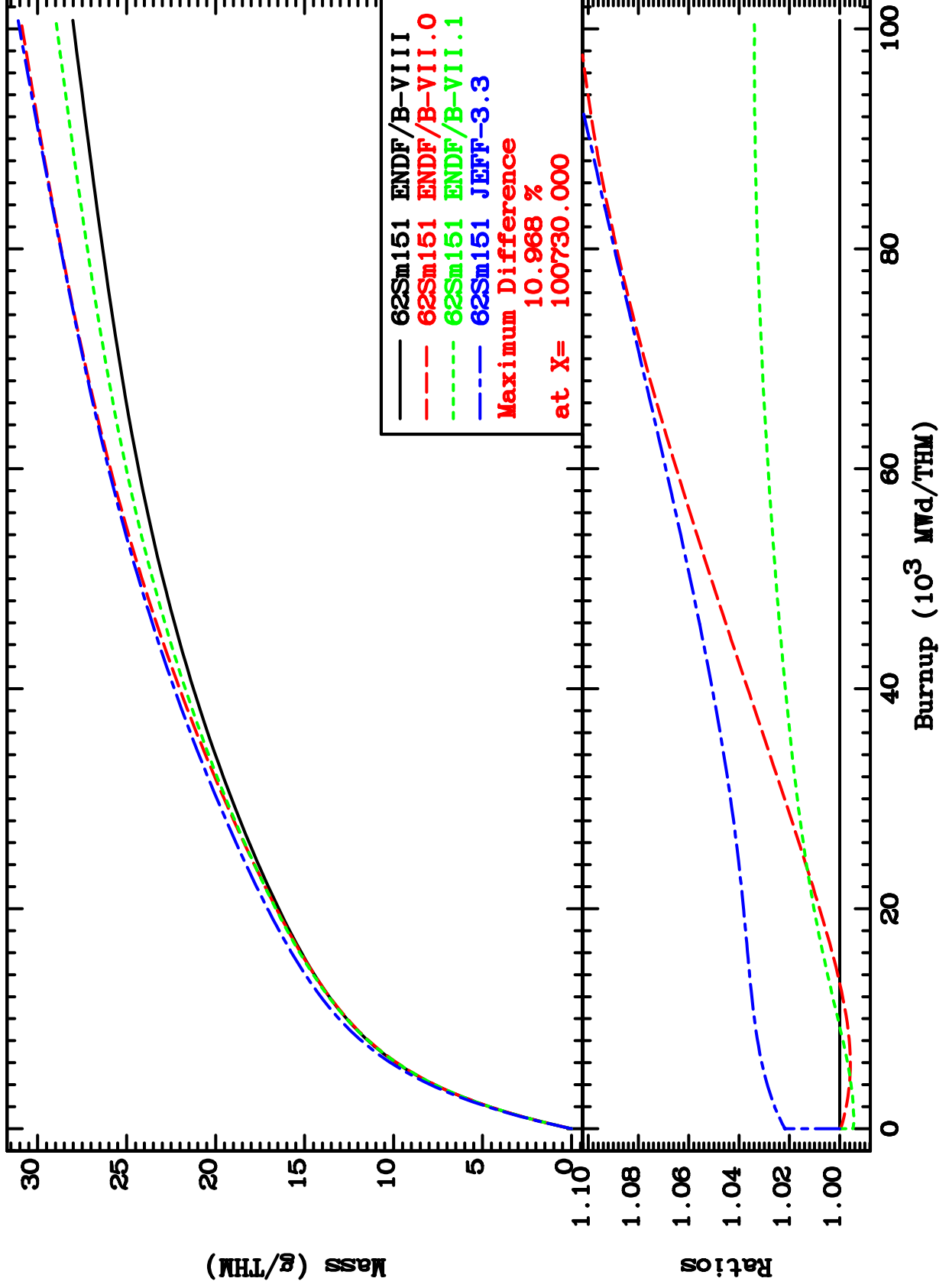


Mass of 62-Sm-150 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



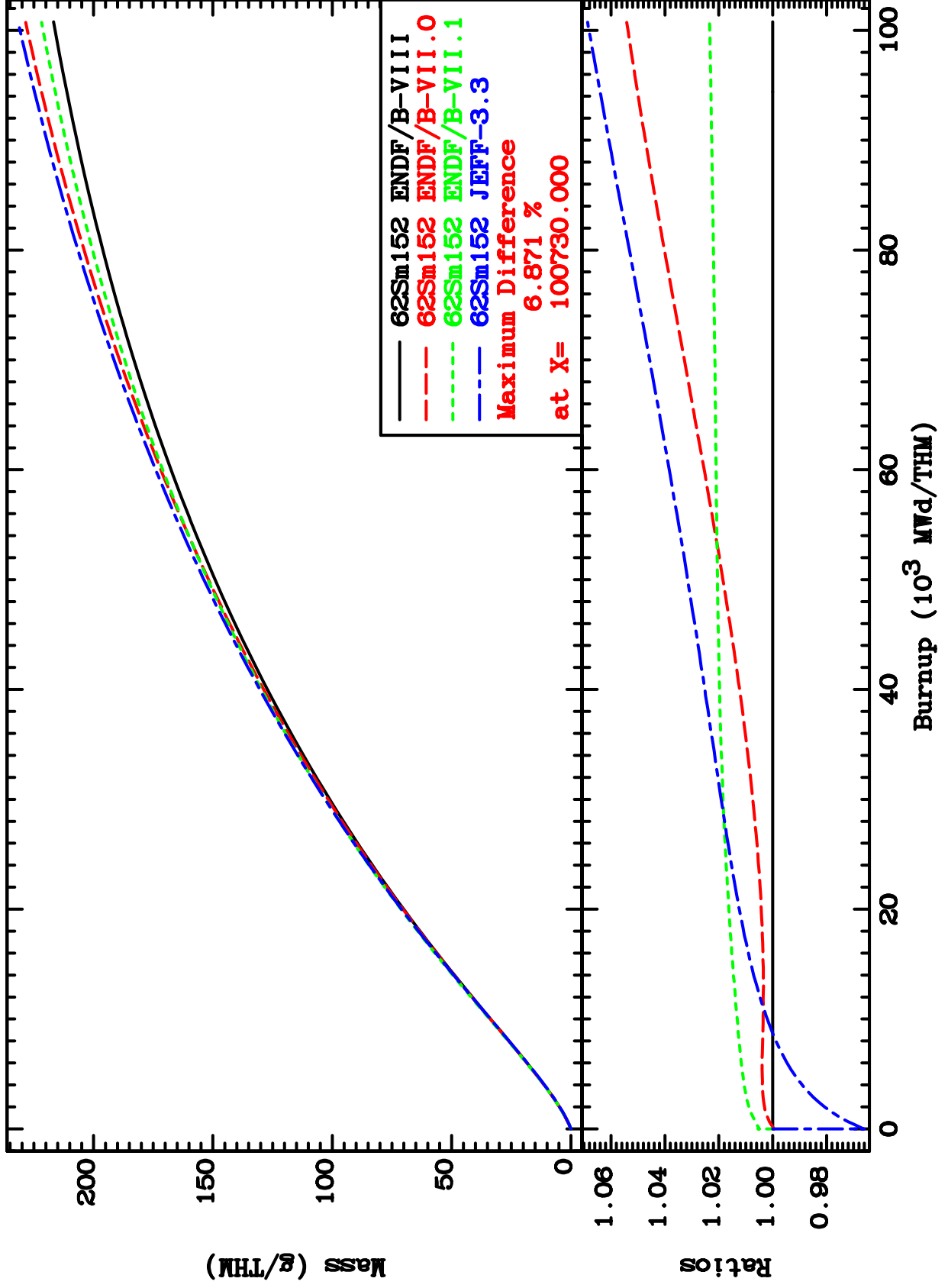
Mass of 62-Sm-151 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

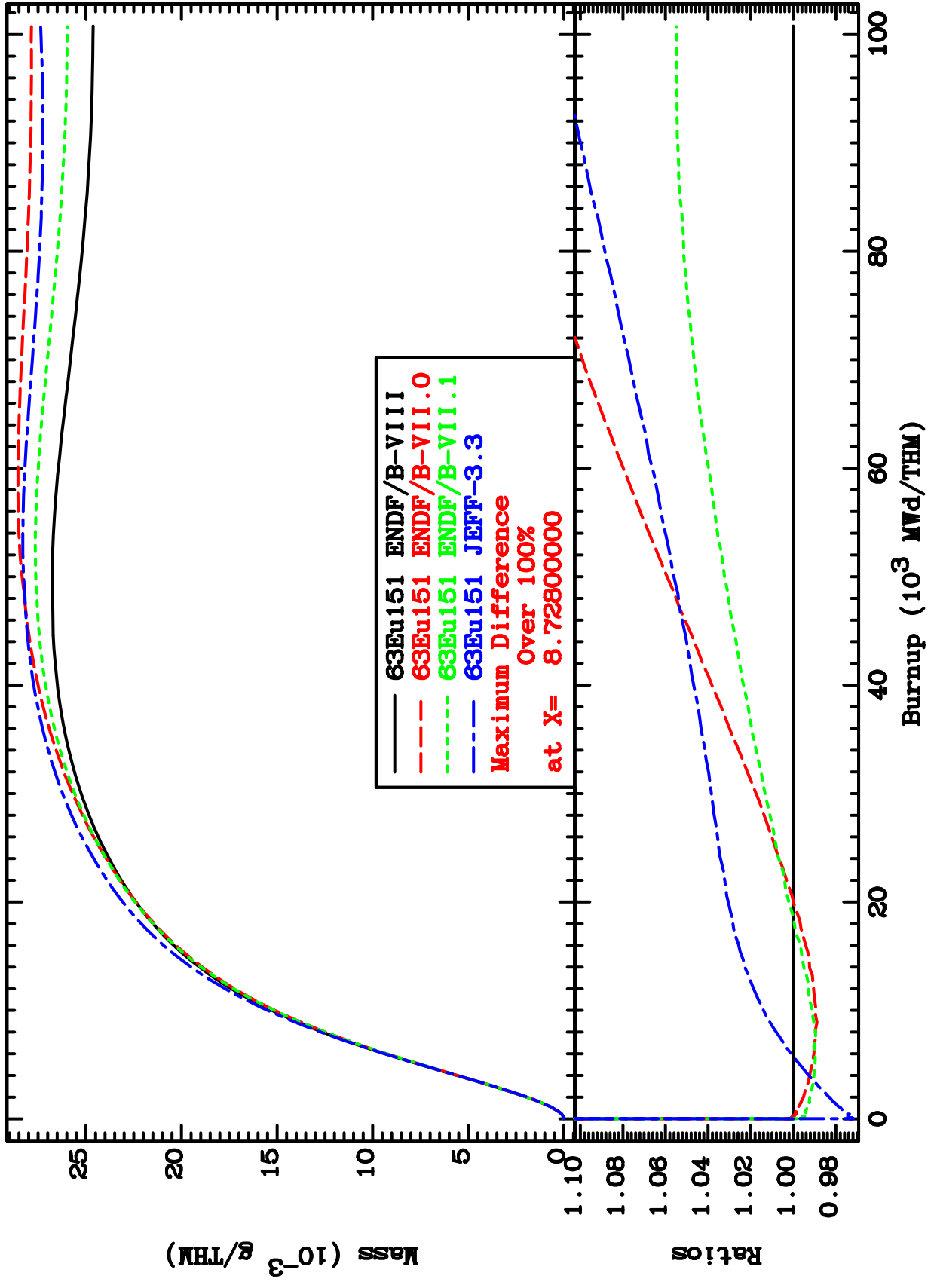


Mass of 62-Sm-152 vs Burnup in the assembly type FB - V5 E= 5.200

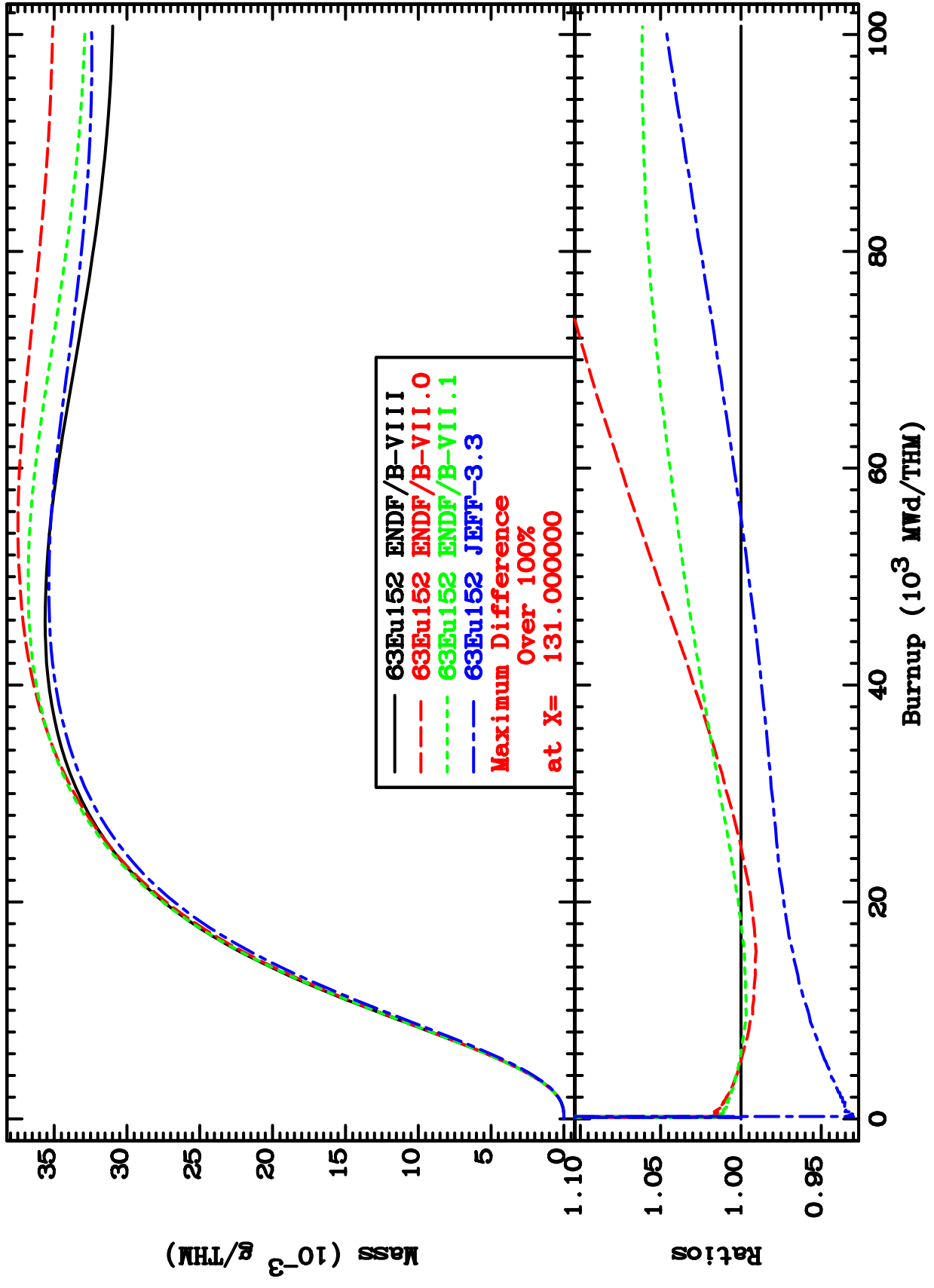
RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



Mass of <sup>63</sup>Eu-151 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

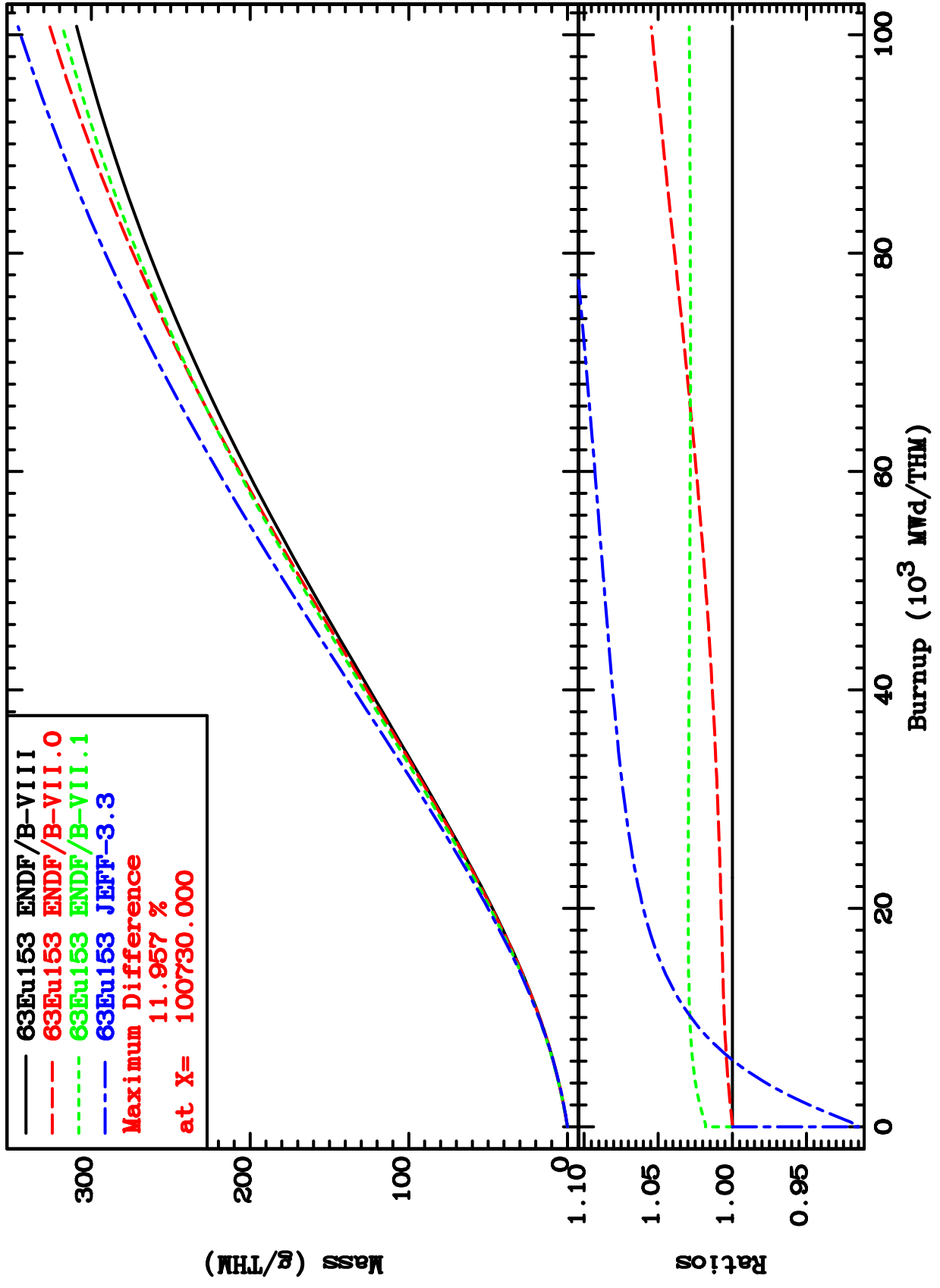


Mass of <sup>63</sup>Eu-152 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



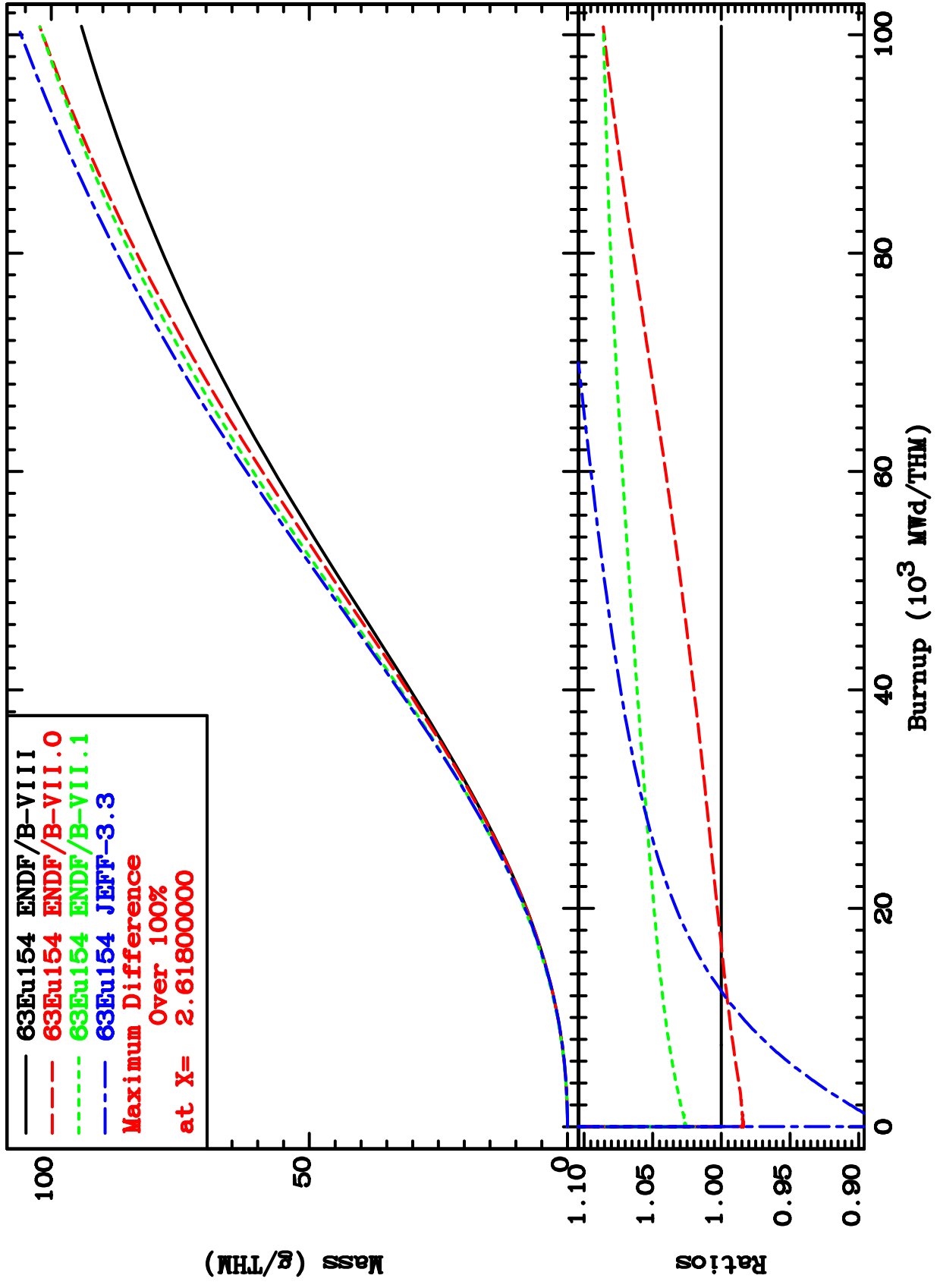


Mass of <sup>63</sup>Eu-153 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

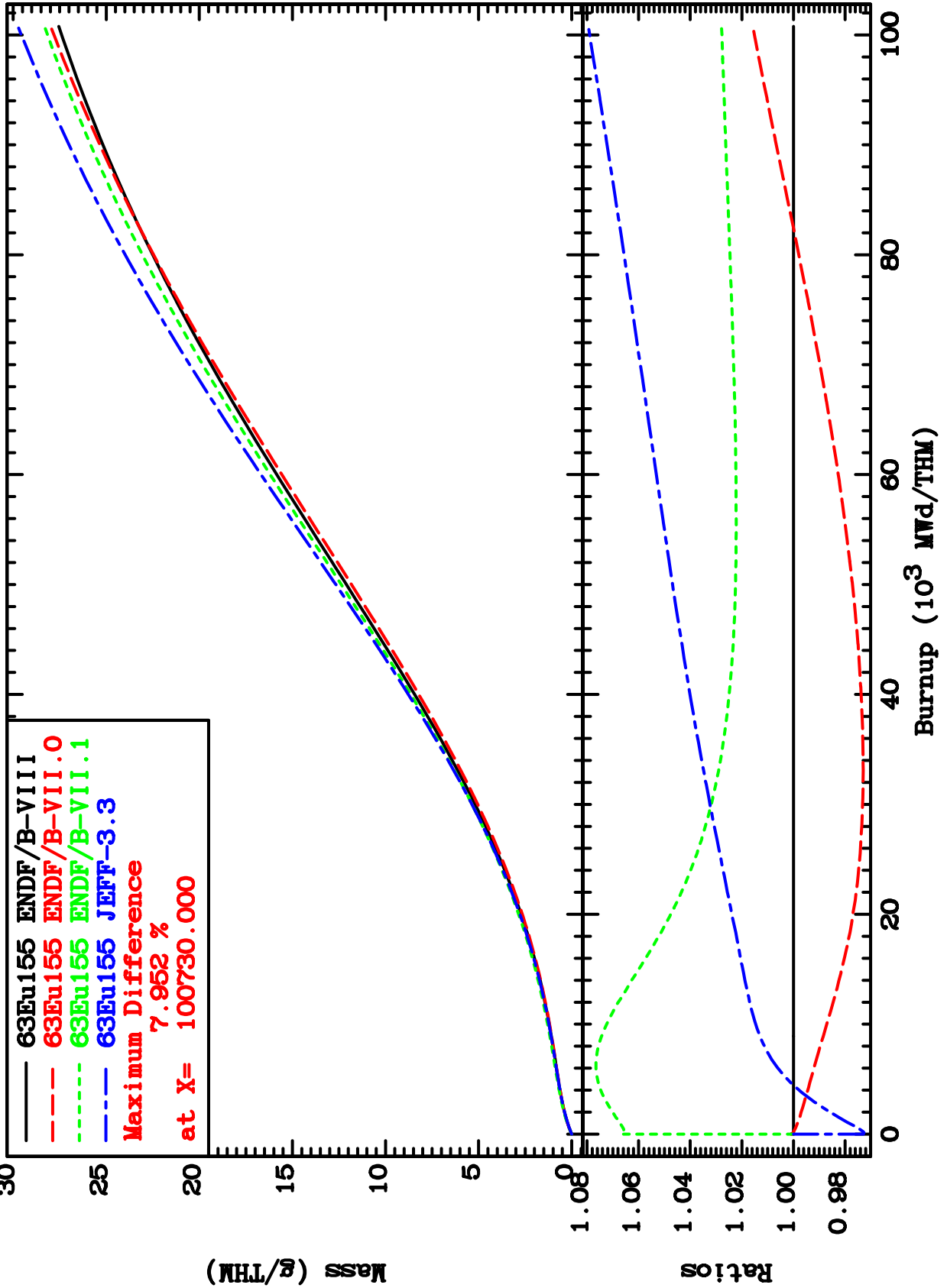


— 63Eu153 ENDF/B-VIII  
 - - - 63Eu153 ENDF/B-VII.0  
 . . . 63Eu153 ENDF/B-VII.1  
 - . - 63Eu153 JEFF-3.3  
 Maximum Difference  
 11.957 %  
 at X= 100730.000

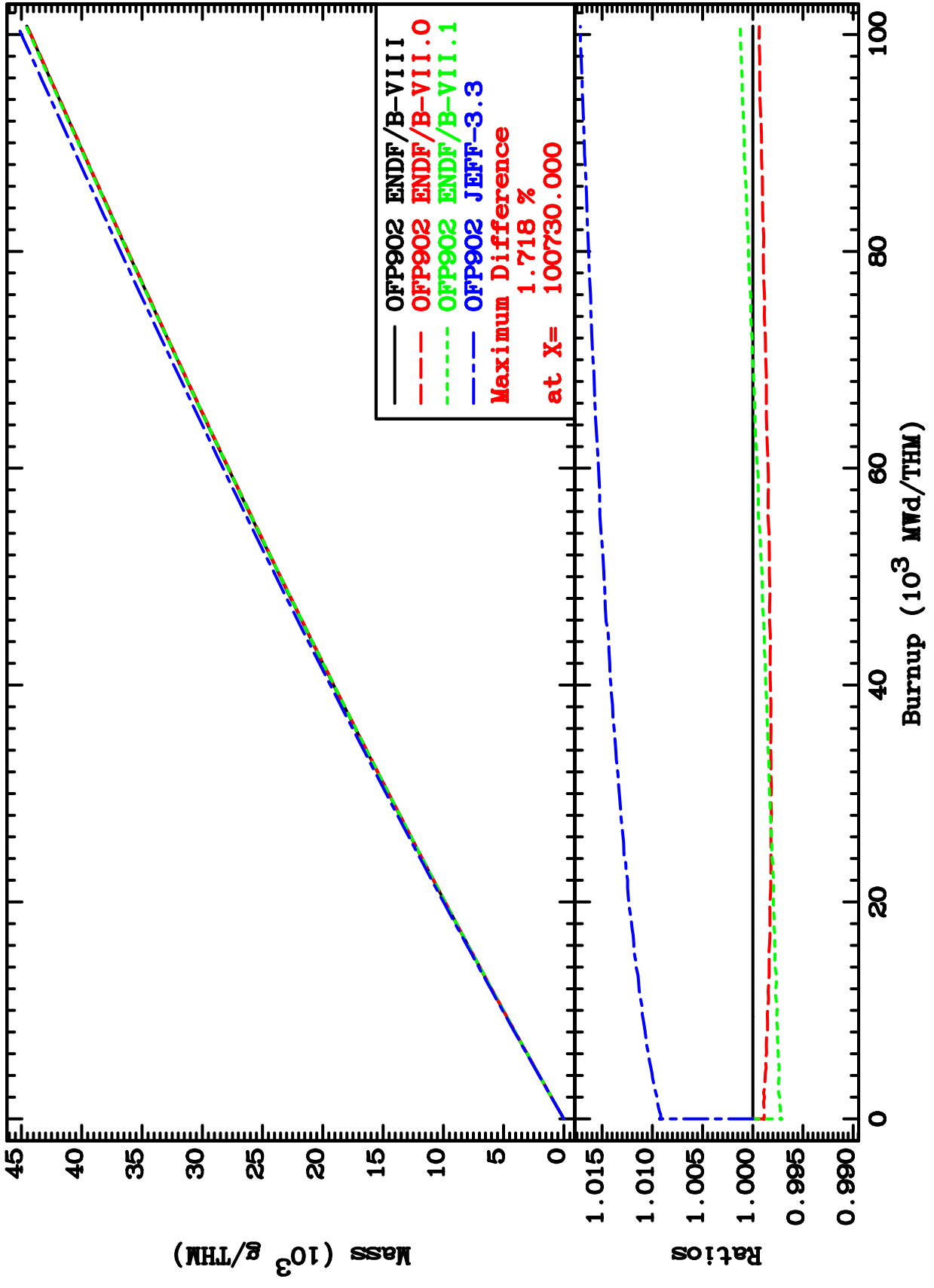
Mass of <sup>63</sup>Eu-154 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



Mass of <sup>63</sup>Eu-155 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

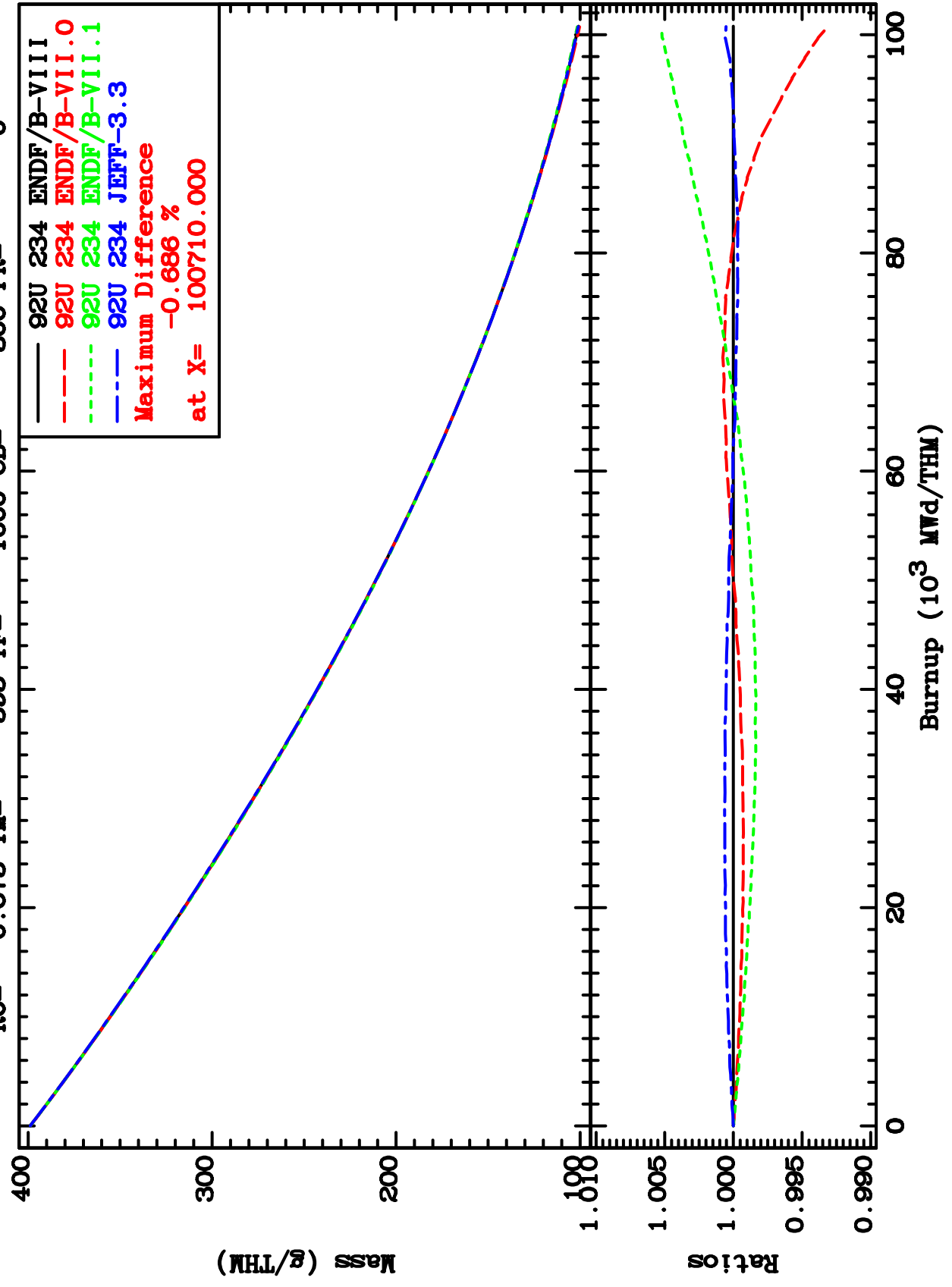


Mass of O-FP-902 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



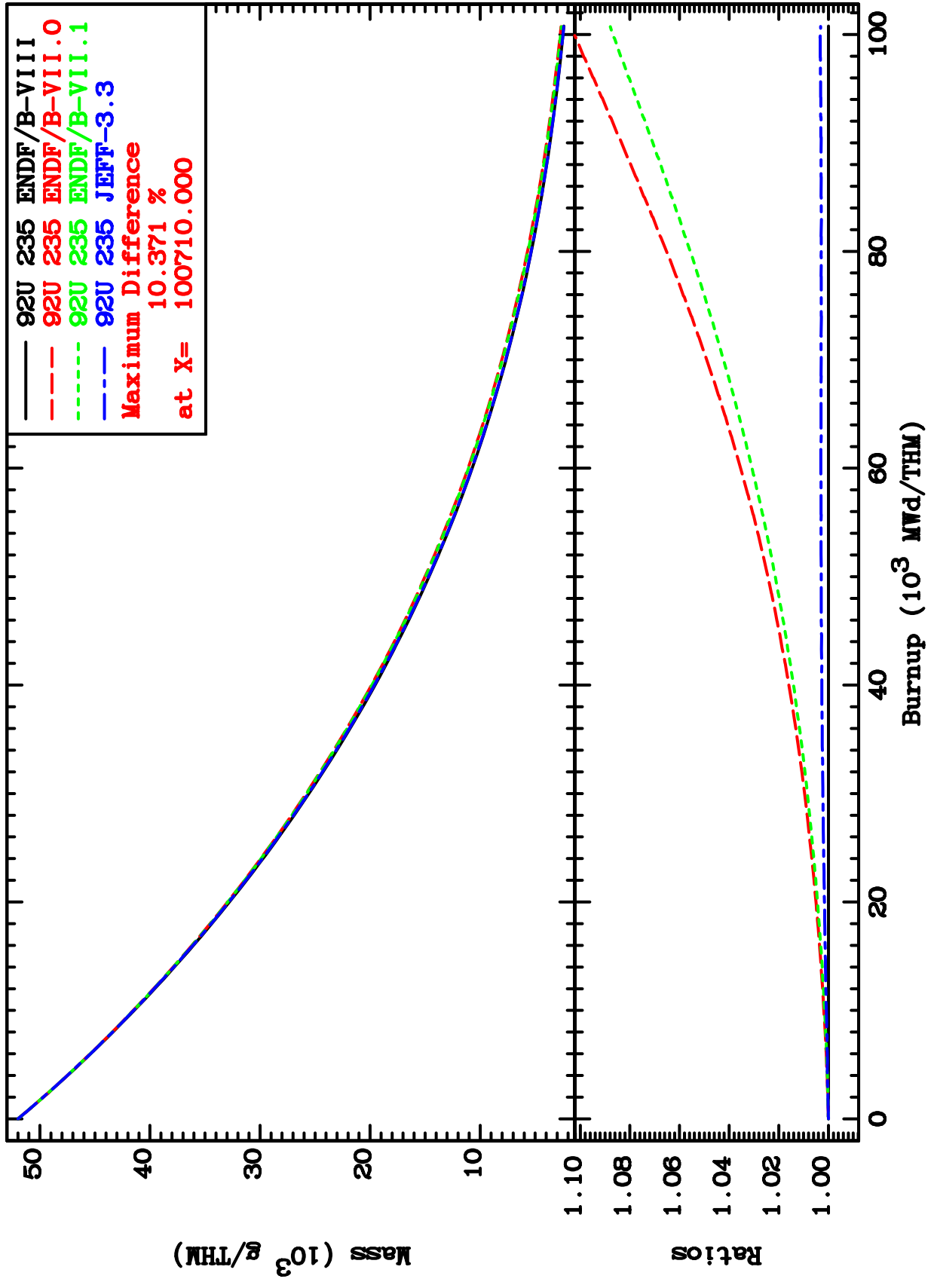
Mass of 92-U -234 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

— 92U 234 ENDF/B-VIII  
 - - - 92U 234 ENDF/B-VII.0  
 ···· 92U 234 ENDF/B-VII.1  
 - - - 92U 234 JEFF-3.3  
 Maximum Difference  
 -0.686 %  
 at X= 100710.000

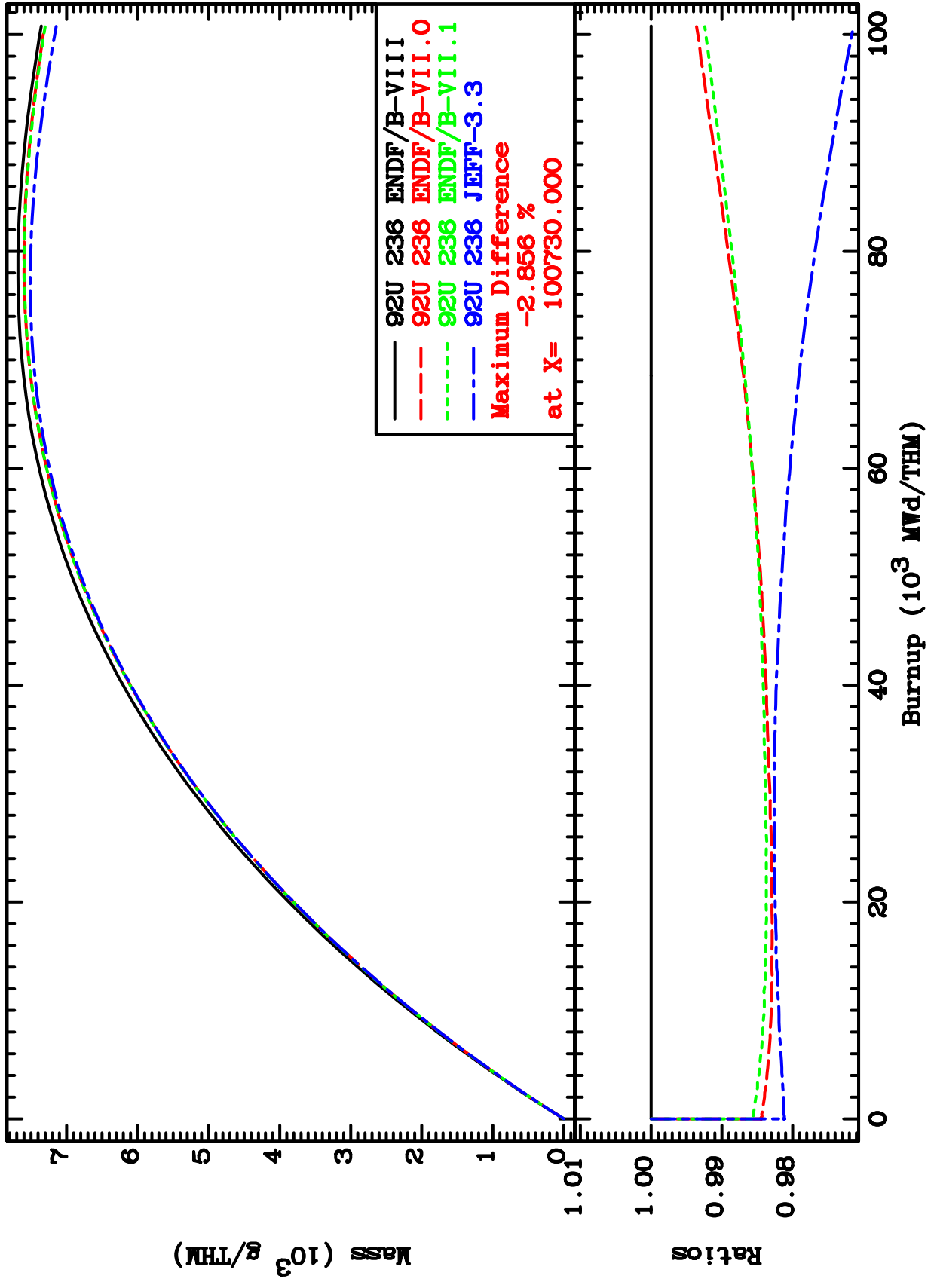


Mass of 92-U -235 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

— 92U 235 ENDF/B-VIII  
 - - - 92U 235 ENDF/B-VII.0  
 ···· 92U 235 ENDF/B-VII.1  
 - · - 92U 235 JEFF-3.3  
 Maximum Difference  
 10.371 %  
 at X= 100710.000

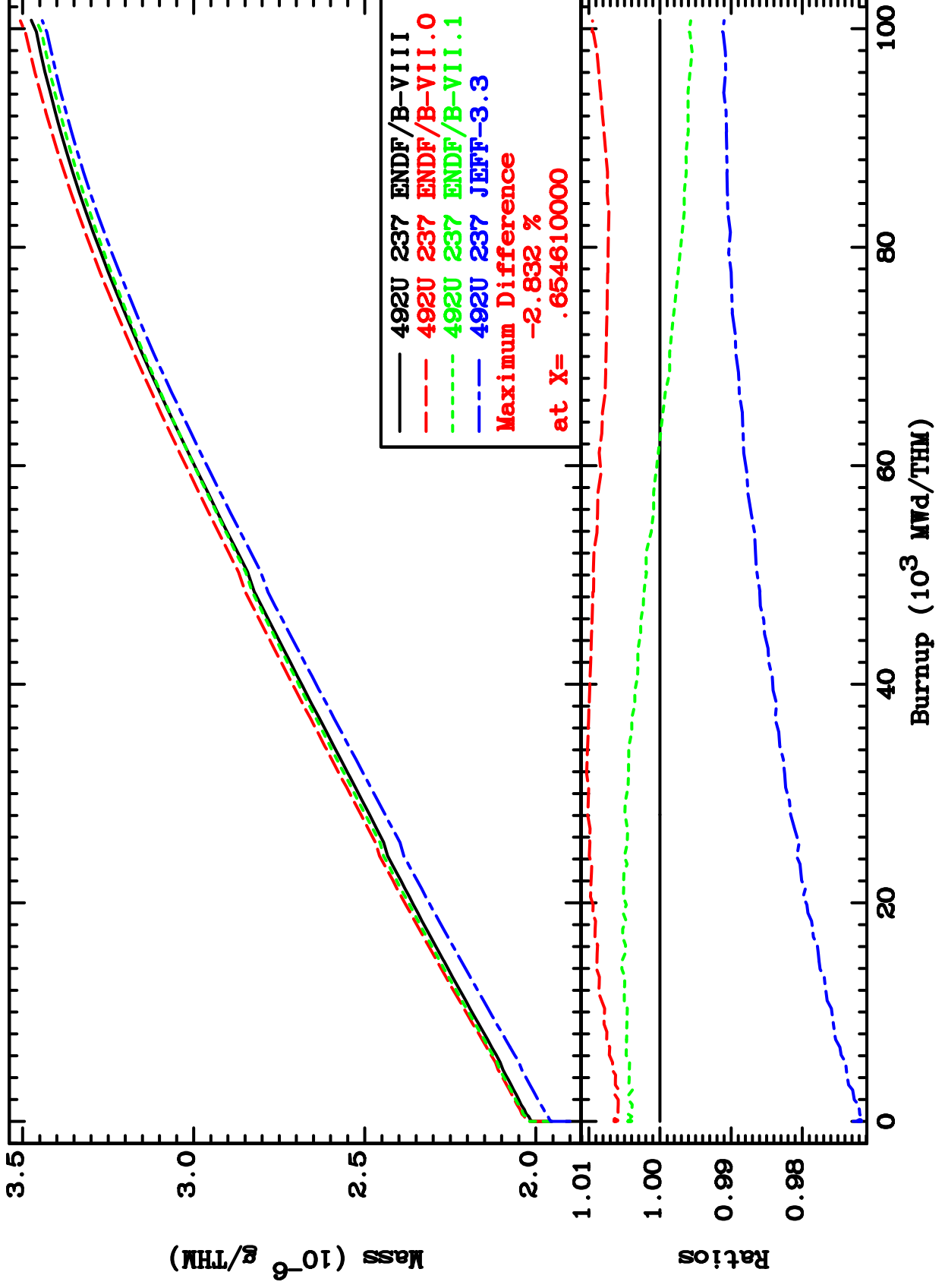


Mass of 92-U -236 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



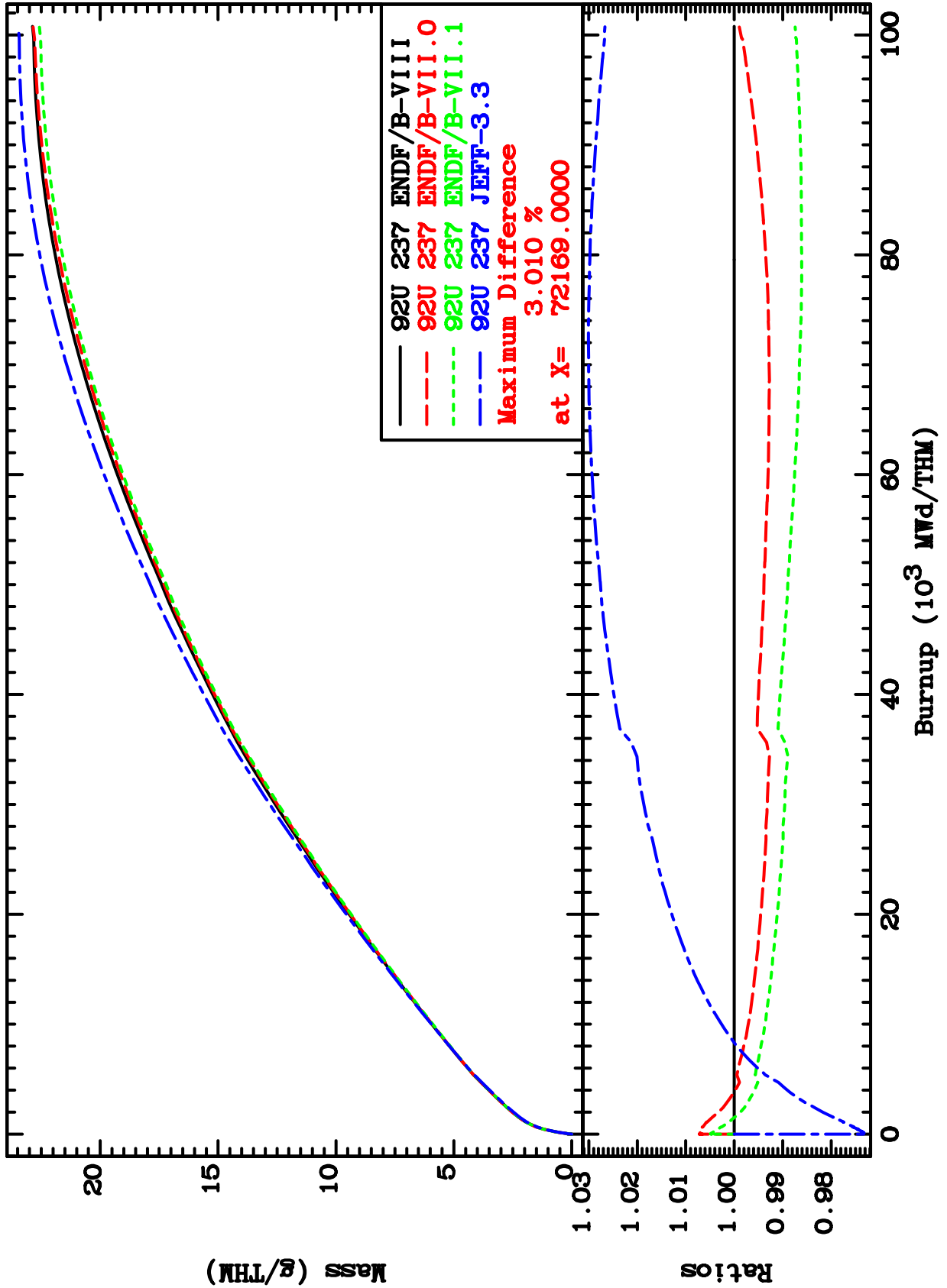
Mass of 492-U -237 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

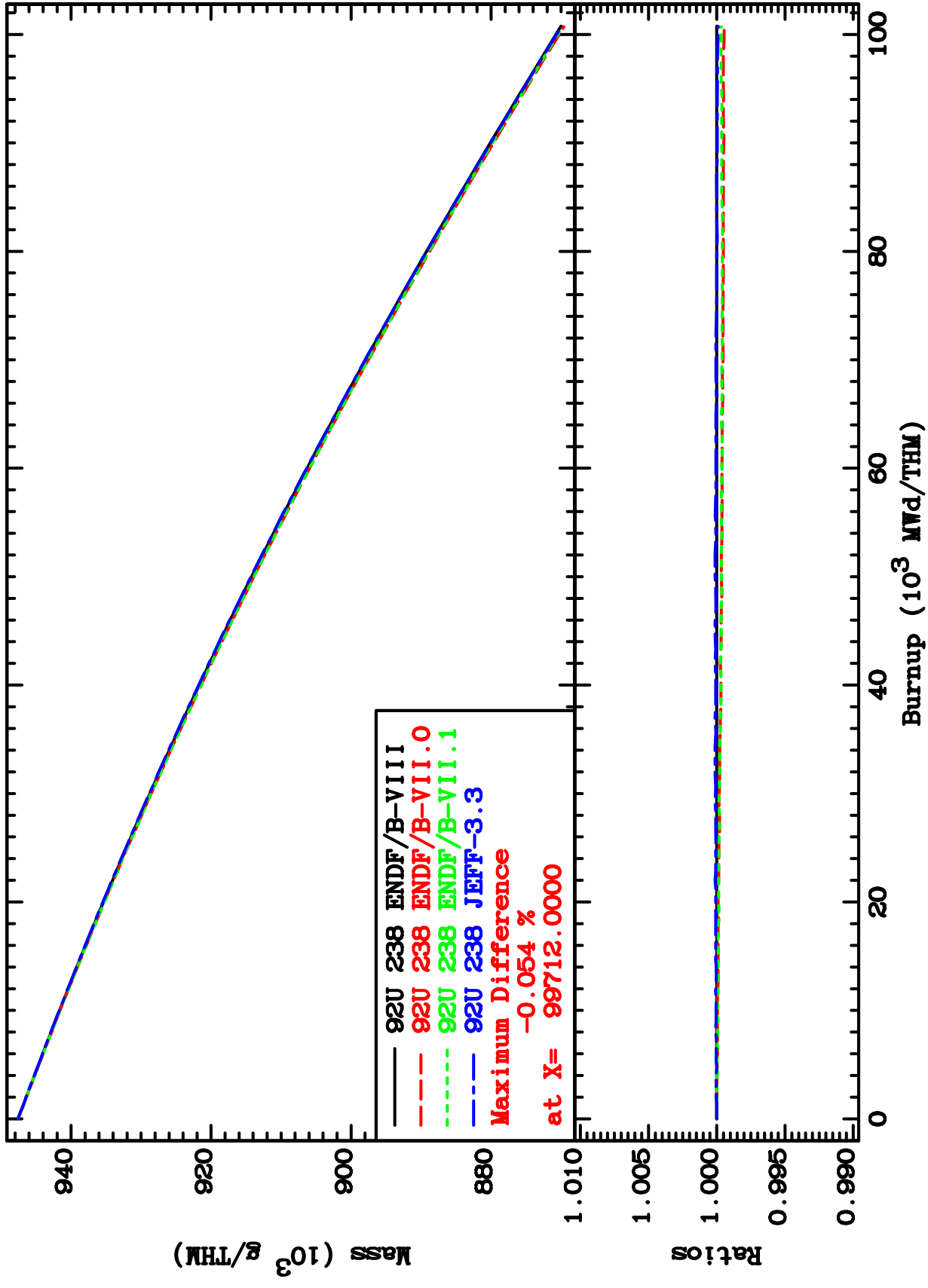




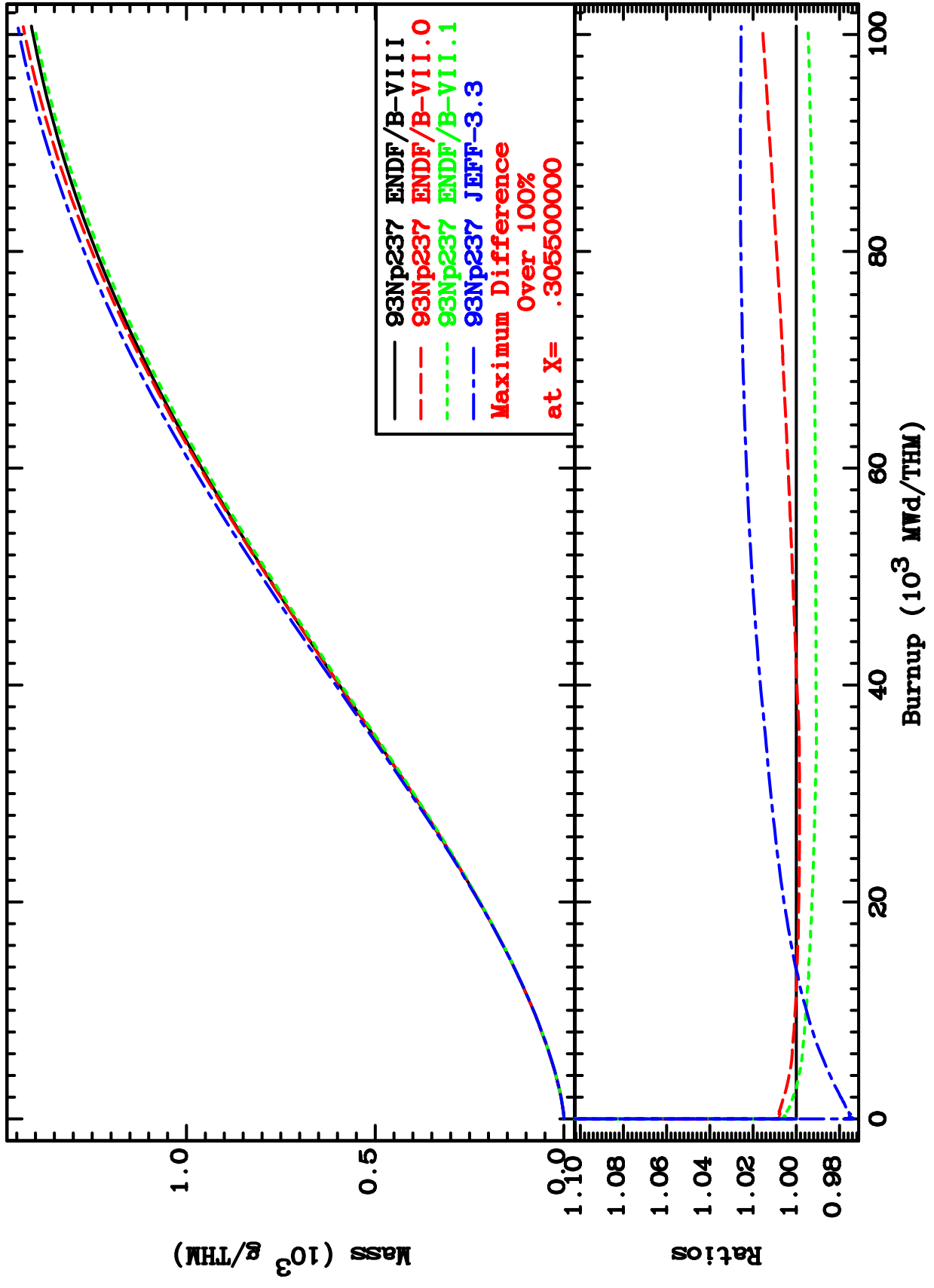
Mass of 92-U -237 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



Mass of 92-U -238 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



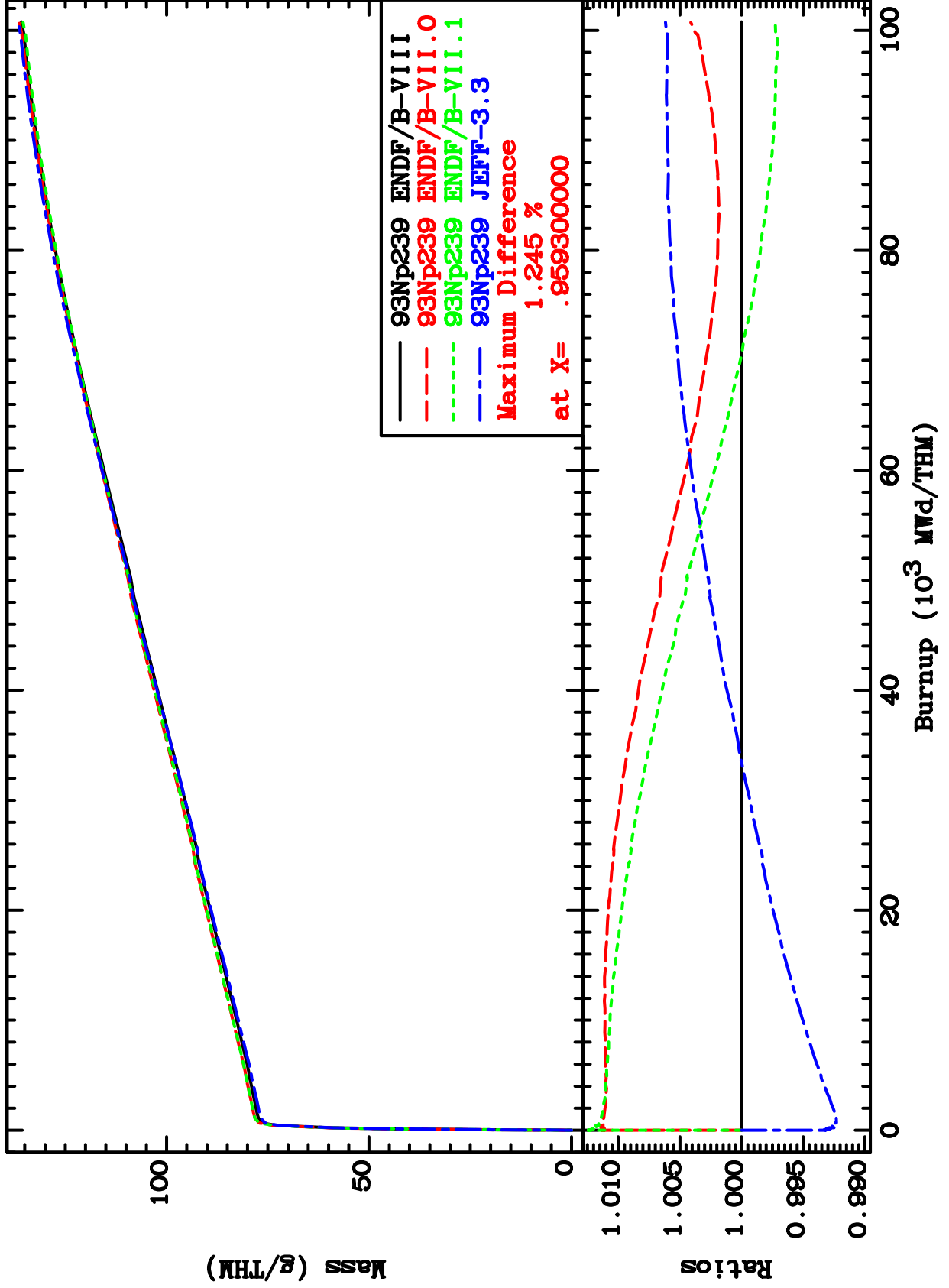
Mass of 93-Np-237 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



93Np237 ENDF/B-VIII  
 93Np237 ENDF/B-VII.0  
 93Np237 ENDF/B-VII.1  
 93Np237 JEFF-3.3  
 Maximum Difference  
 Over 100%  
 at X= .305500000

Mass of <sup>93</sup>Np-239 vs Burnup in the assembly type FB - V5 E= 5.200

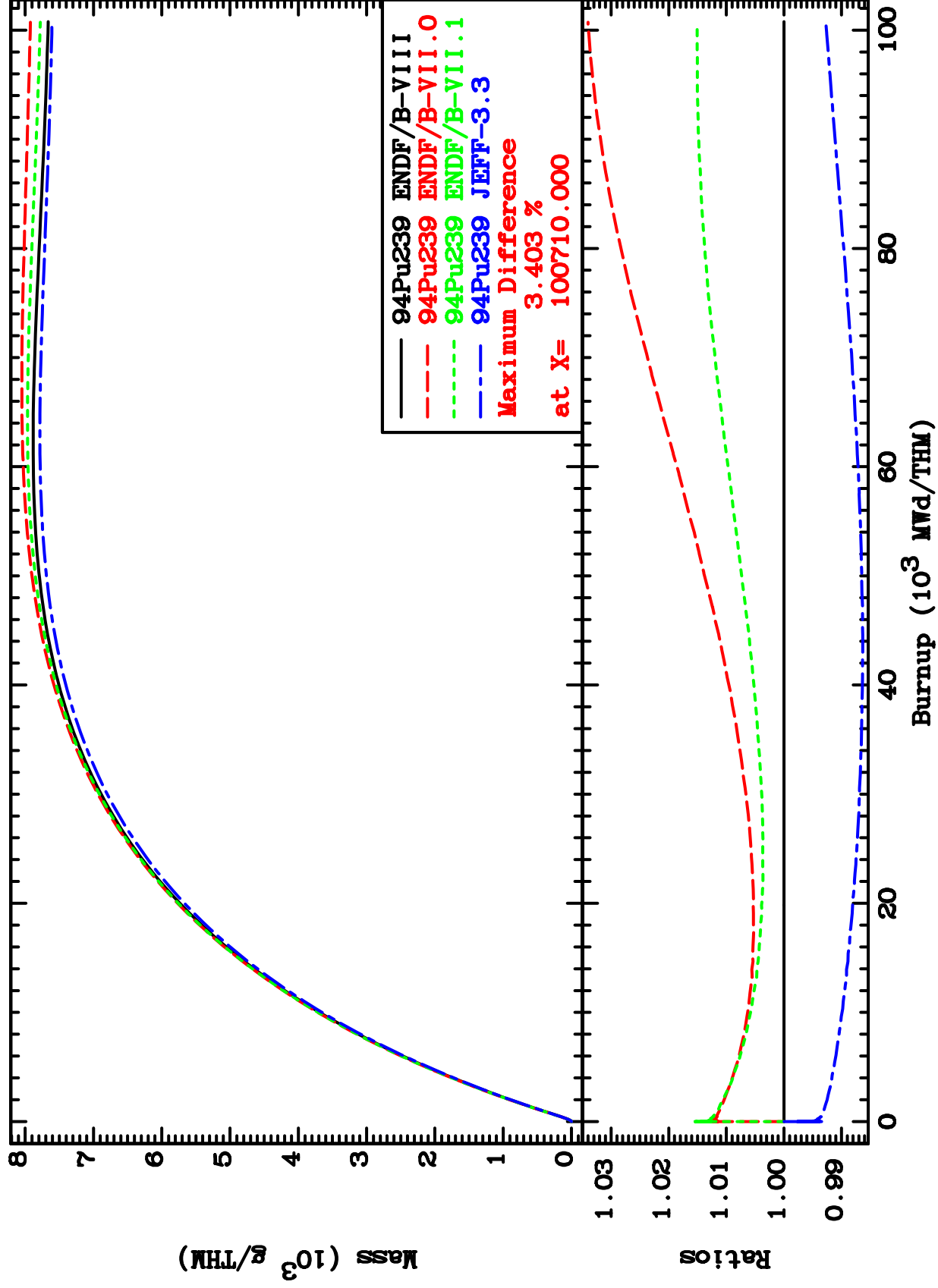
RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0





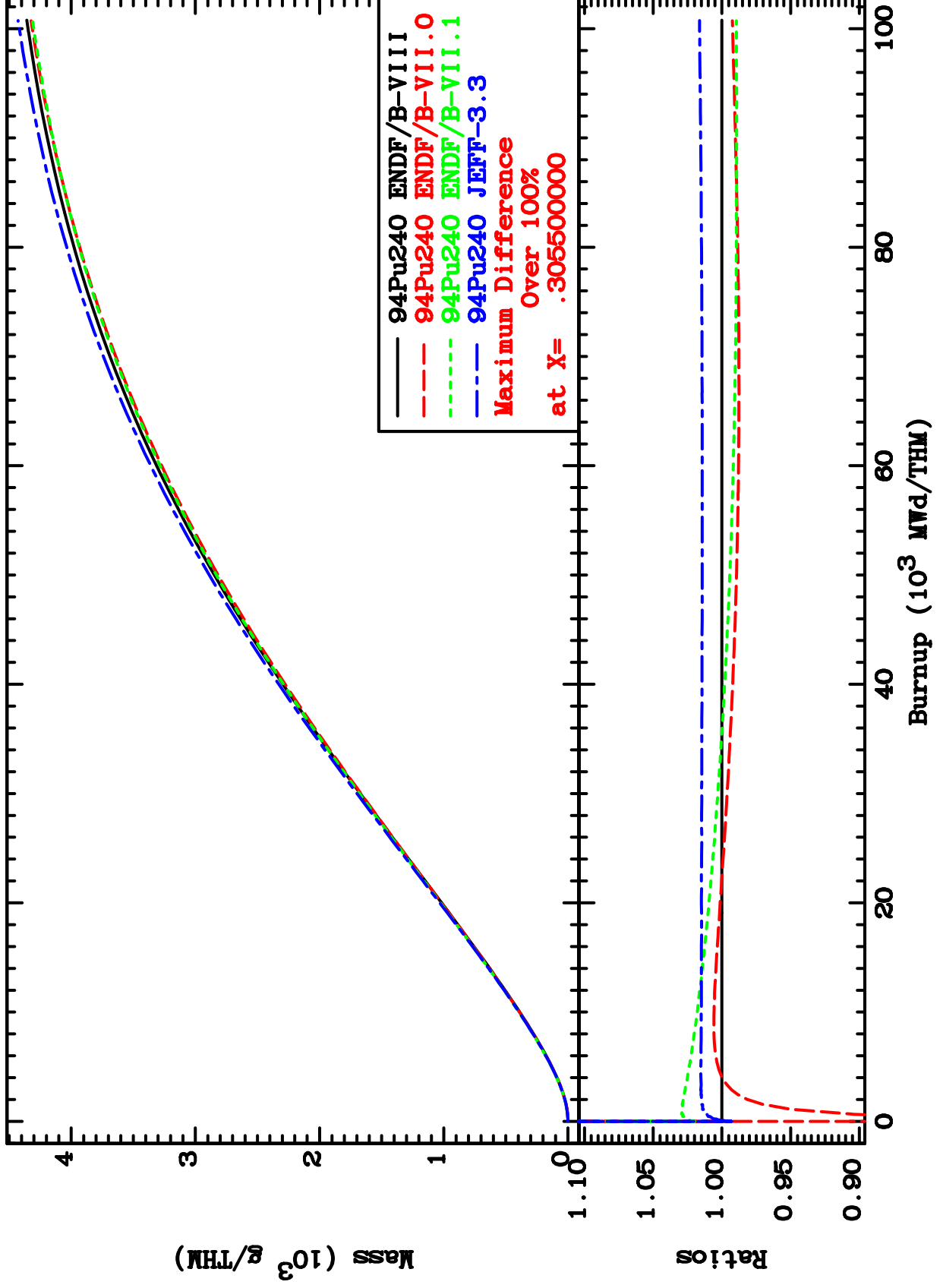
Mass of 94-Pu-239 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



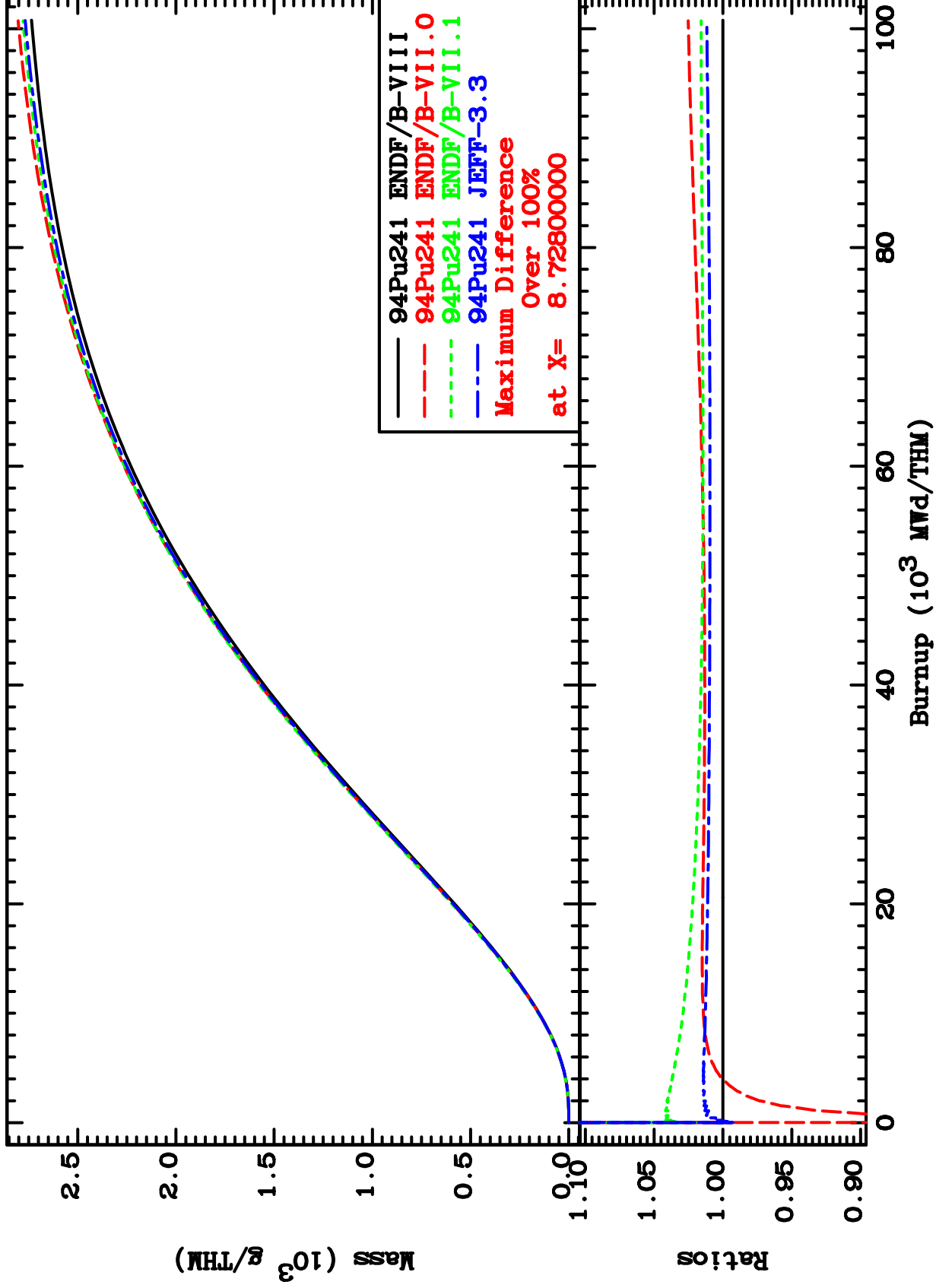
Mass of 94-Pu-240 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



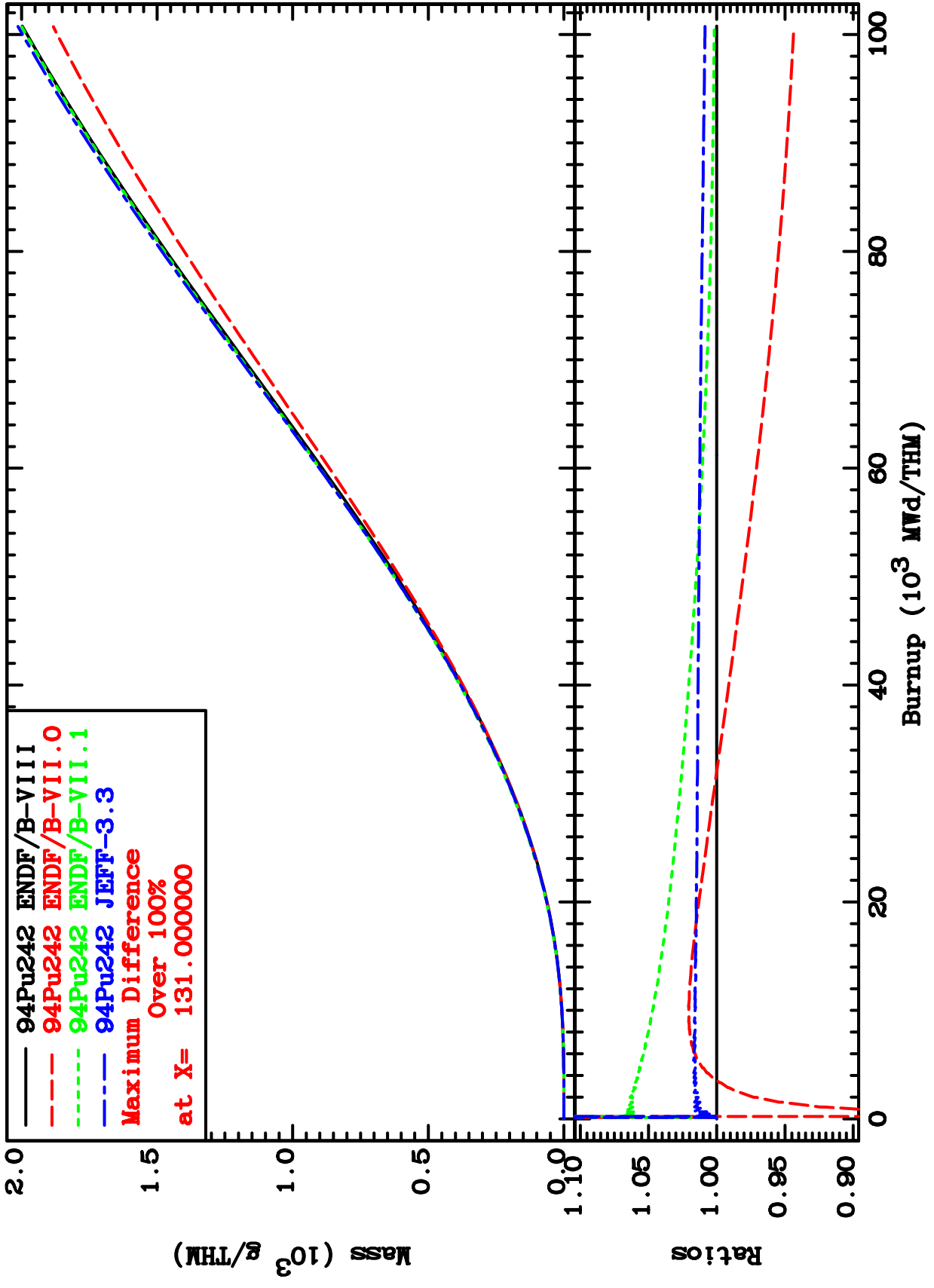
Mass of 94-Pu-241 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

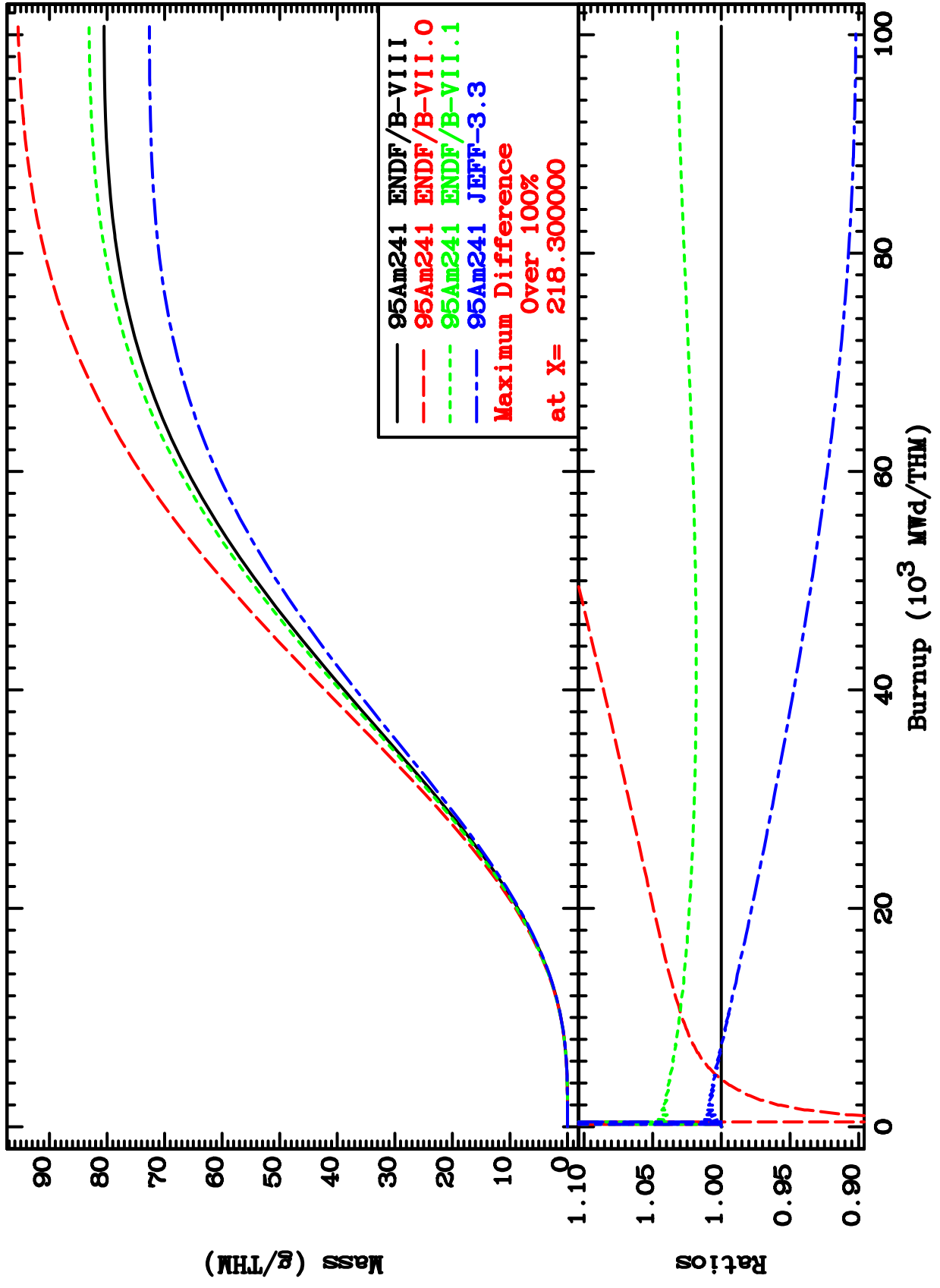




Mass of <sup>94</sup>Pu-242 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

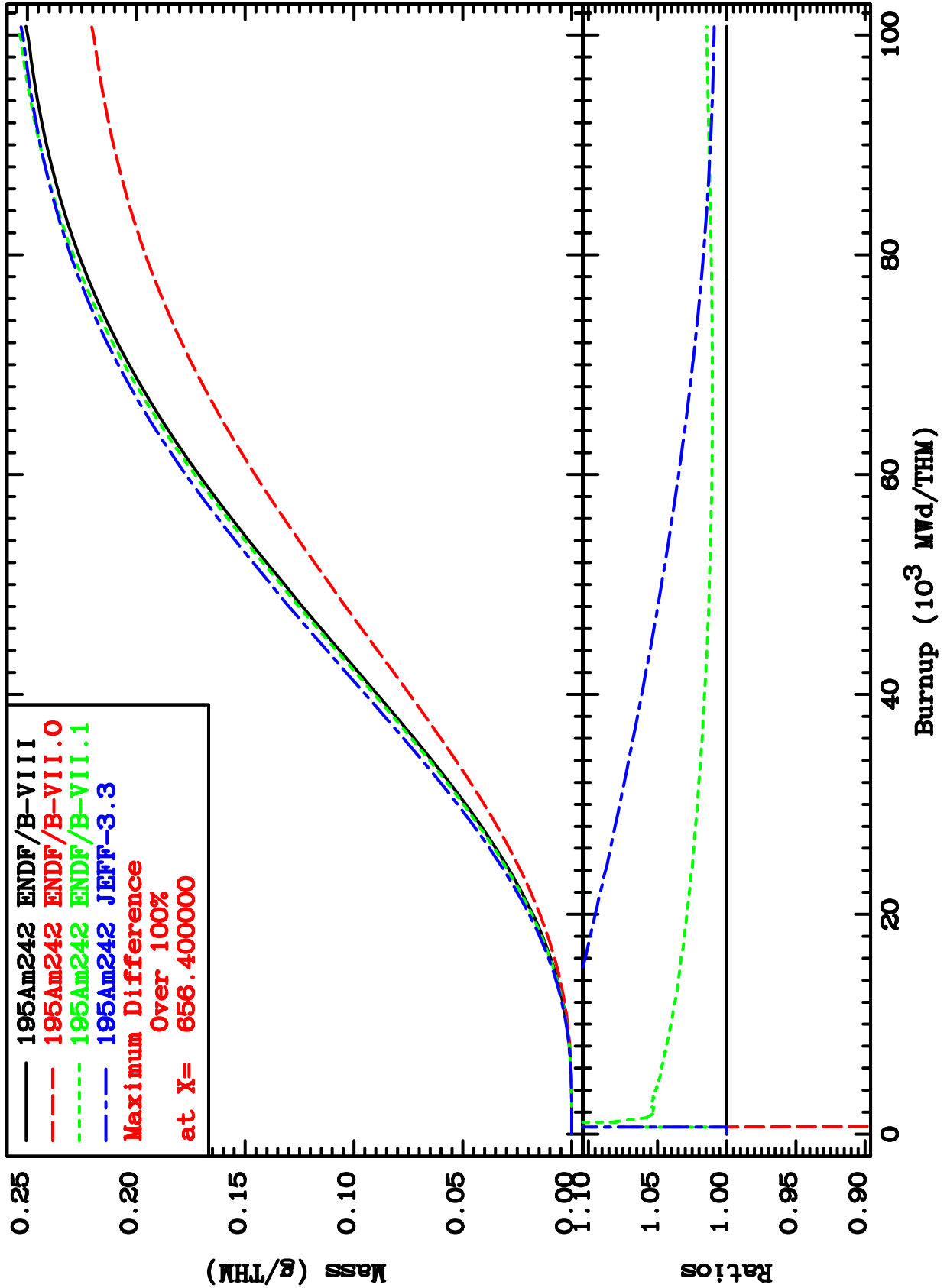


Mass of 95-Am-241 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

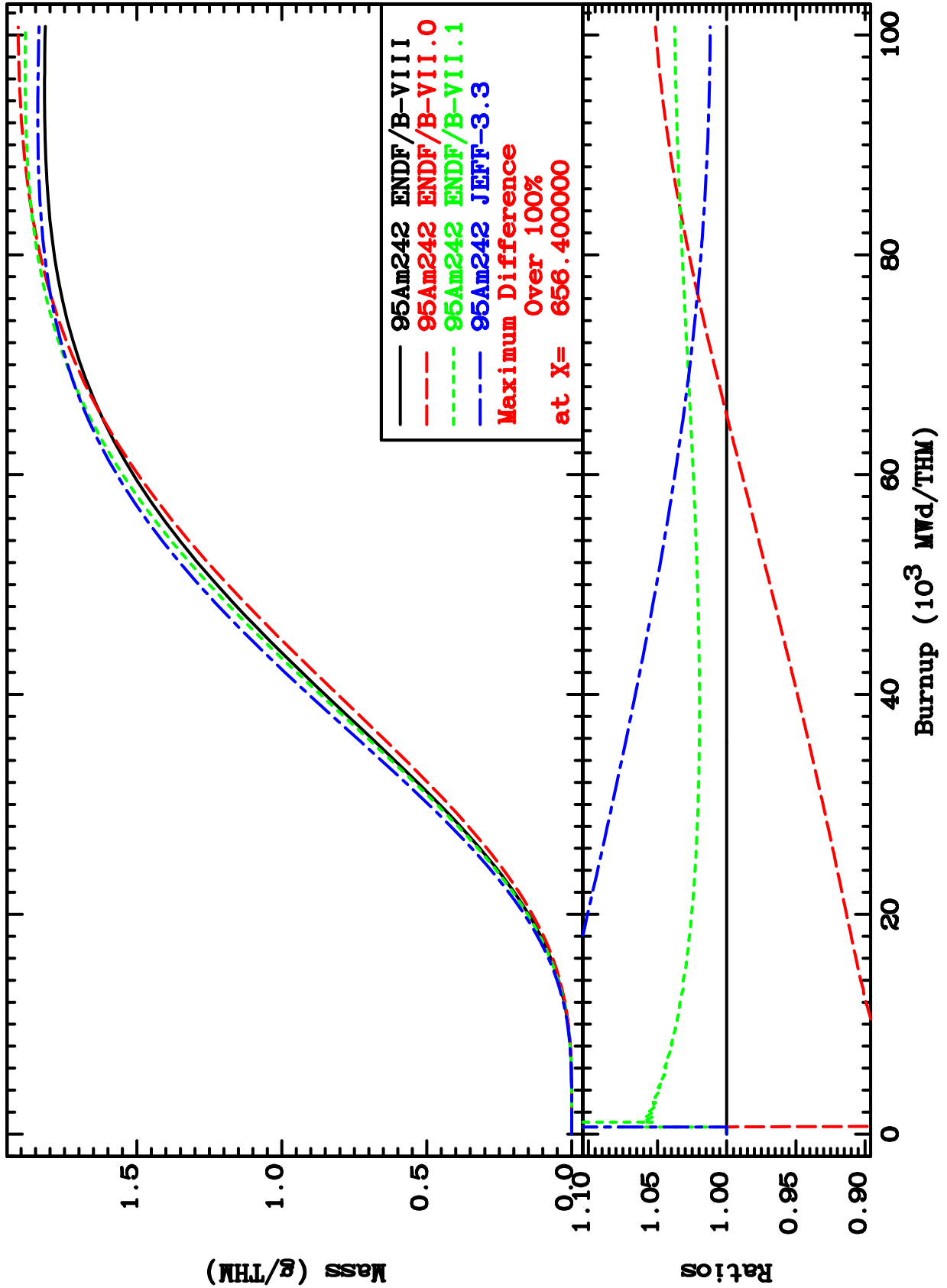


95Am241 ENDF/B-VIII  
 95Am241 ENDF/B-VII.0  
 95Am241 ENDF/B-VII.1  
 95Am241 JEFF-3.3  
 Maximum Difference  
 Over 100%  
 at X= 218.300000

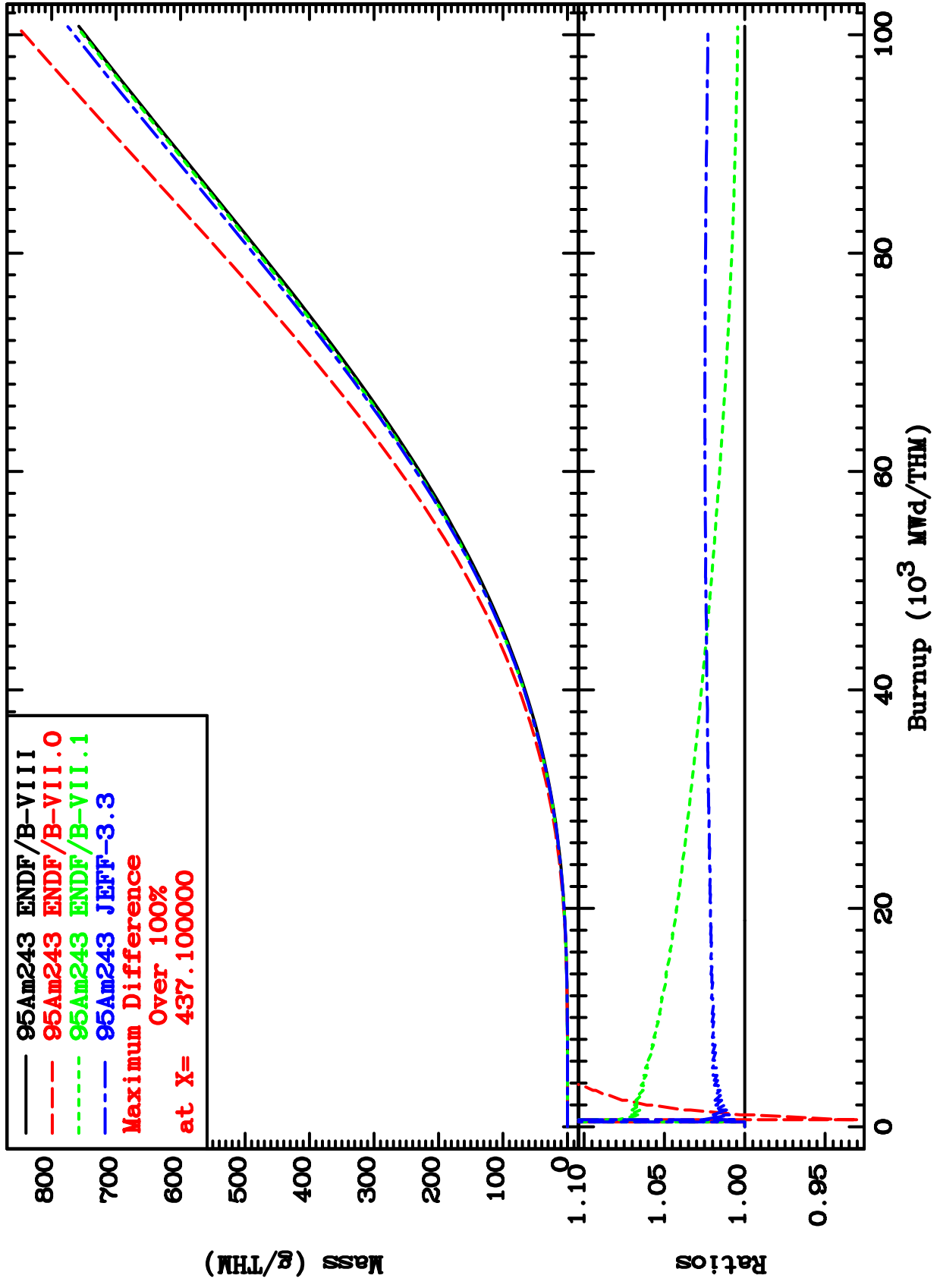
Mass of 195-Am-242 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



Mass of 95-Am-242 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

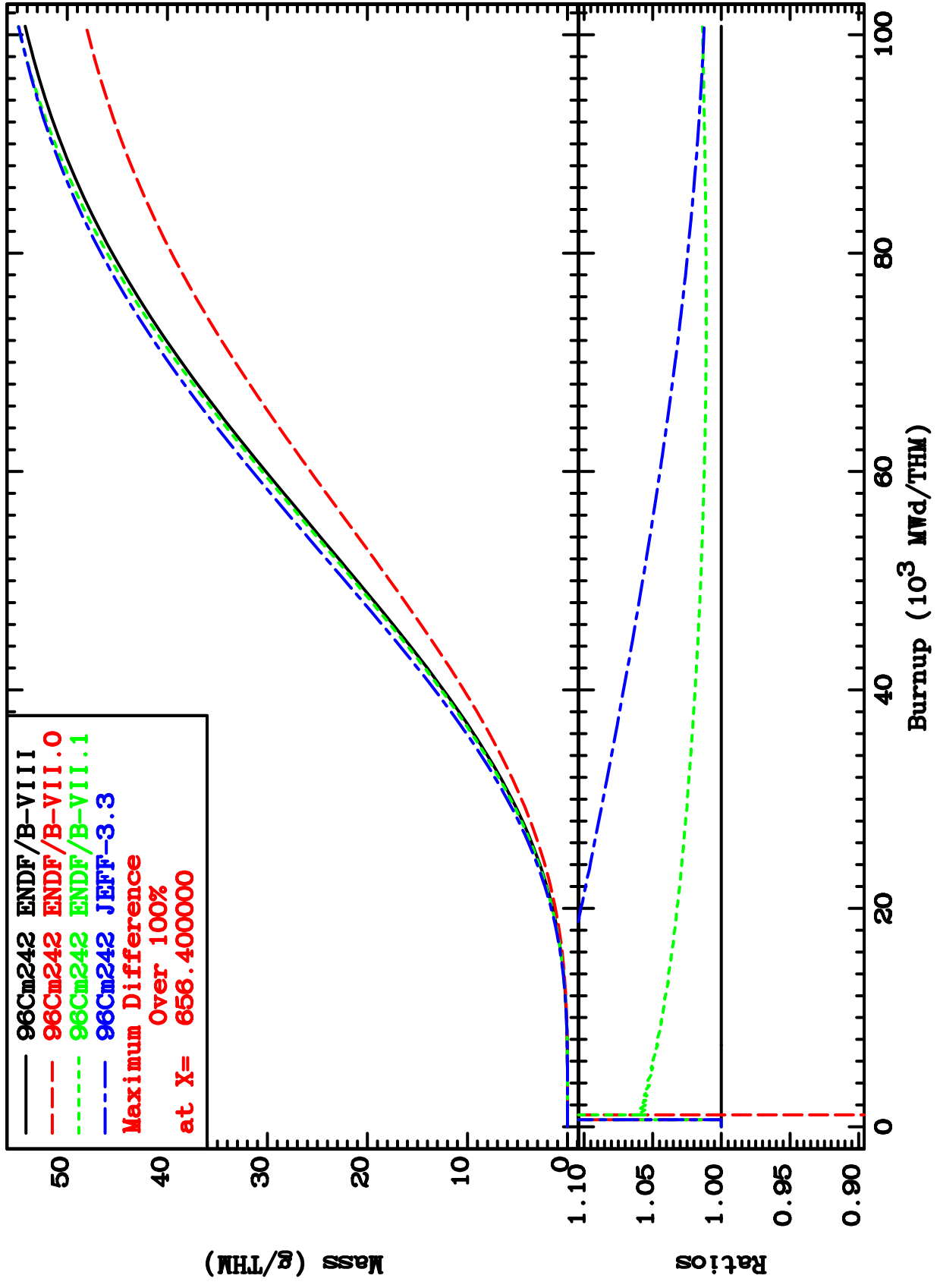


Mass of 95-Am-243 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

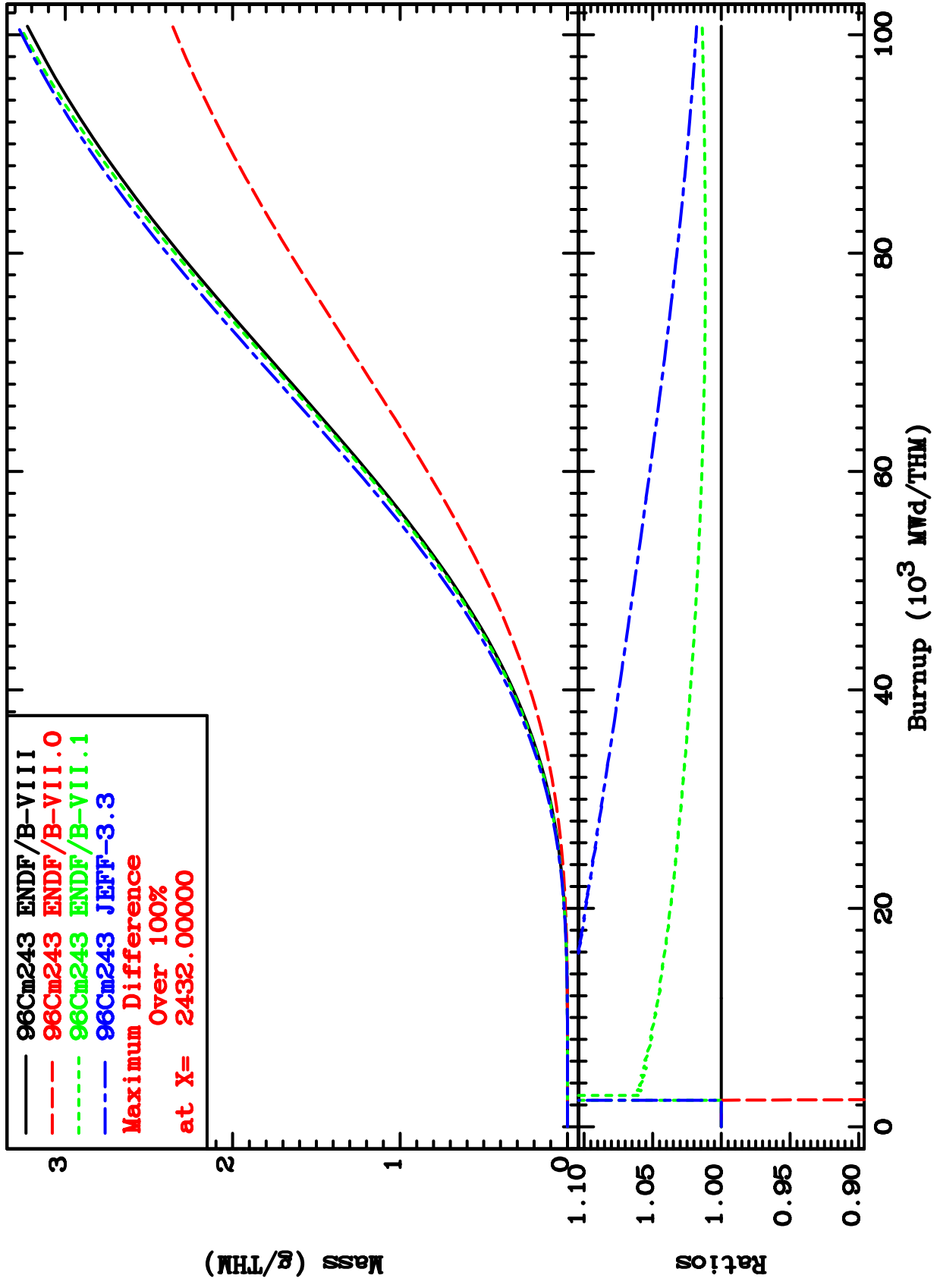


— 95Am243 ENDF/B-VIII  
 - - - 95Am243 ENDF/B-VII.0  
 ···· 95Am243 ENDF/B-VII.1  
 - · - 95Am243 JEFF-3.3  
 Maximum Difference  
 Over 100%  
 at X= 437.100000

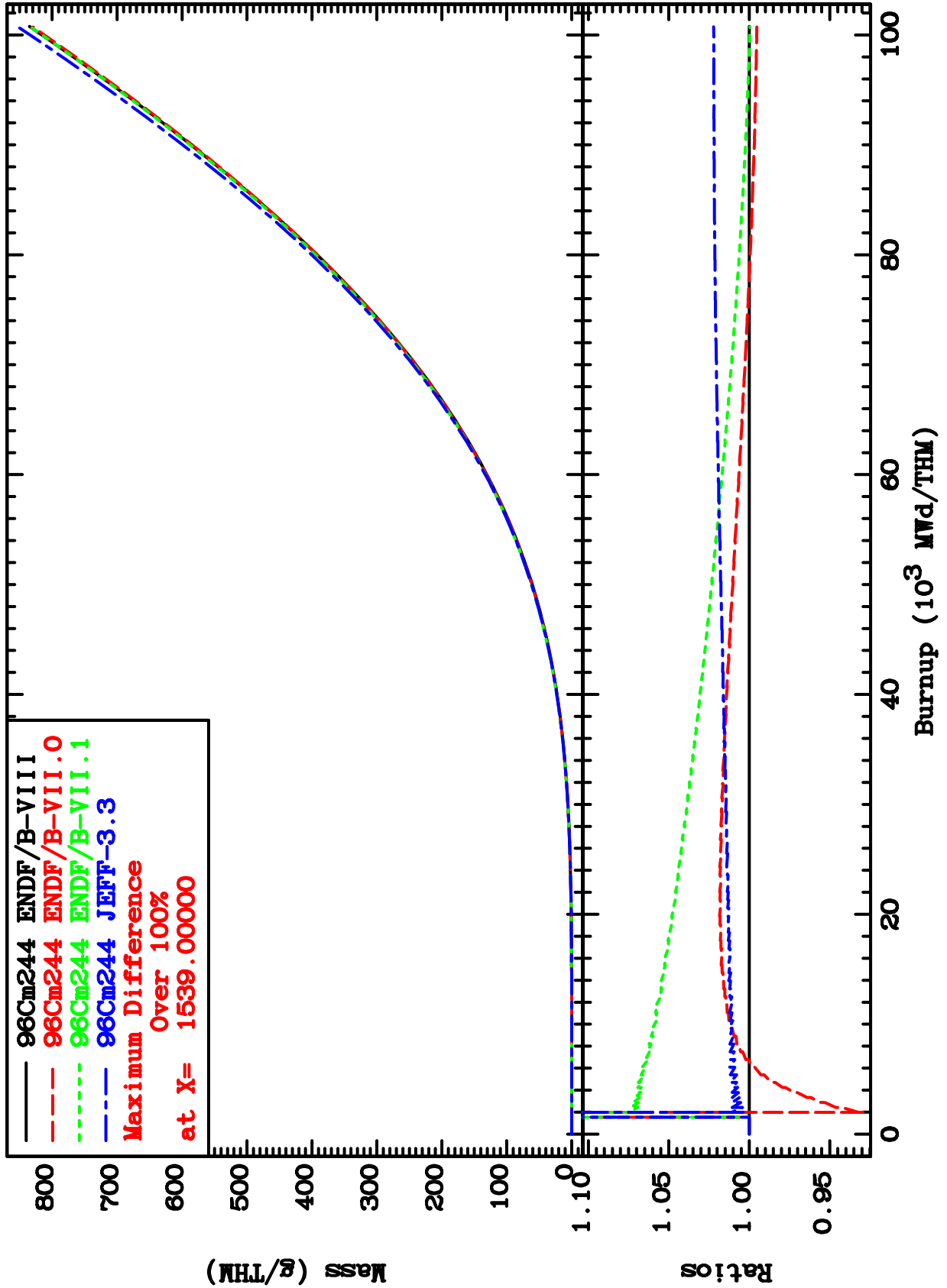
Mass of 96-Cm-242 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



Mass of 96-Cm-243 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

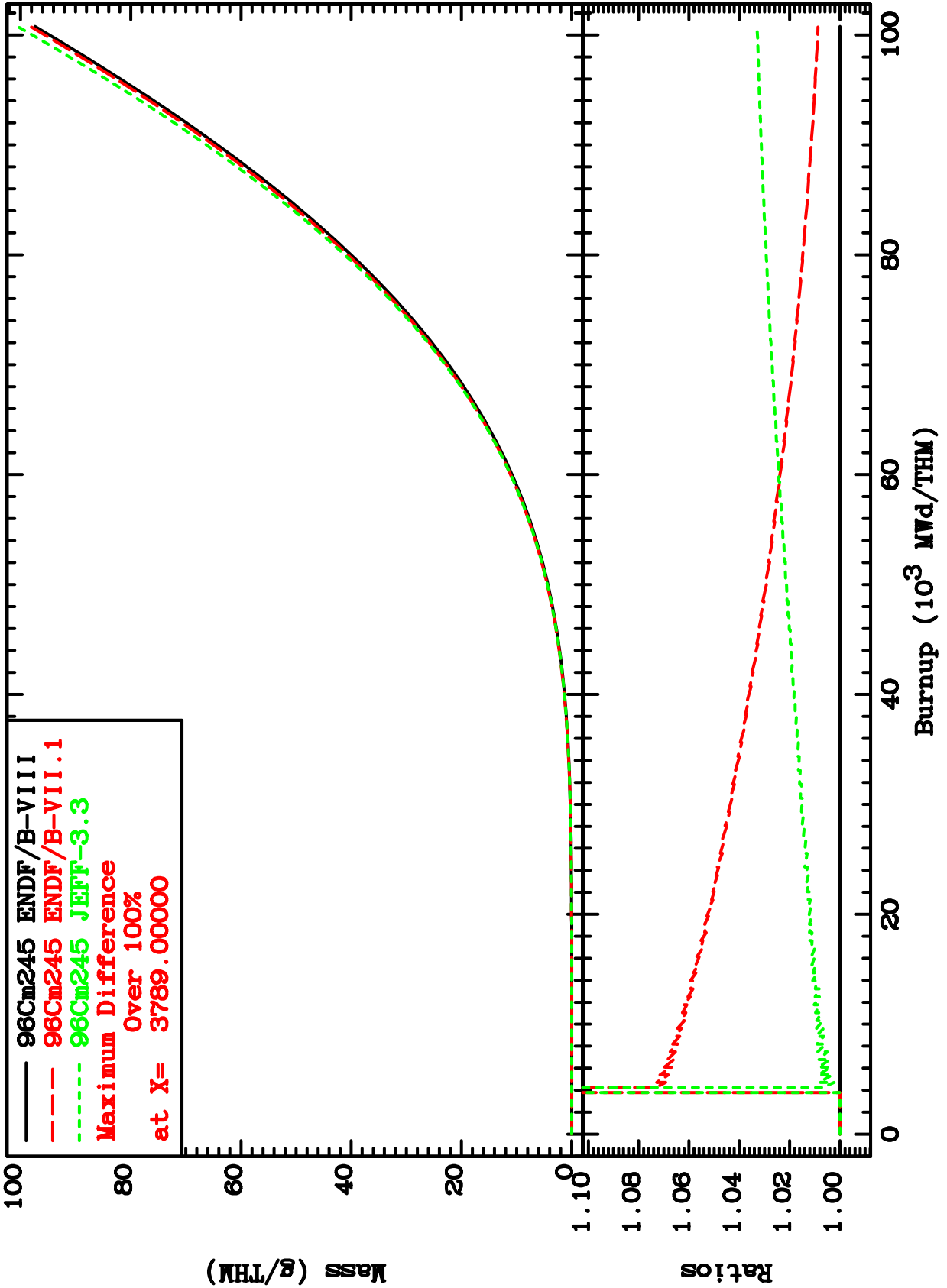


Mass of 96-Cm-244 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

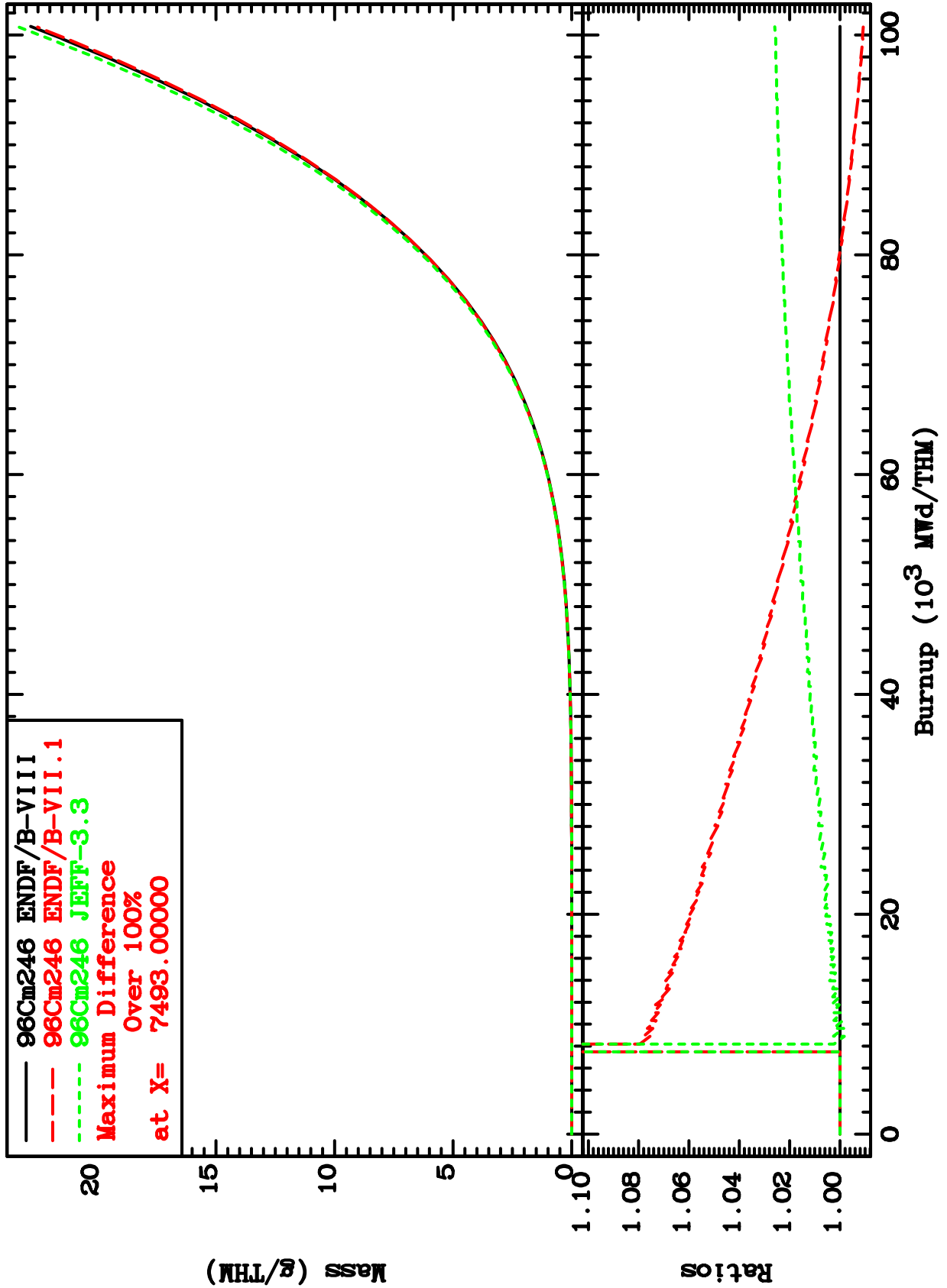




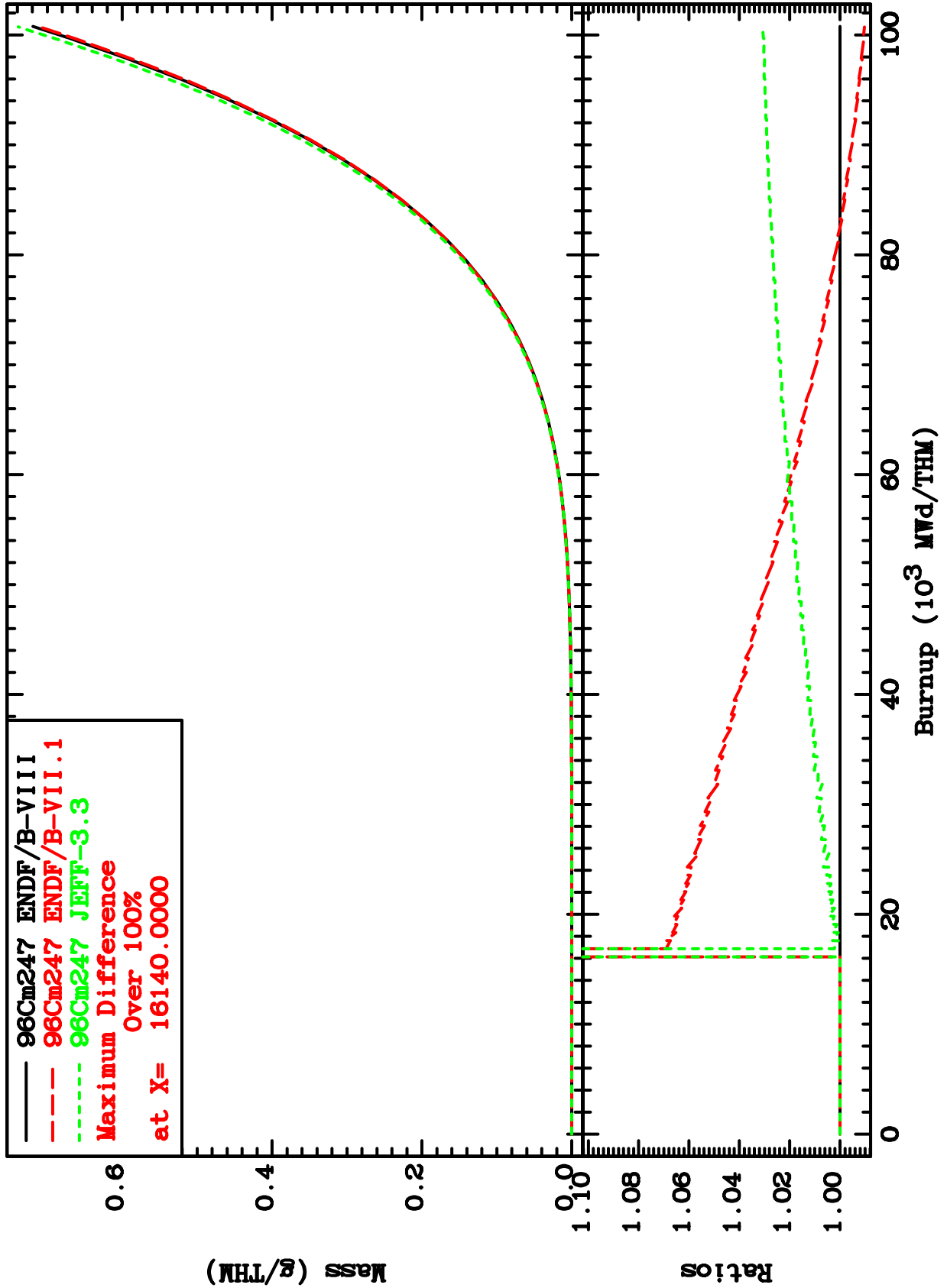
Mass of 96-Cm-245 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



Mass of 96-Cm-246 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

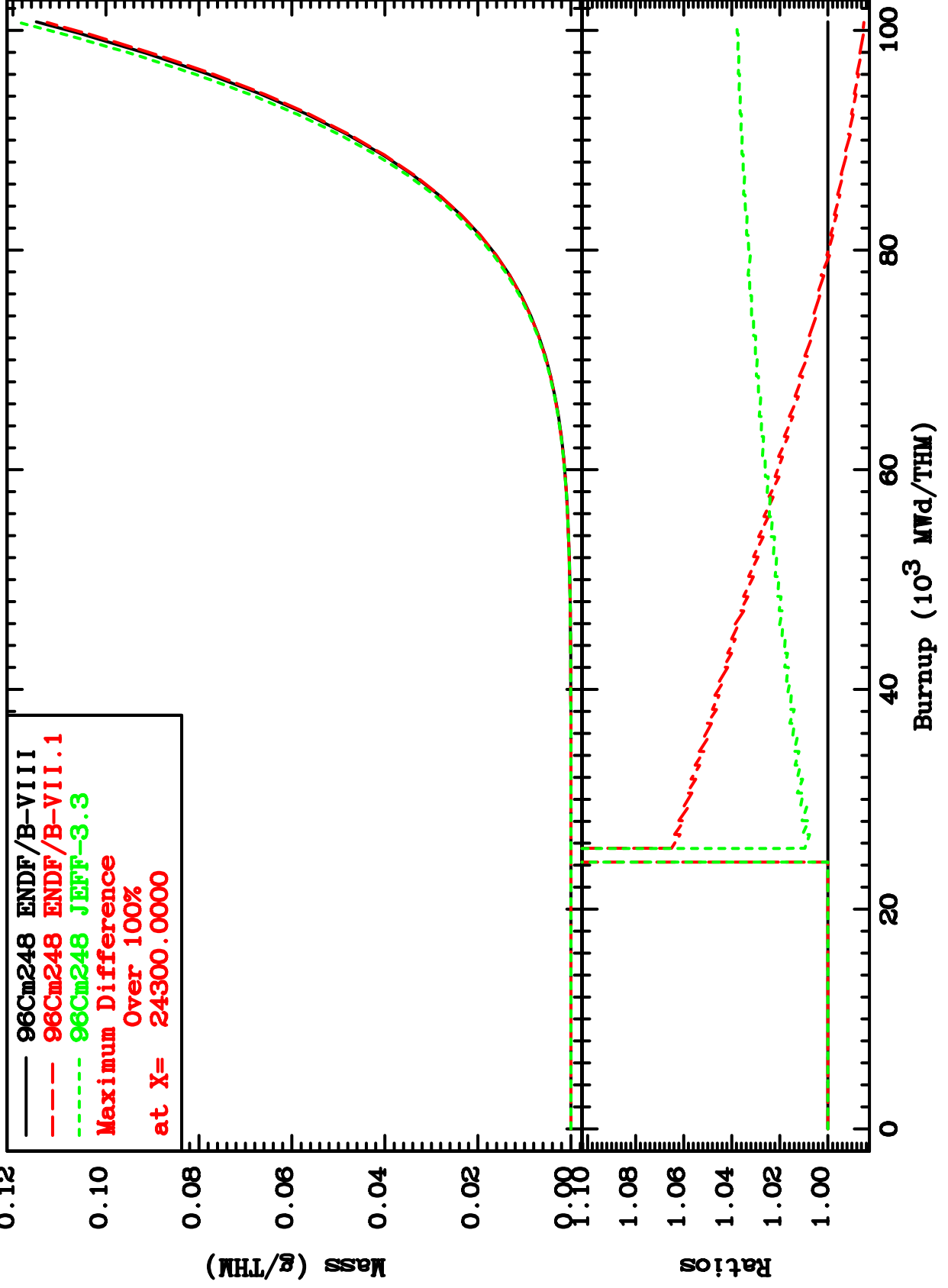


Mass of 96-Cm-247 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

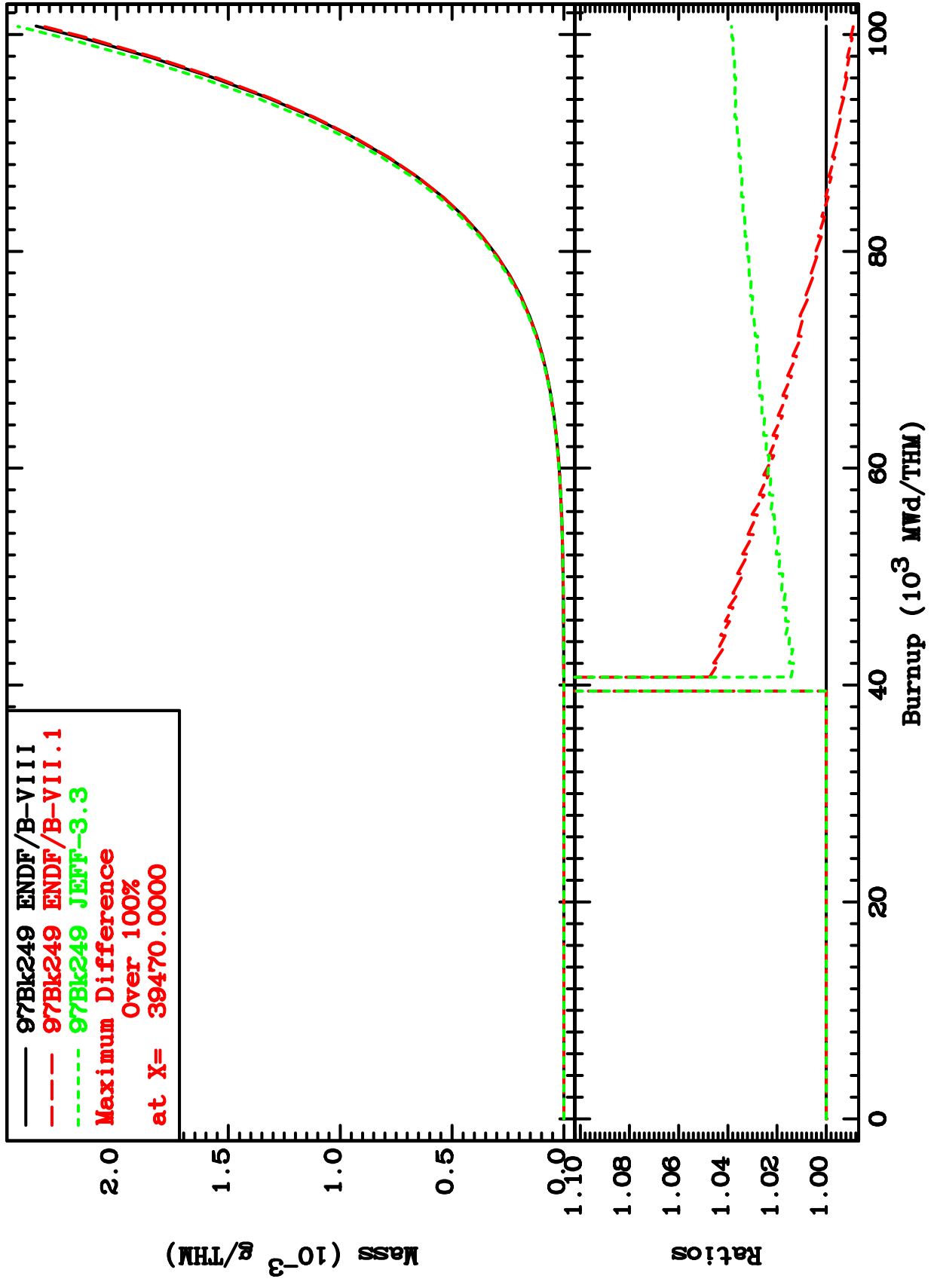


Mass of 96-Cm-248 vs Burnup in the assembly type FB - V5 E= 5.200

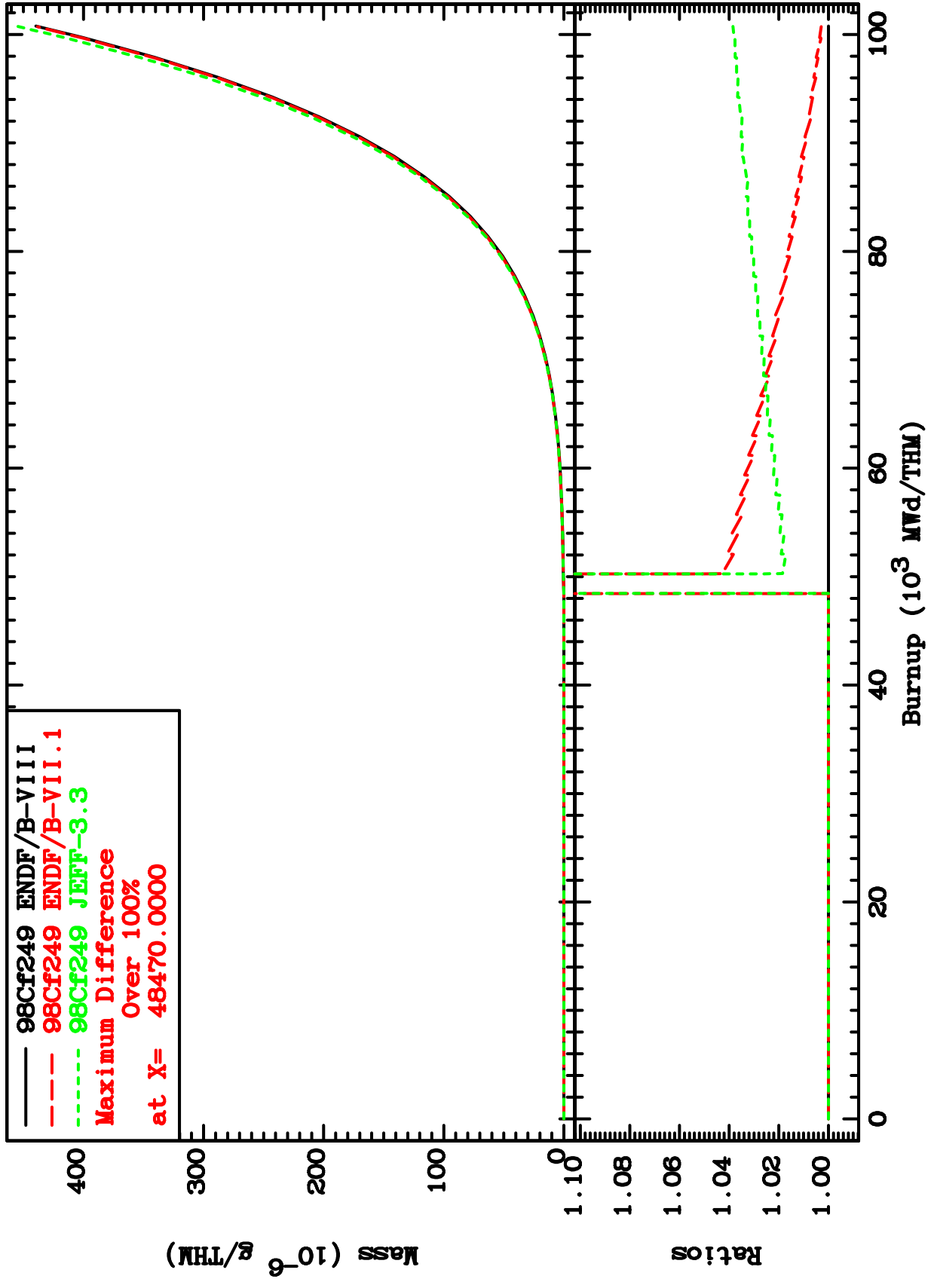
RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



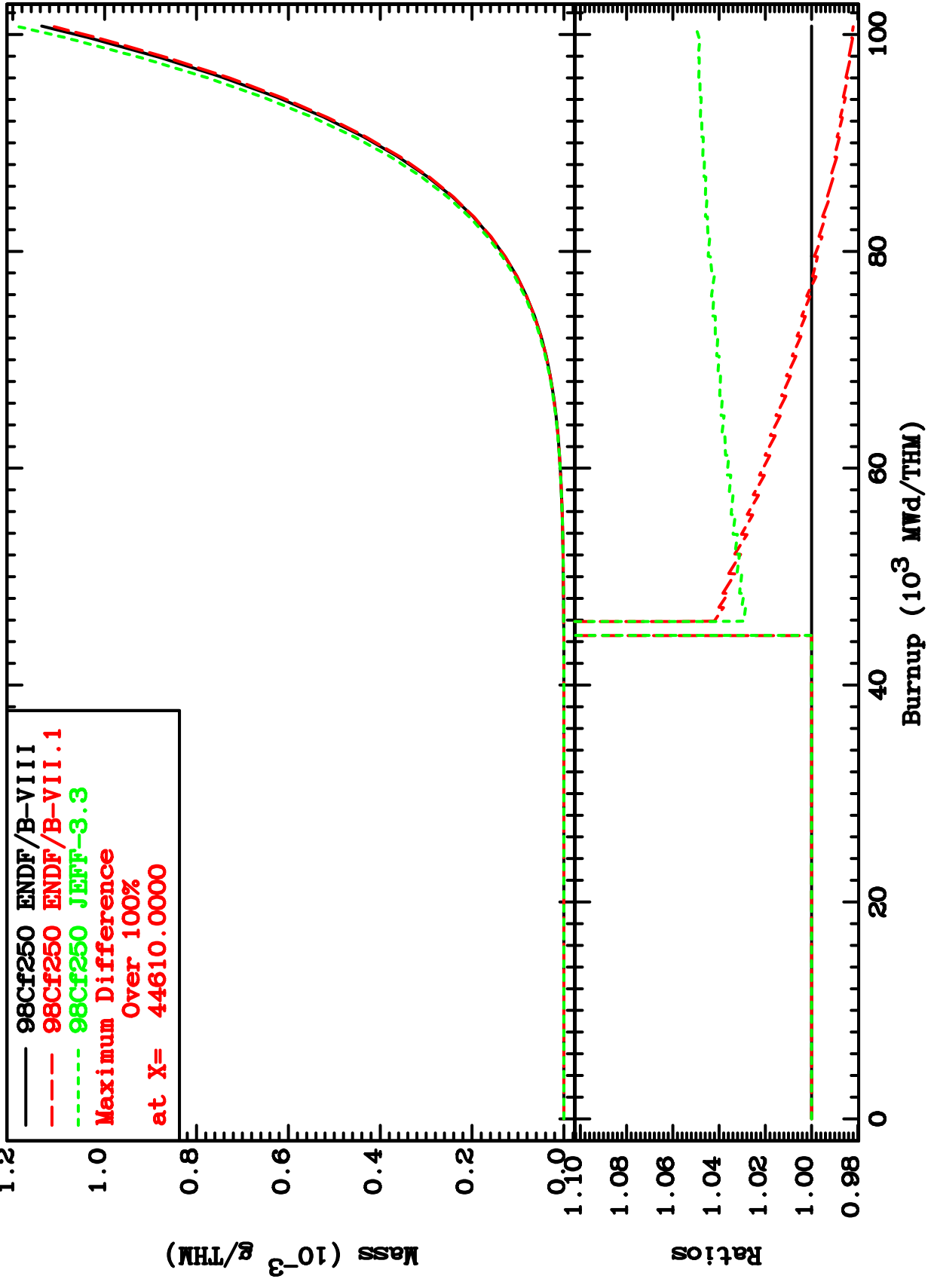
Mass of 97-Bk-249 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



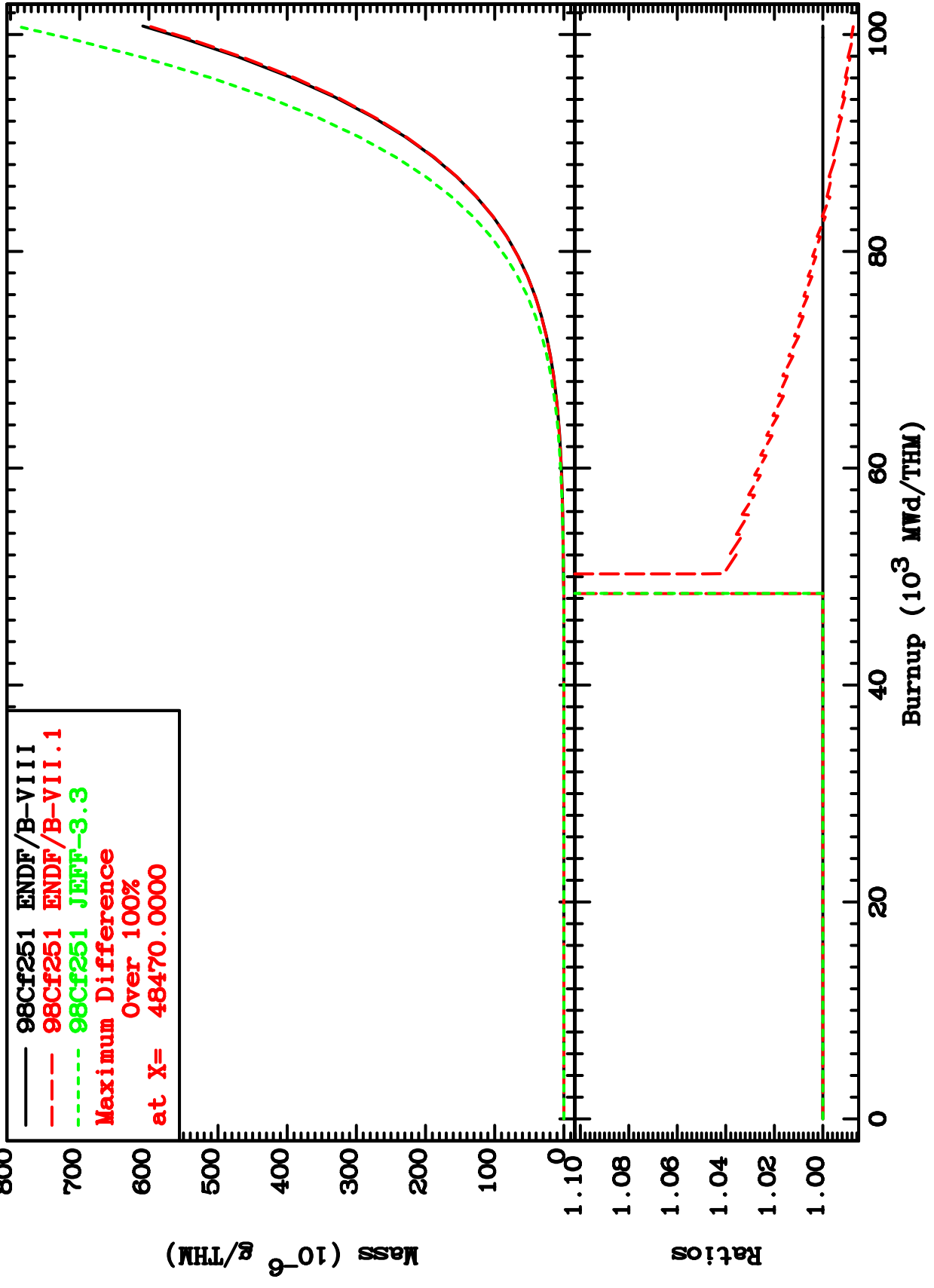
Mass of 98-Cf-249 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



Mass of 98-Cf-250 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



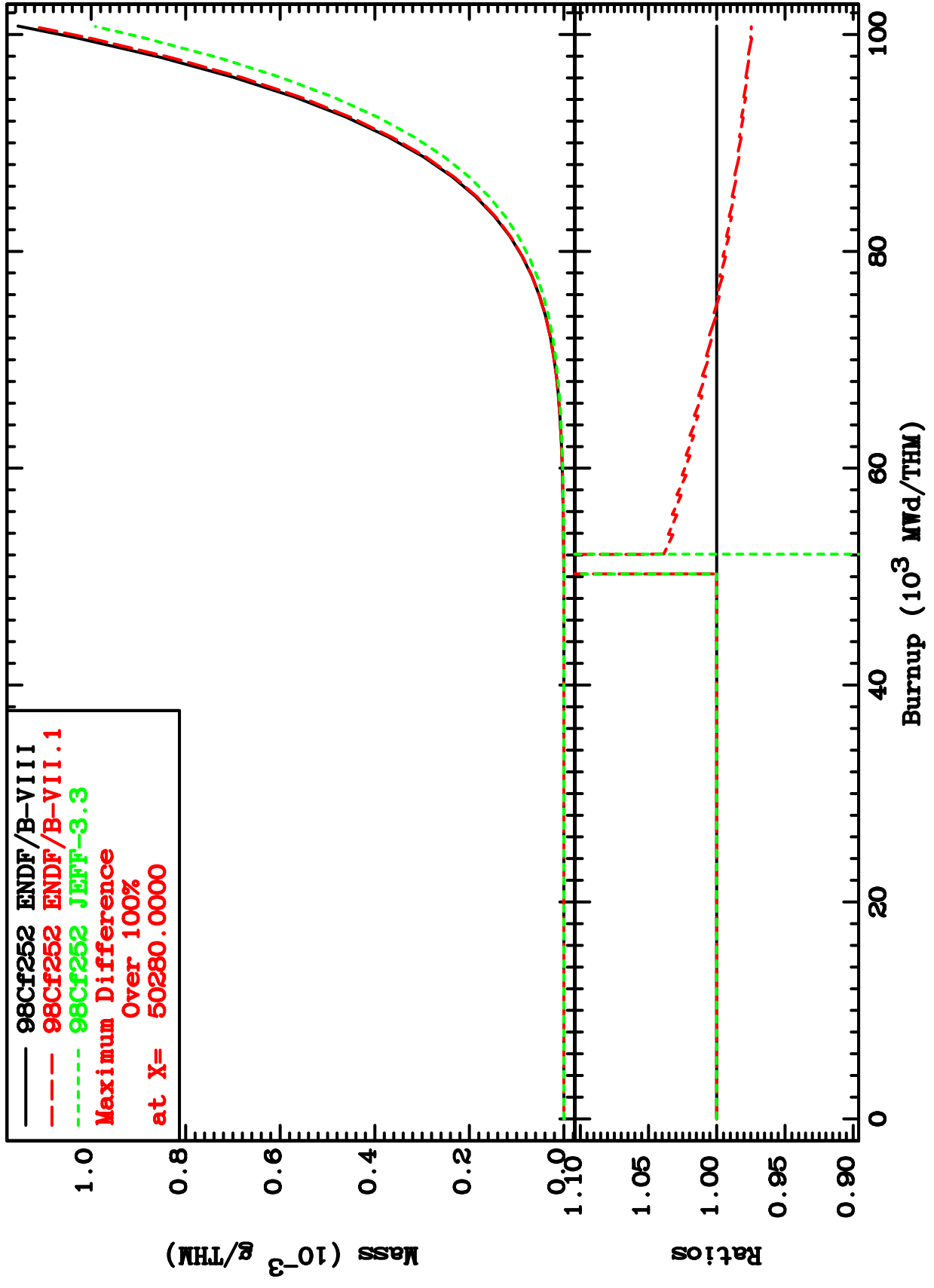
Mass of 98-Cf-251 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



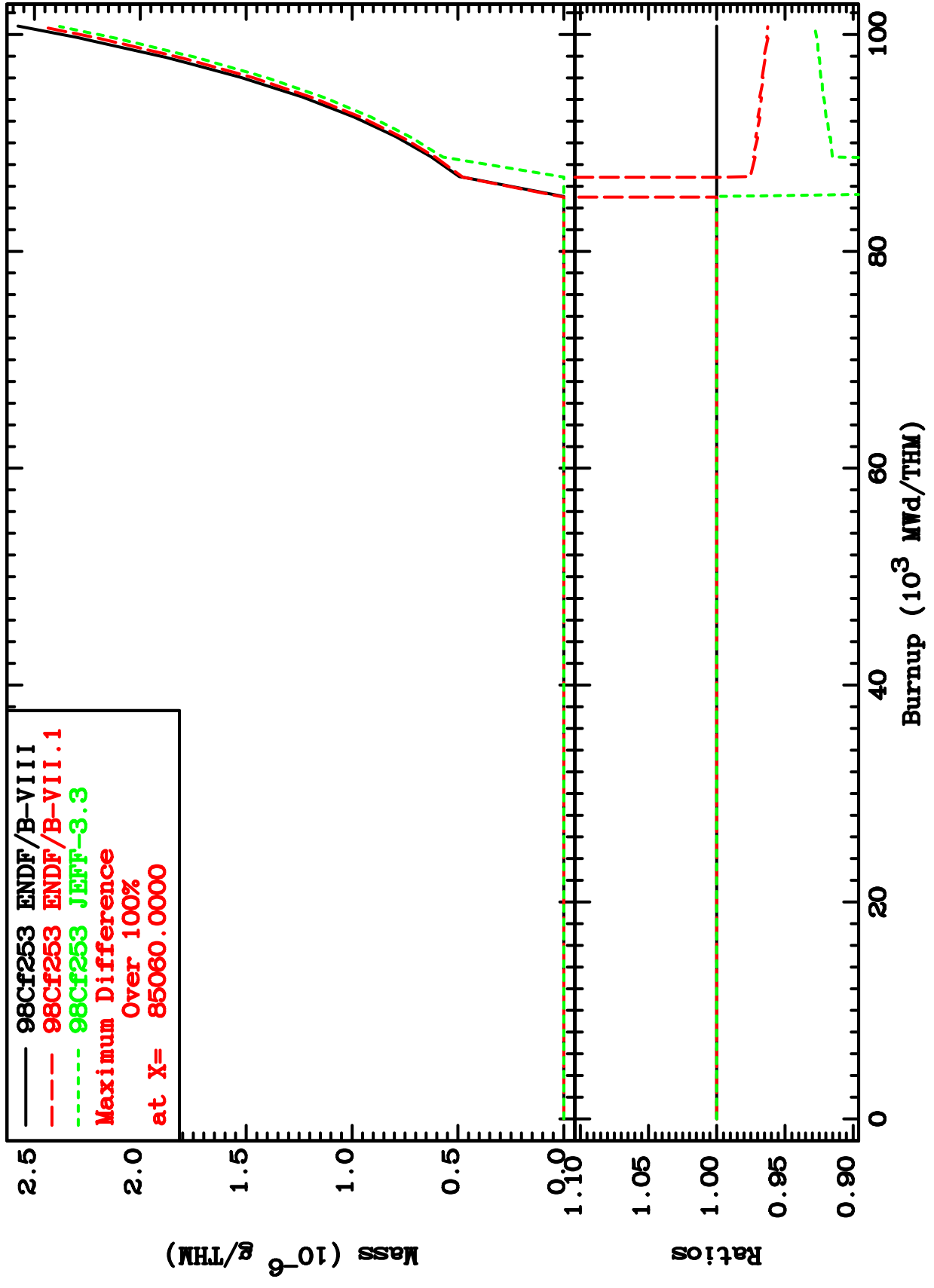
— 98Cf251 ENDF/B-VIII  
 - - - 98Cf251 ENDF/B-VII.1  
 . . . 98Cf251 JEFF-3.3  
 Maximum Difference  
 Over 100%  
 at X= 48470.0000



Mass of 98-Cf-252 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

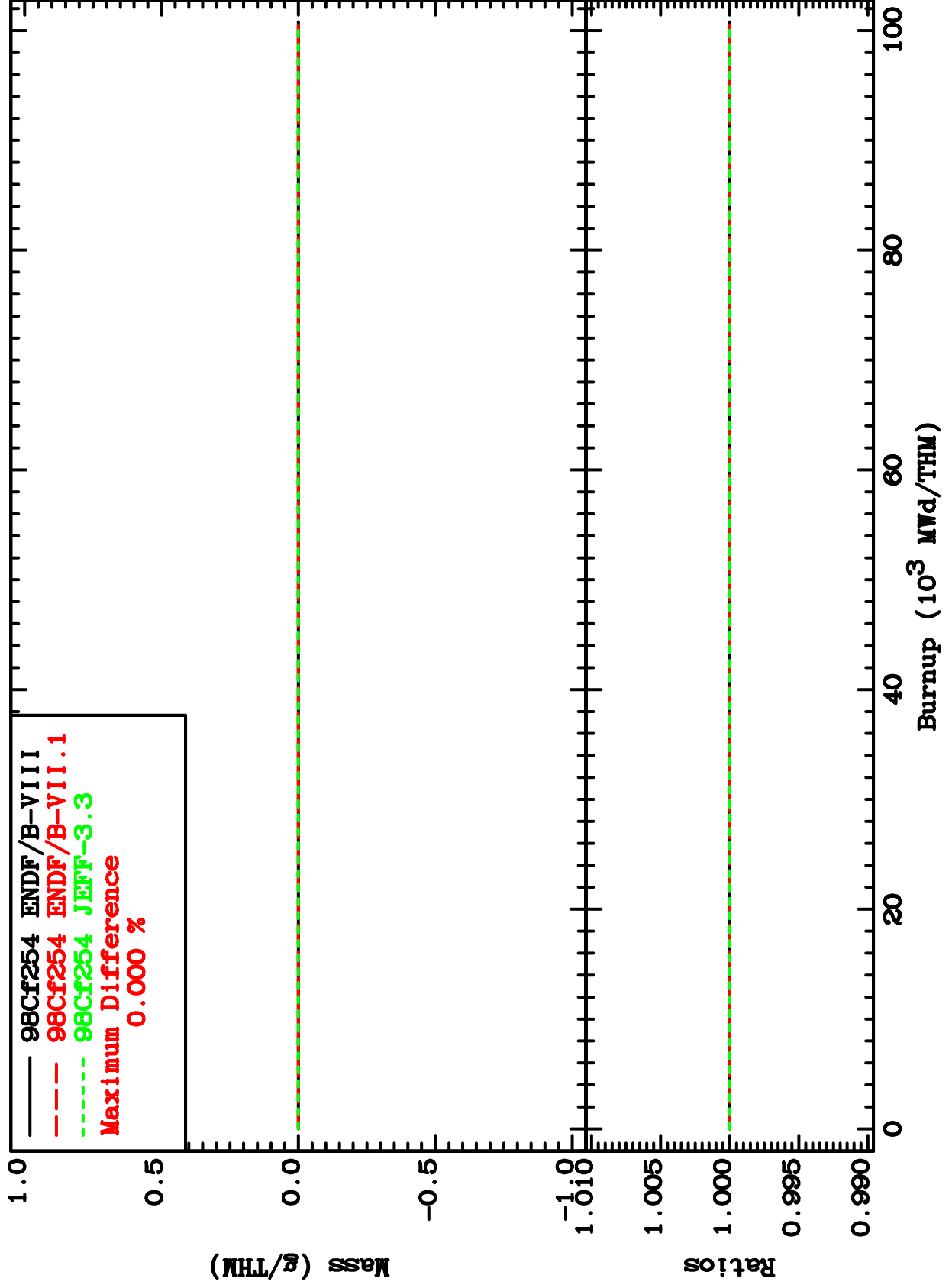


Mass of 98-Cf-253 vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

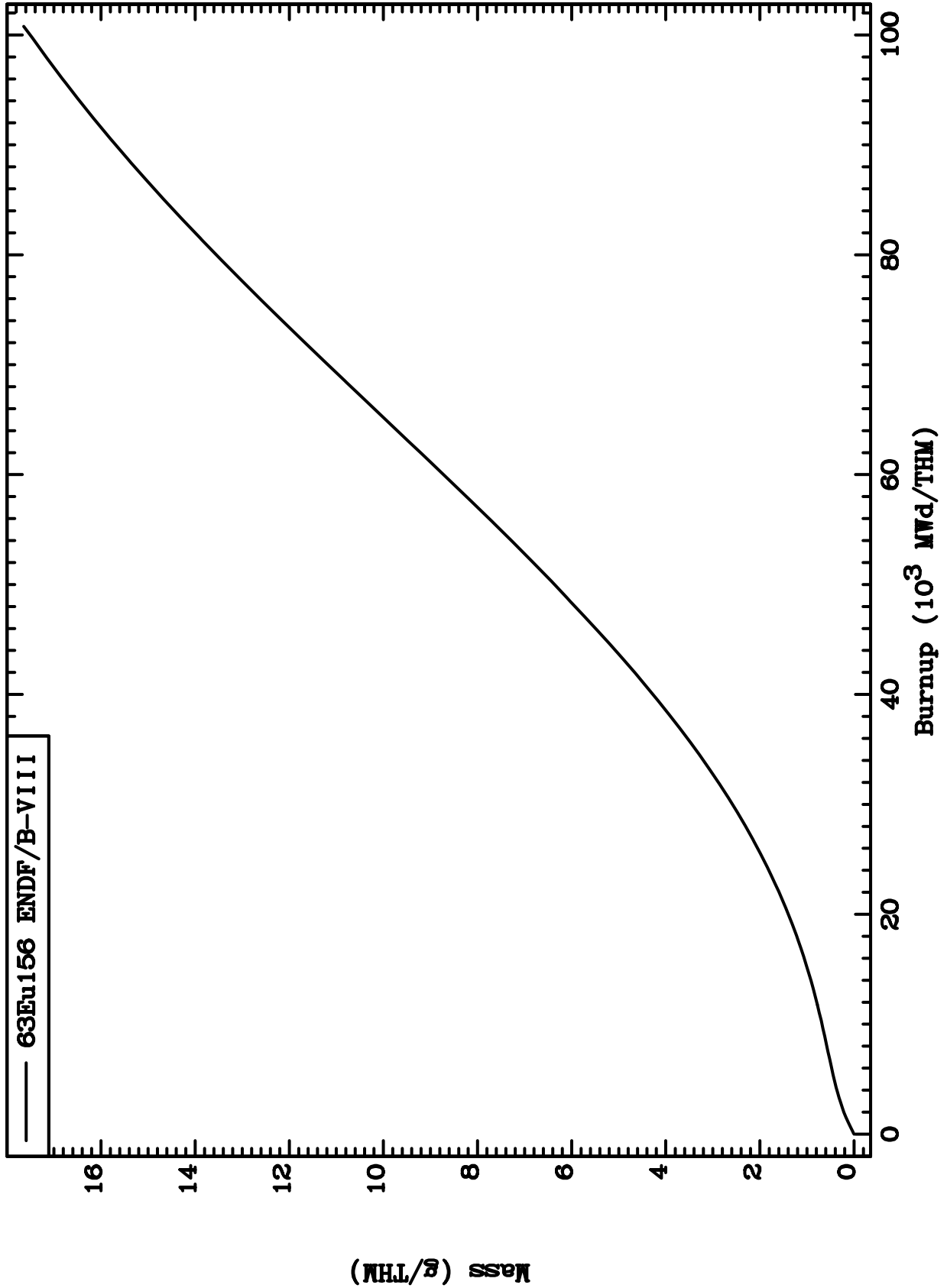


Mass of 98-Cf-254 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



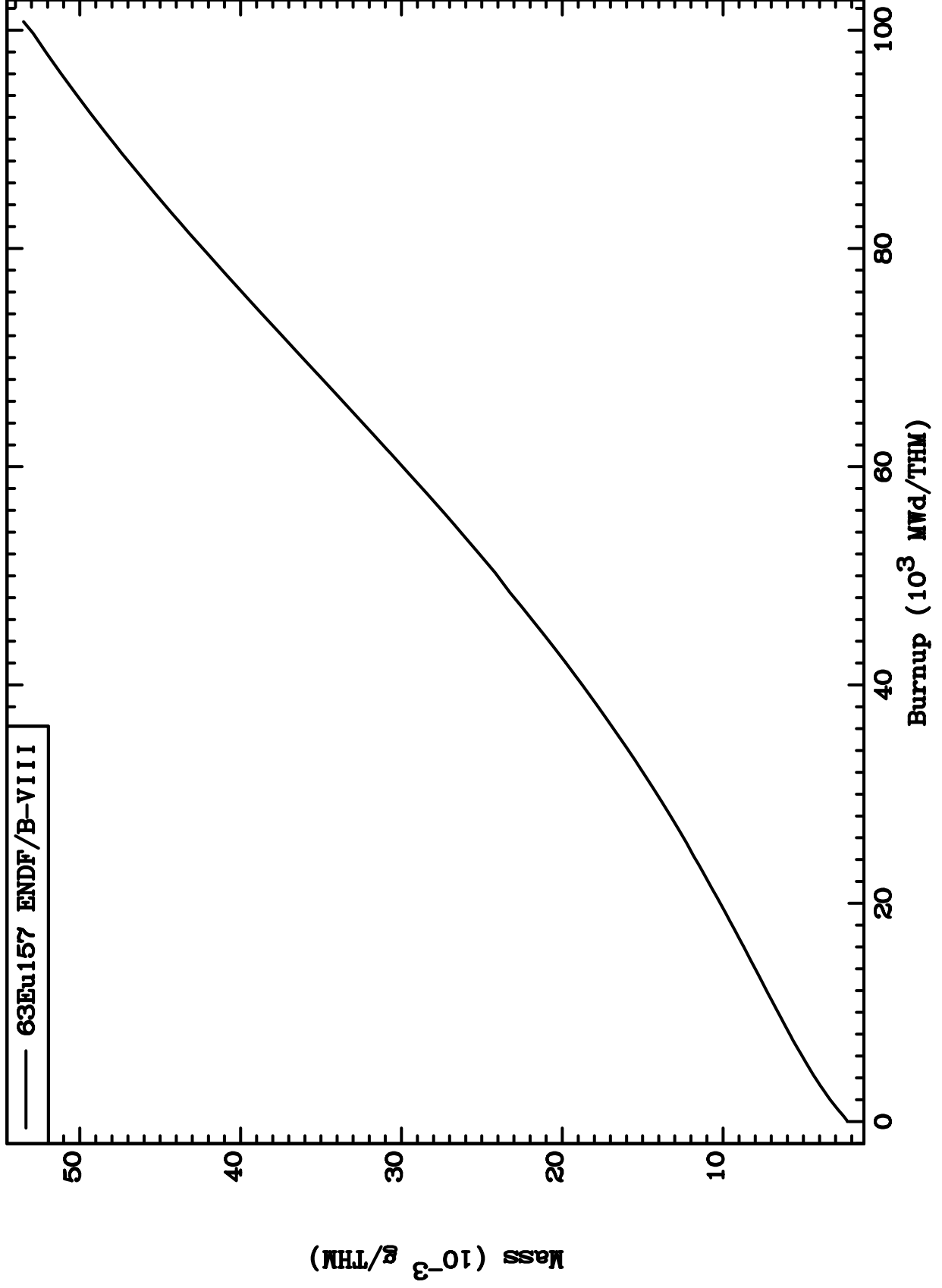
Mass of <sup>63</sup>Eu-156 vs Burnup in the assembly type FB - V5 E= 5.200  
RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0



Mass of <sup>63</sup>Eu-157 vs Burnup in the assembly type FB - V5 E= 5.200

RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

— <sup>63</sup>Eu157 ENDF/B-VIII



Reactivity KI vs Burnup in the assembly type FB - V5 E= 5.200  
 RO= 0.675 TM= 595 TF= 1000 CB= 300 PR= 0

