

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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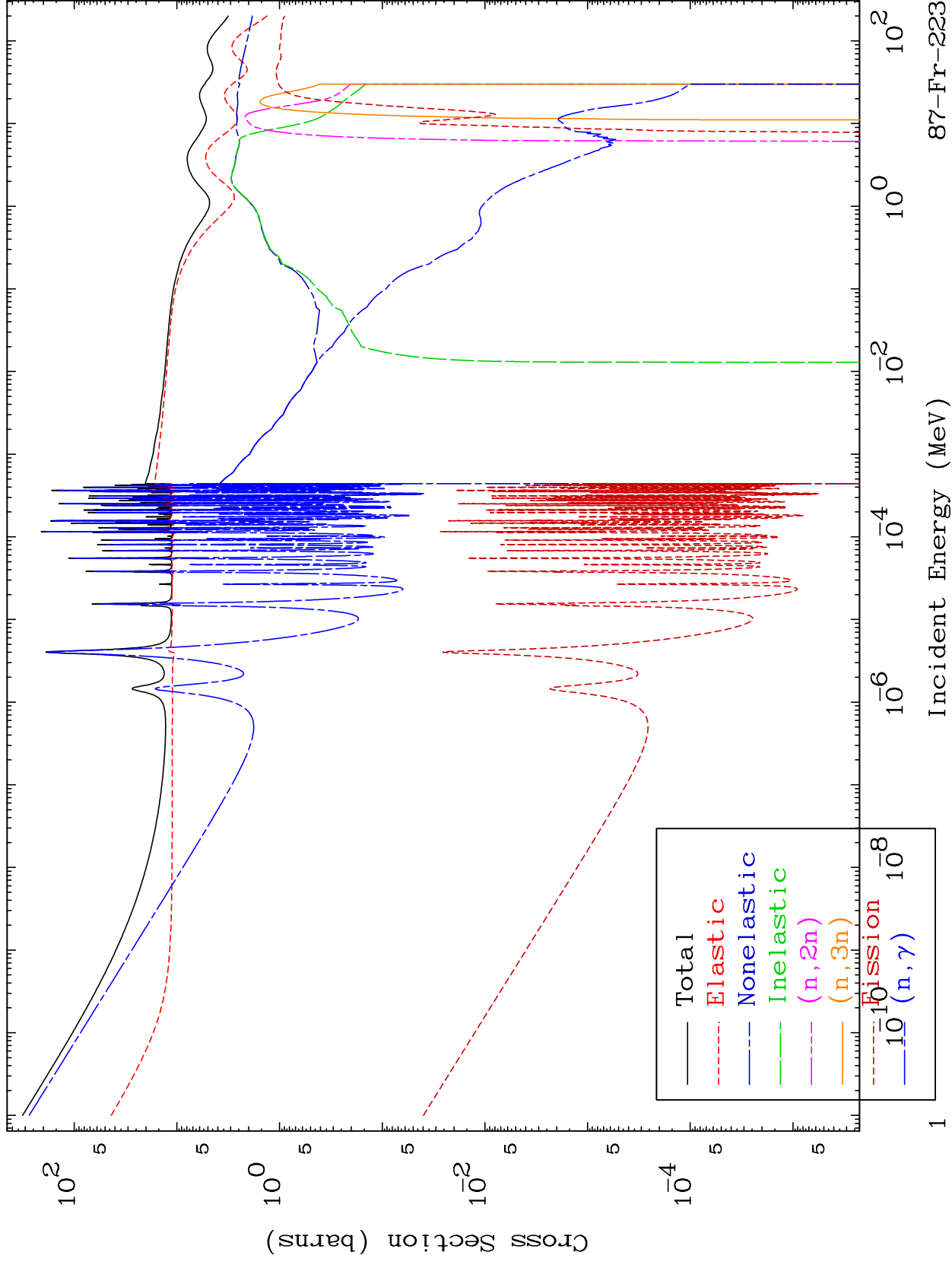
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

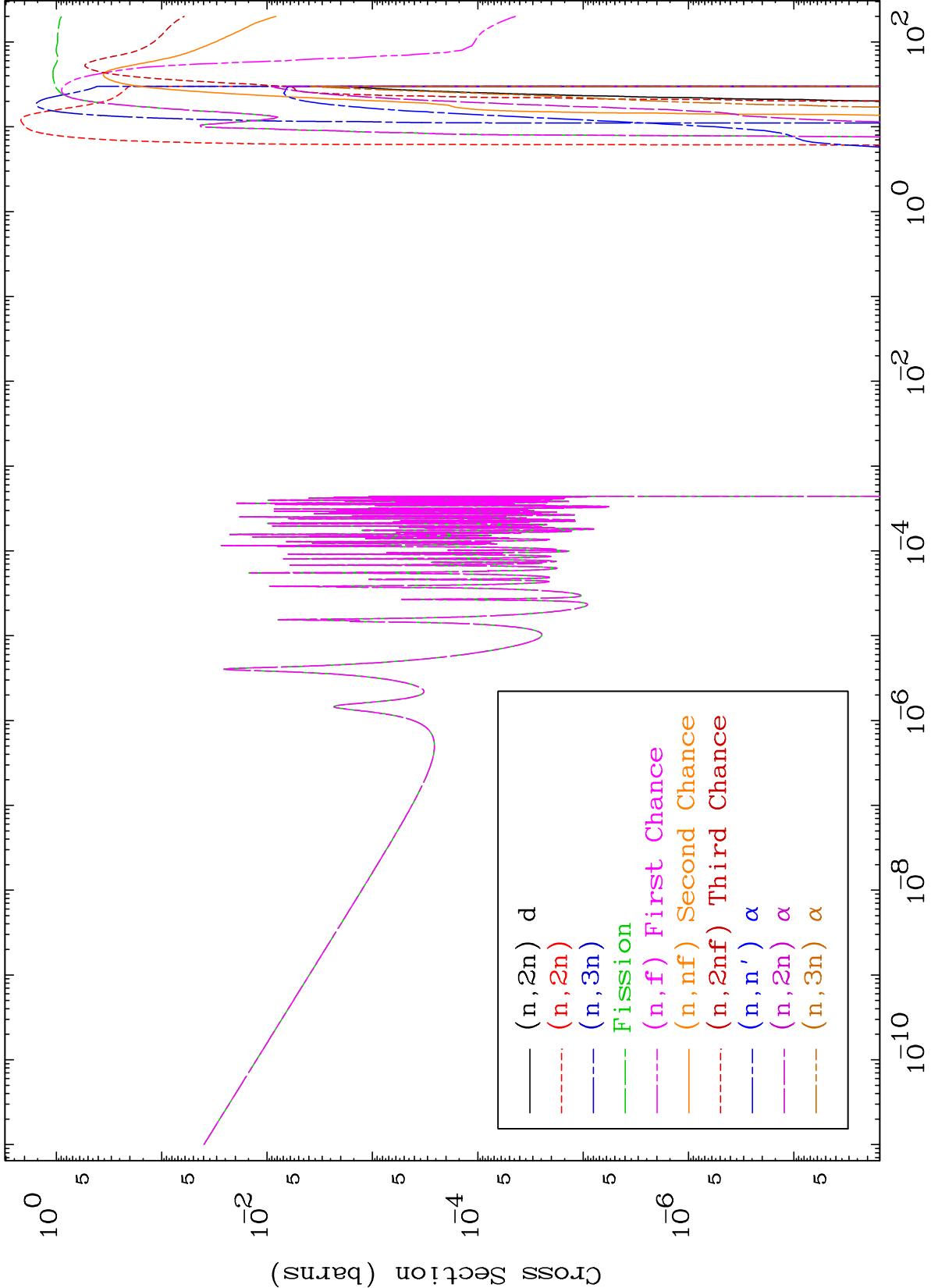
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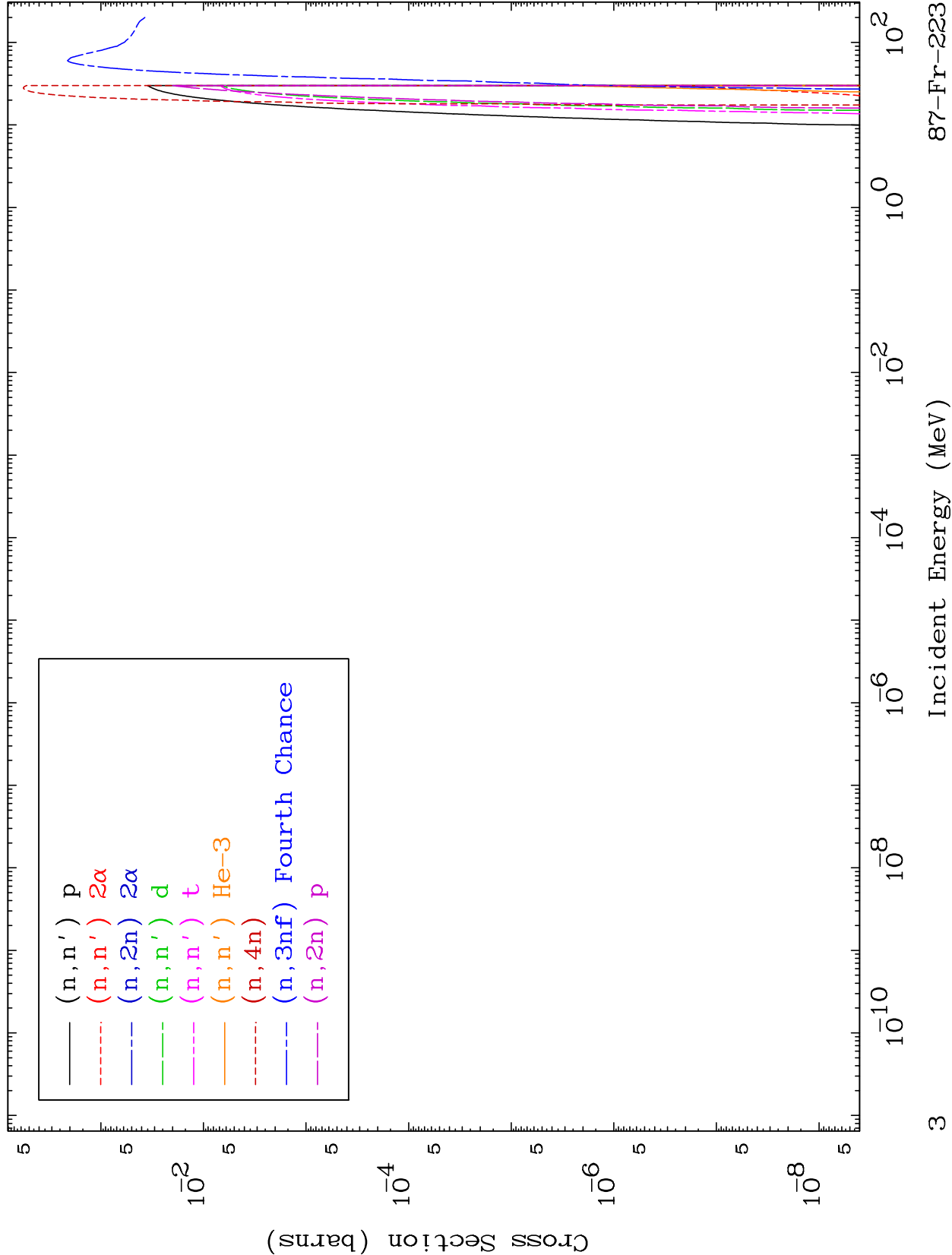
MAT 8758

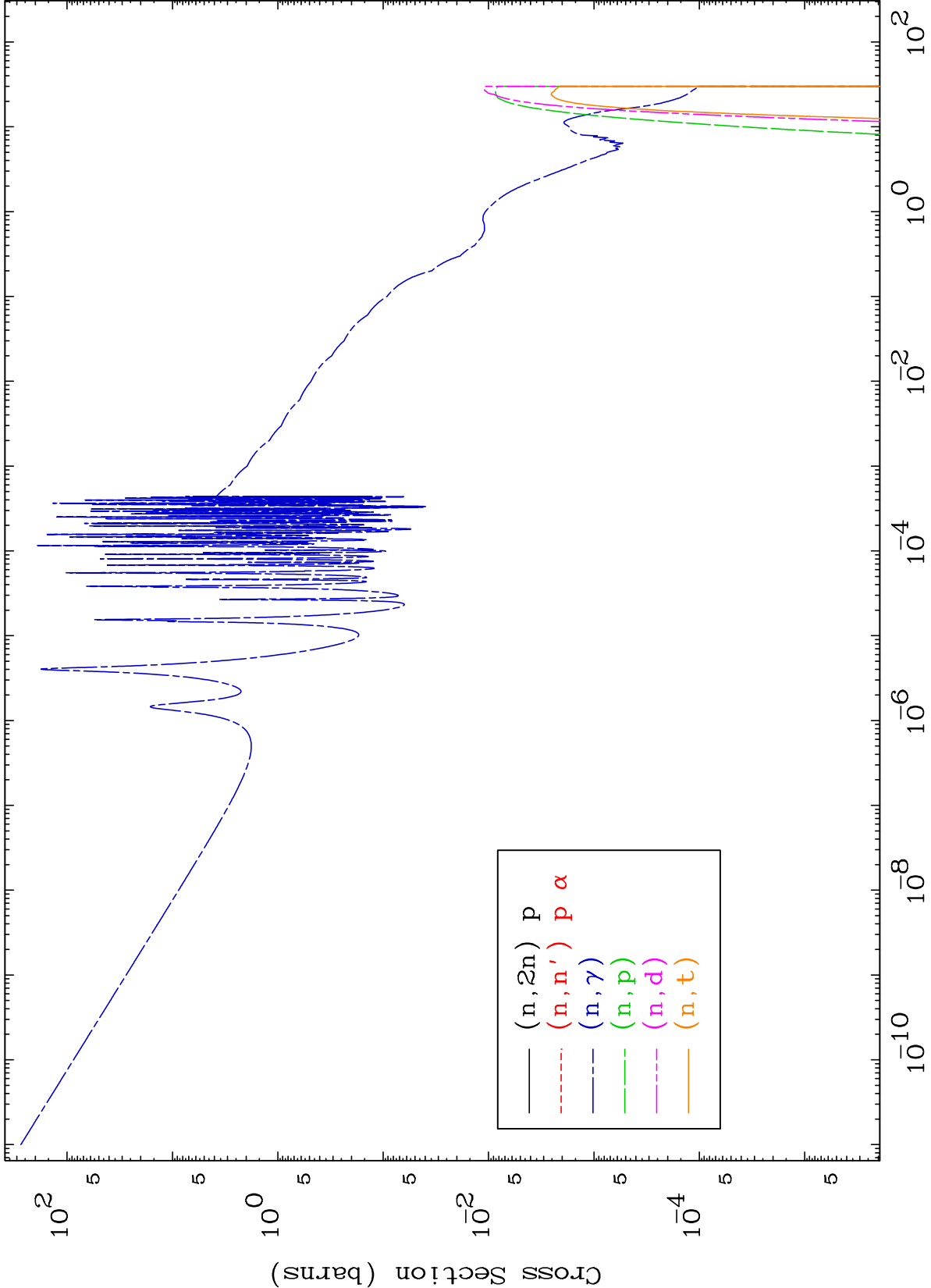
Neutron Major
293 Kelvin Cross Sections

87-Fr-223





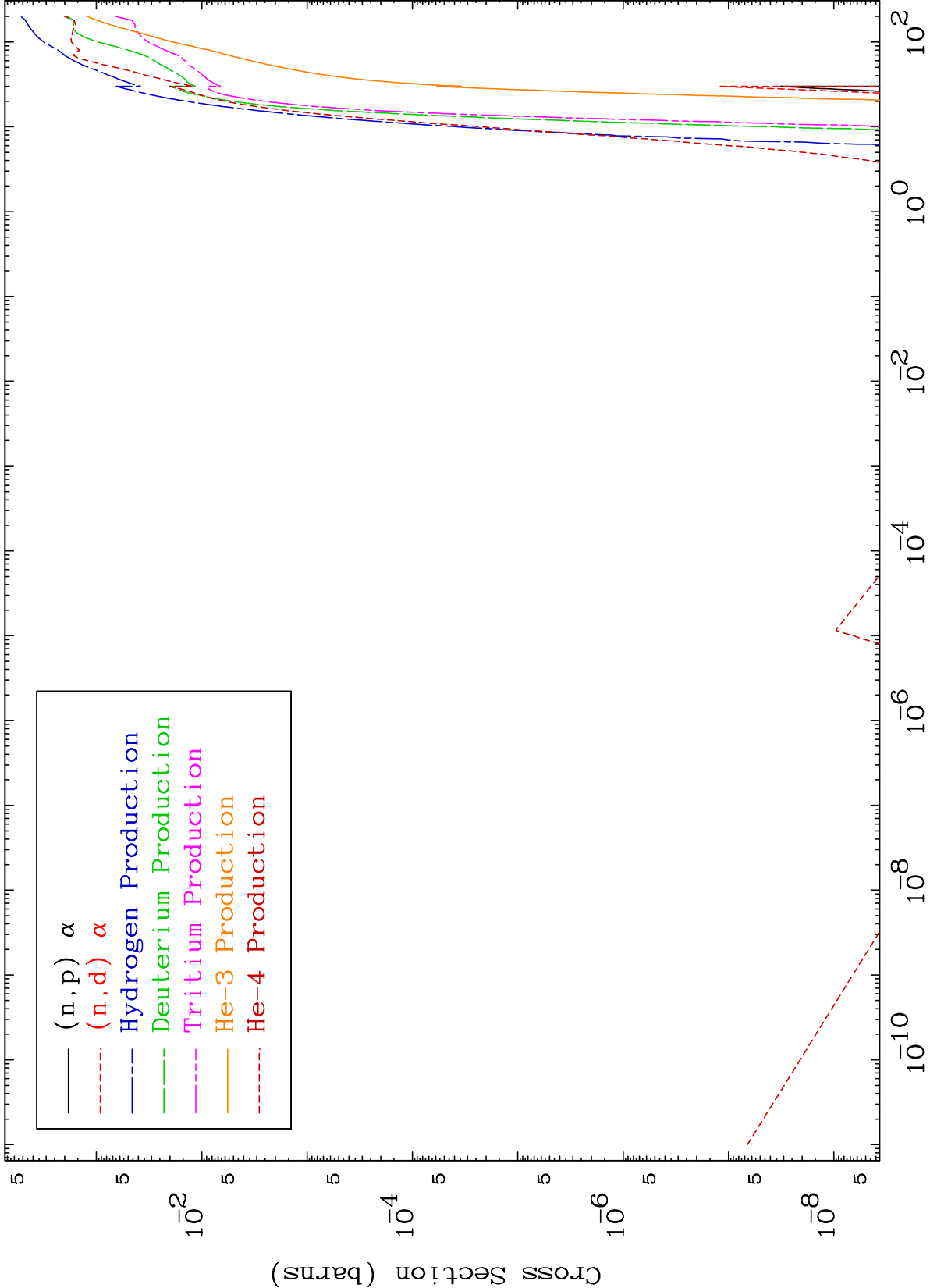




MAT 8758

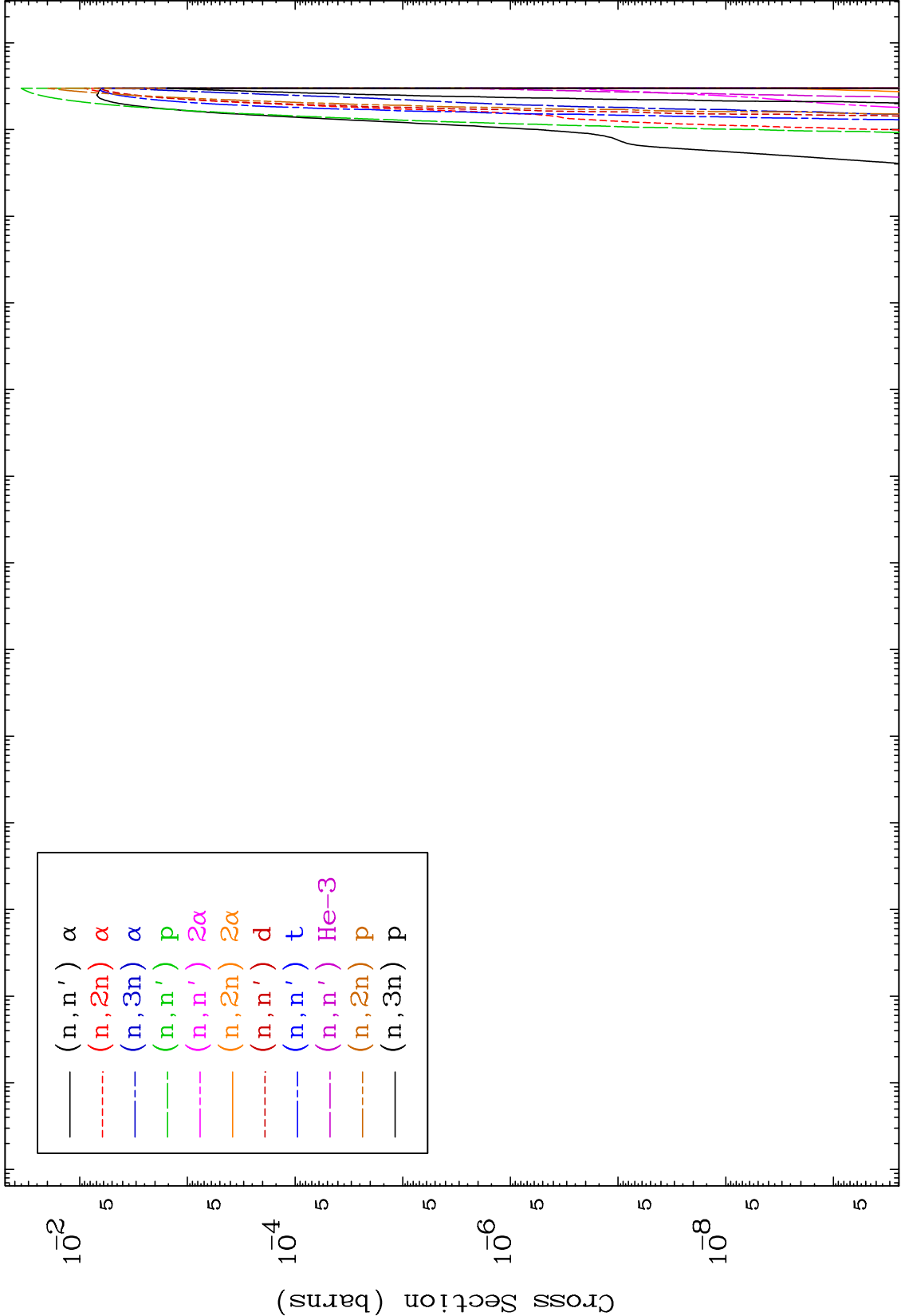
Neutron Absorption
293 Kelvin Cross Sections

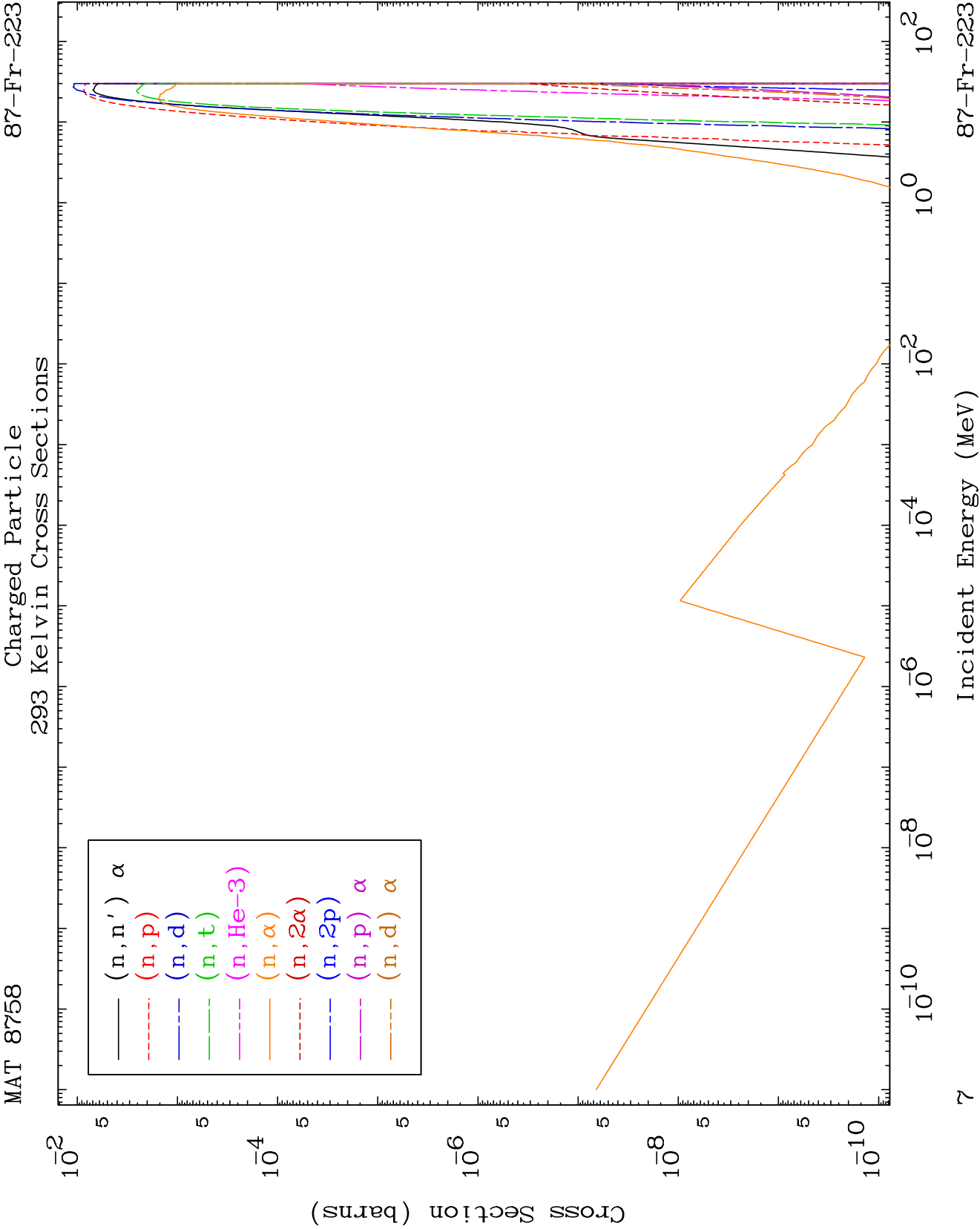
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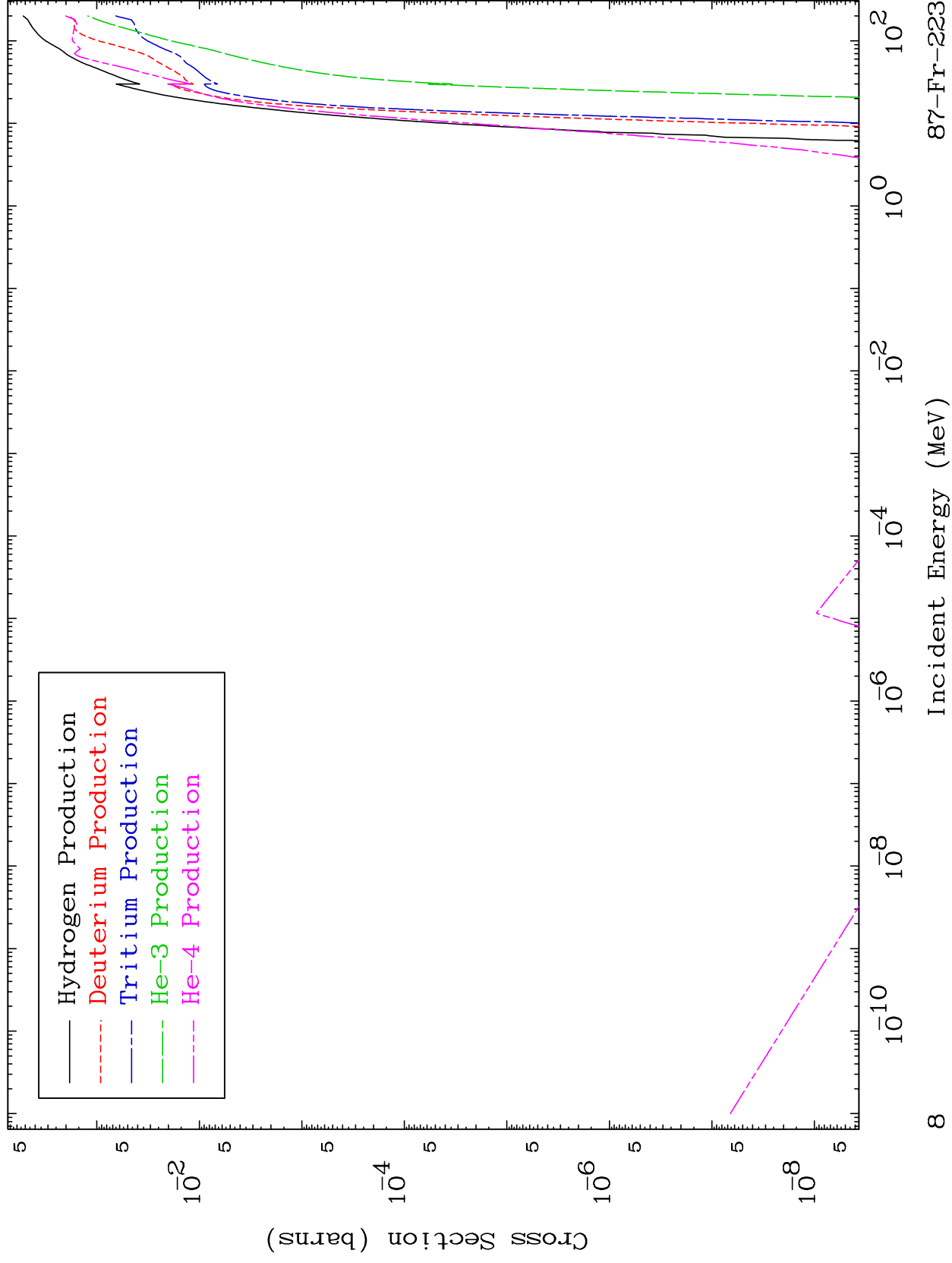


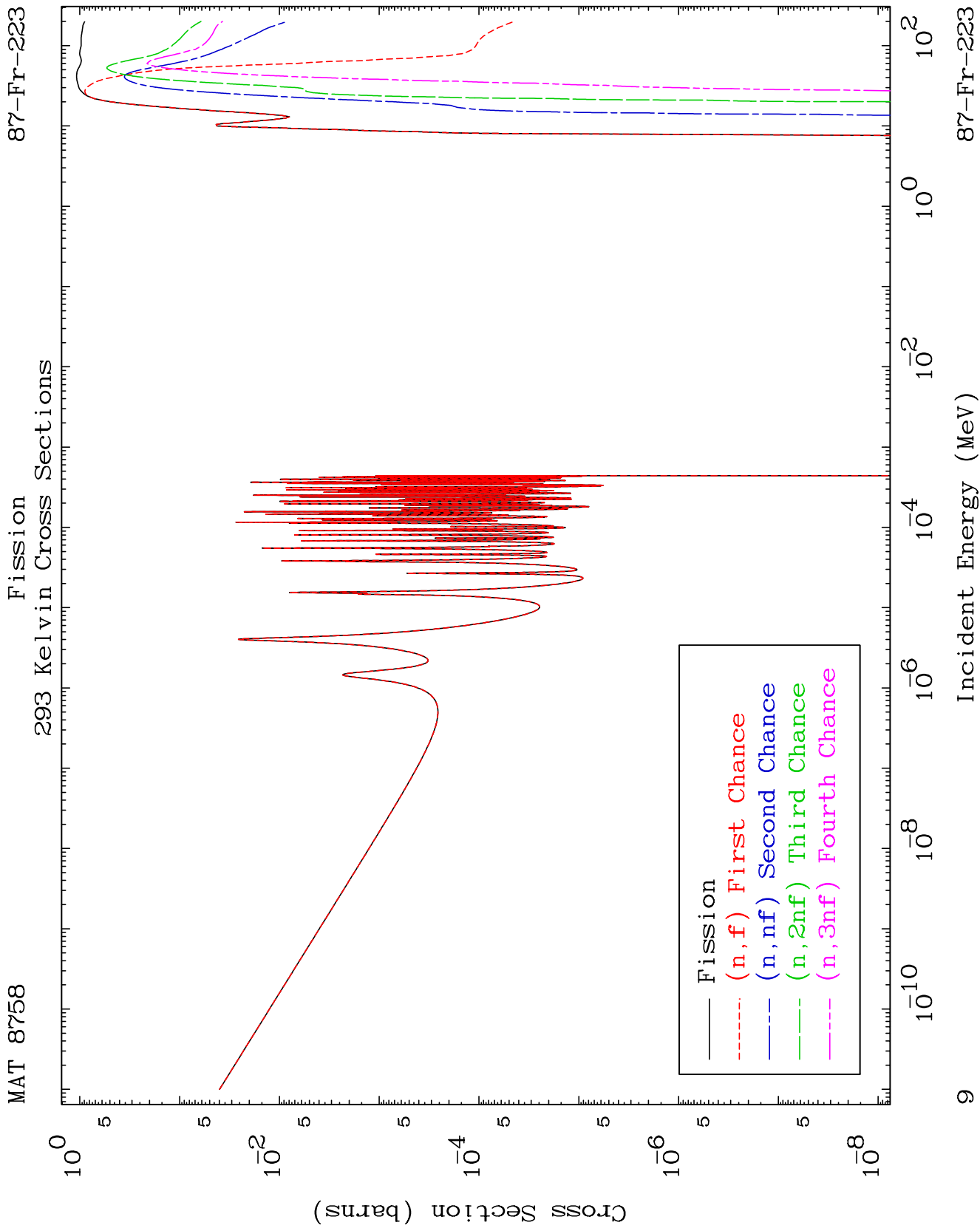
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87-Fr-223





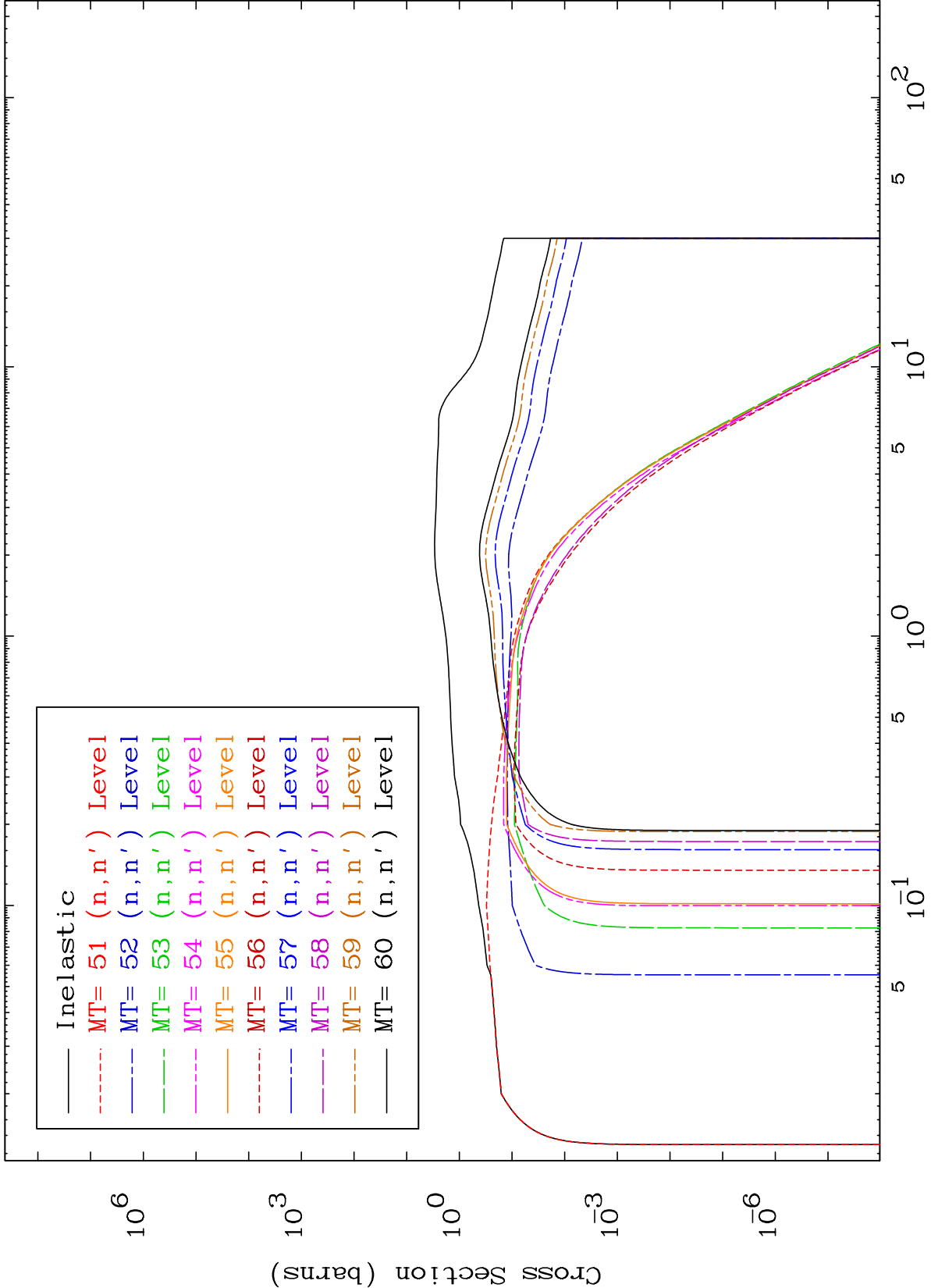




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(n,n') Levels
293 Kelvin Cross Sections

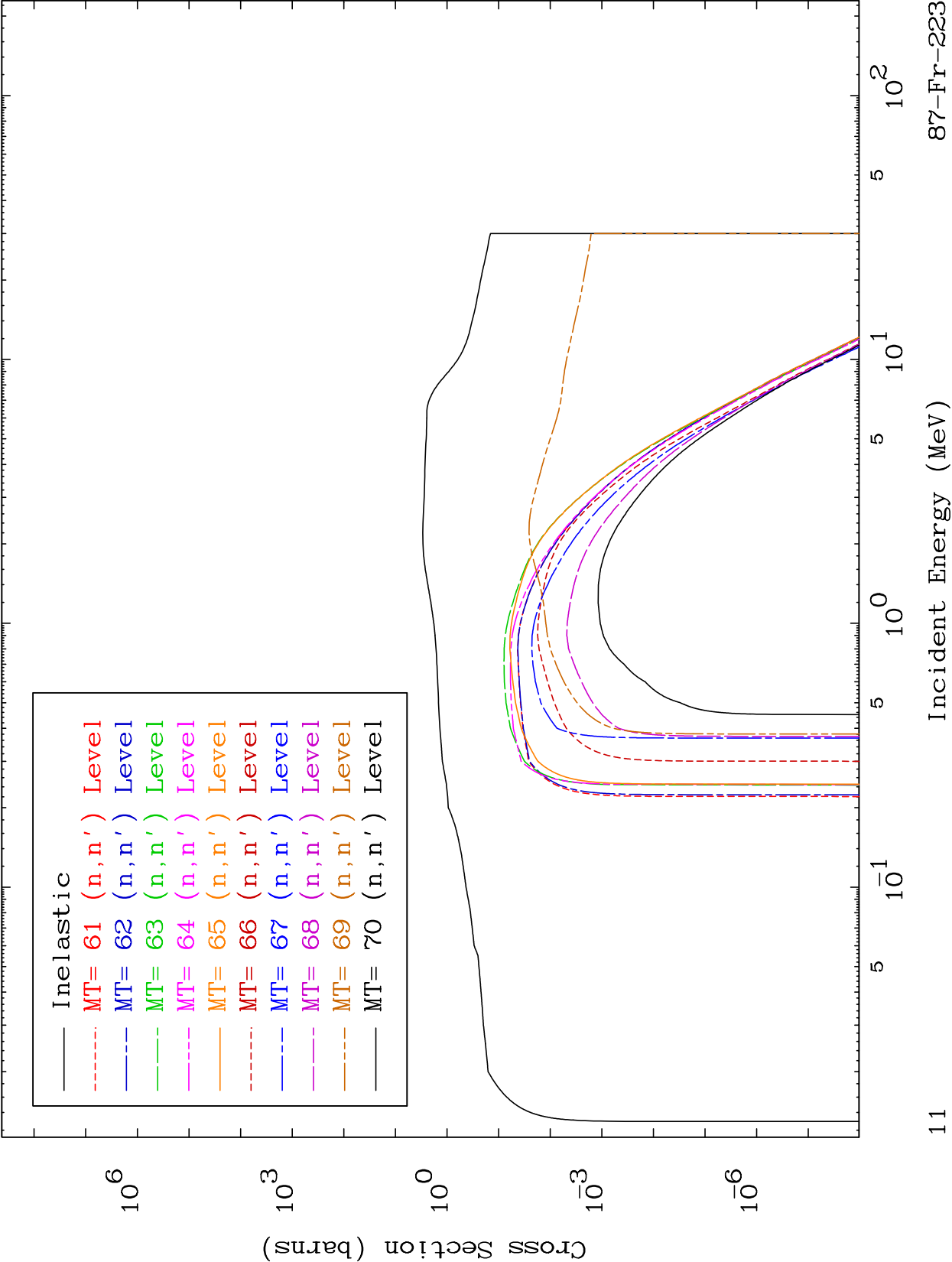
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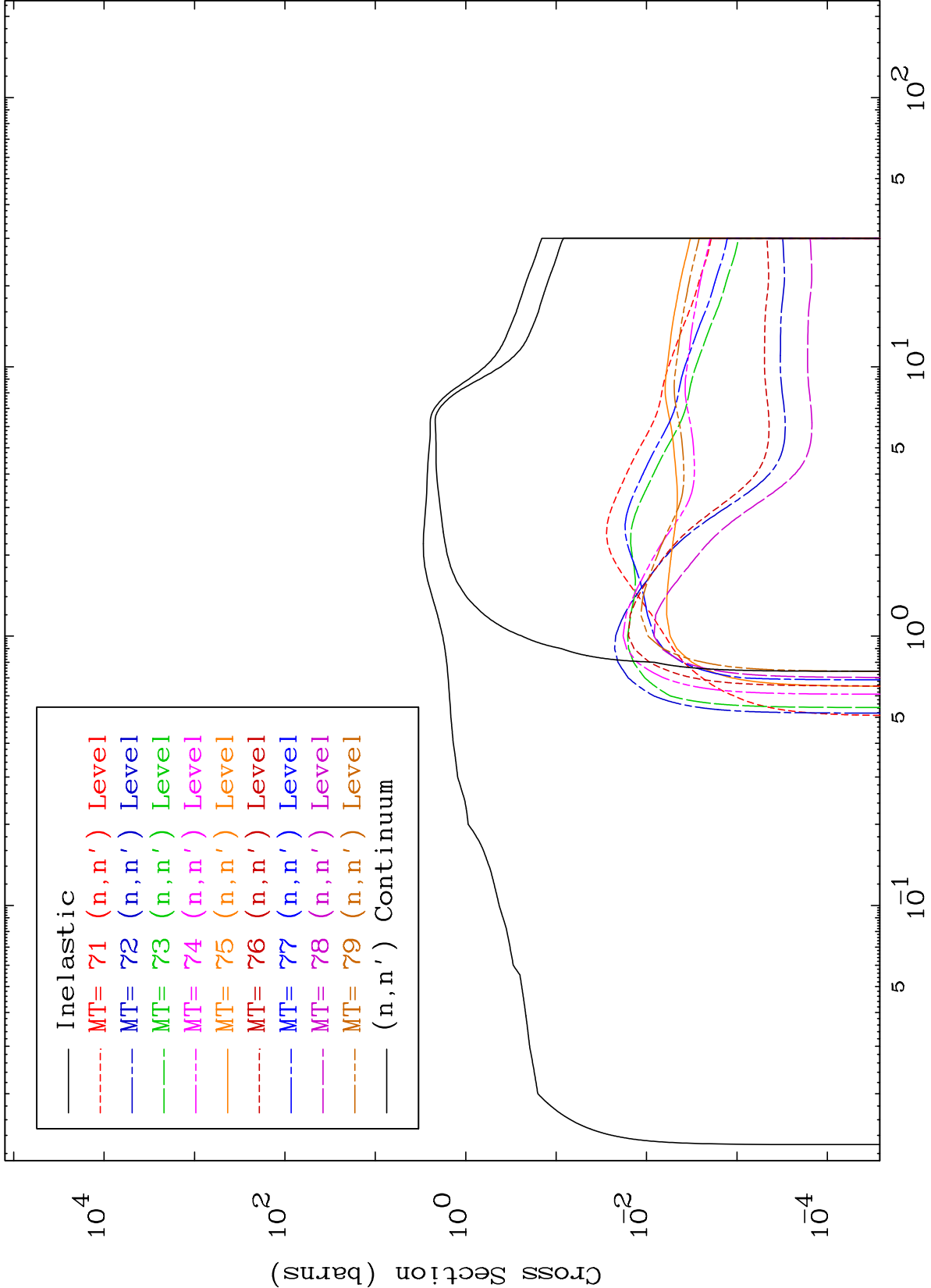


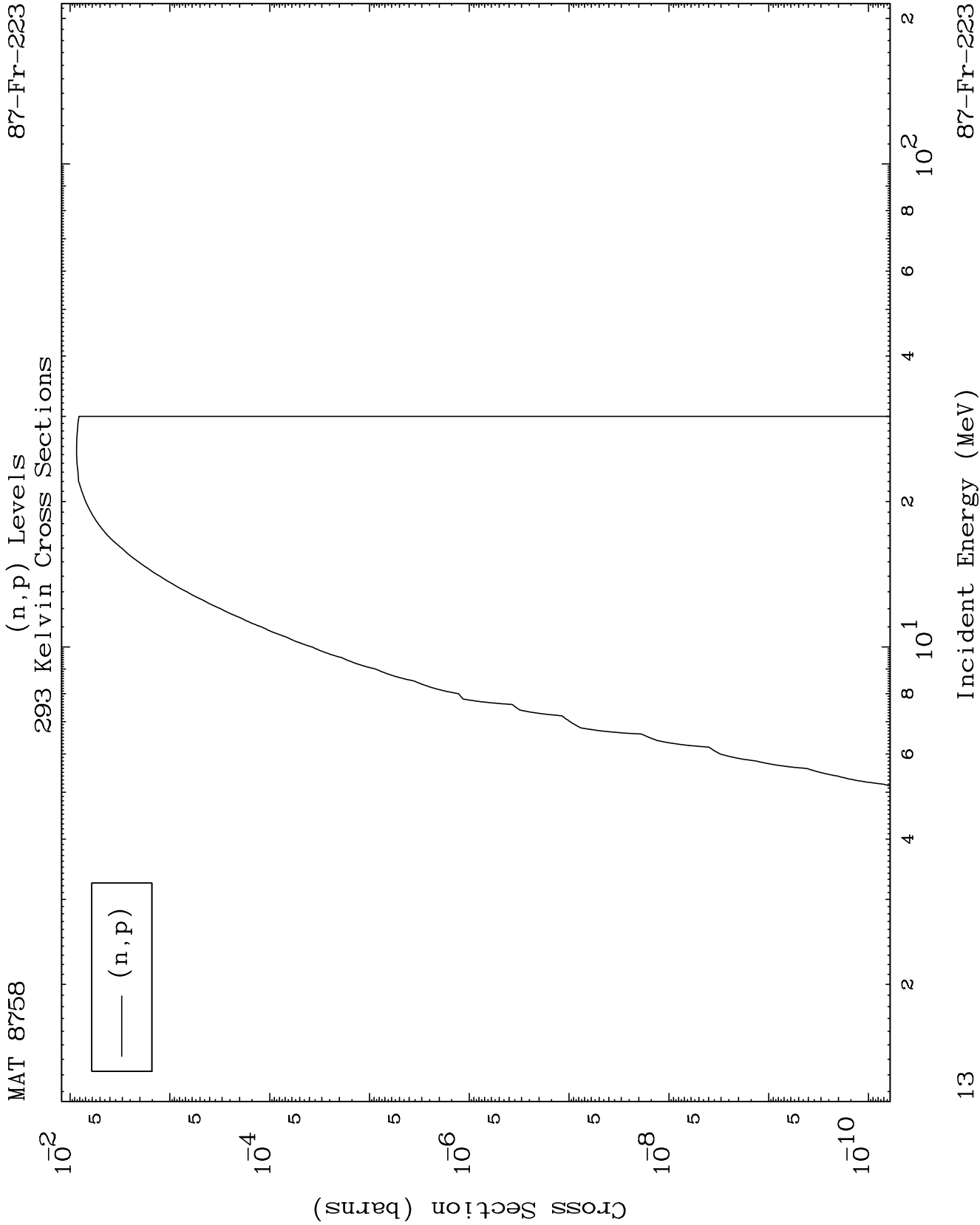
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Incident Energy (MeV)

87-Fr-223



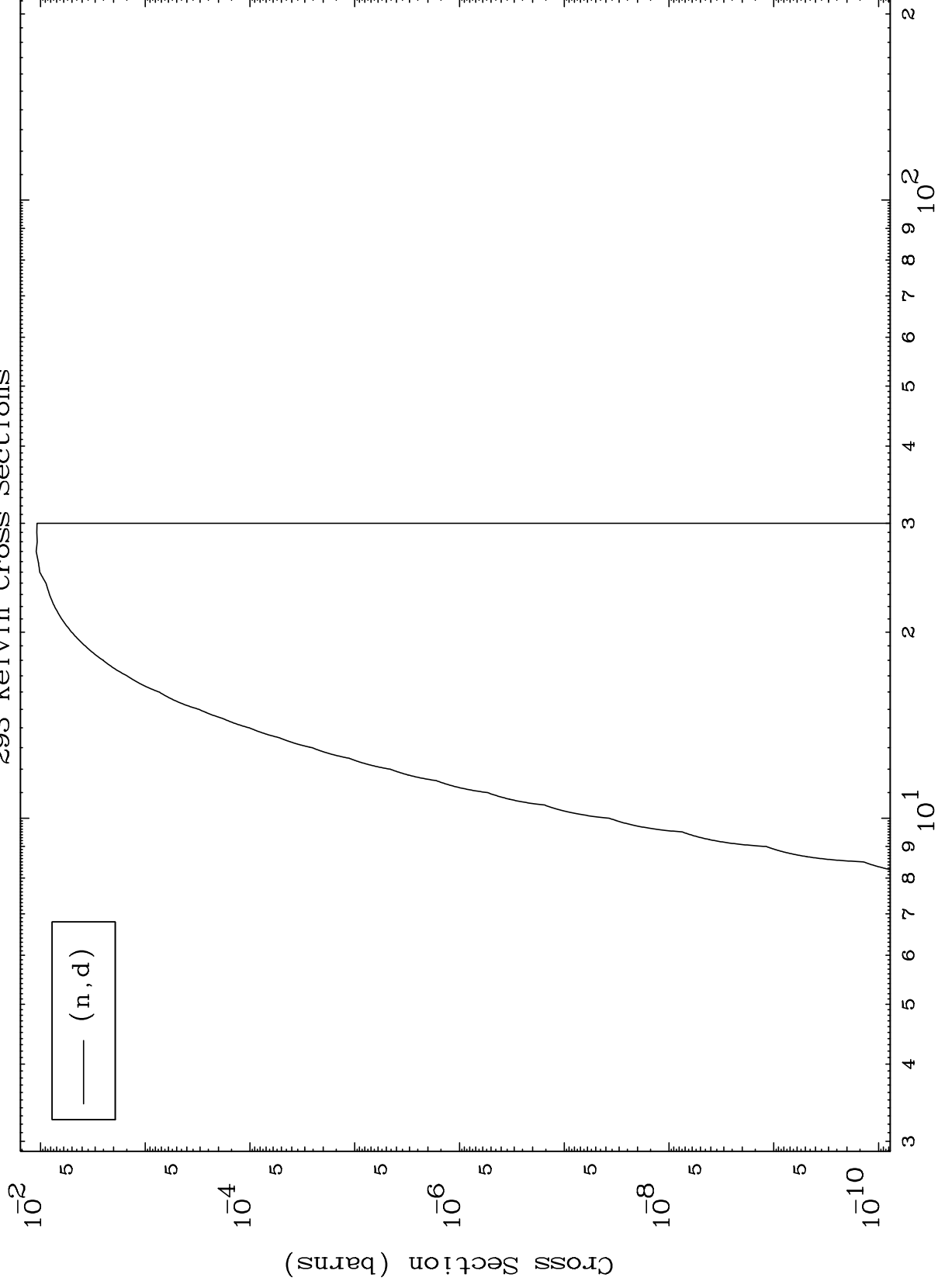




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(n,d) Levels
293 Kelvin Cross Sections

87-Fr-223



14

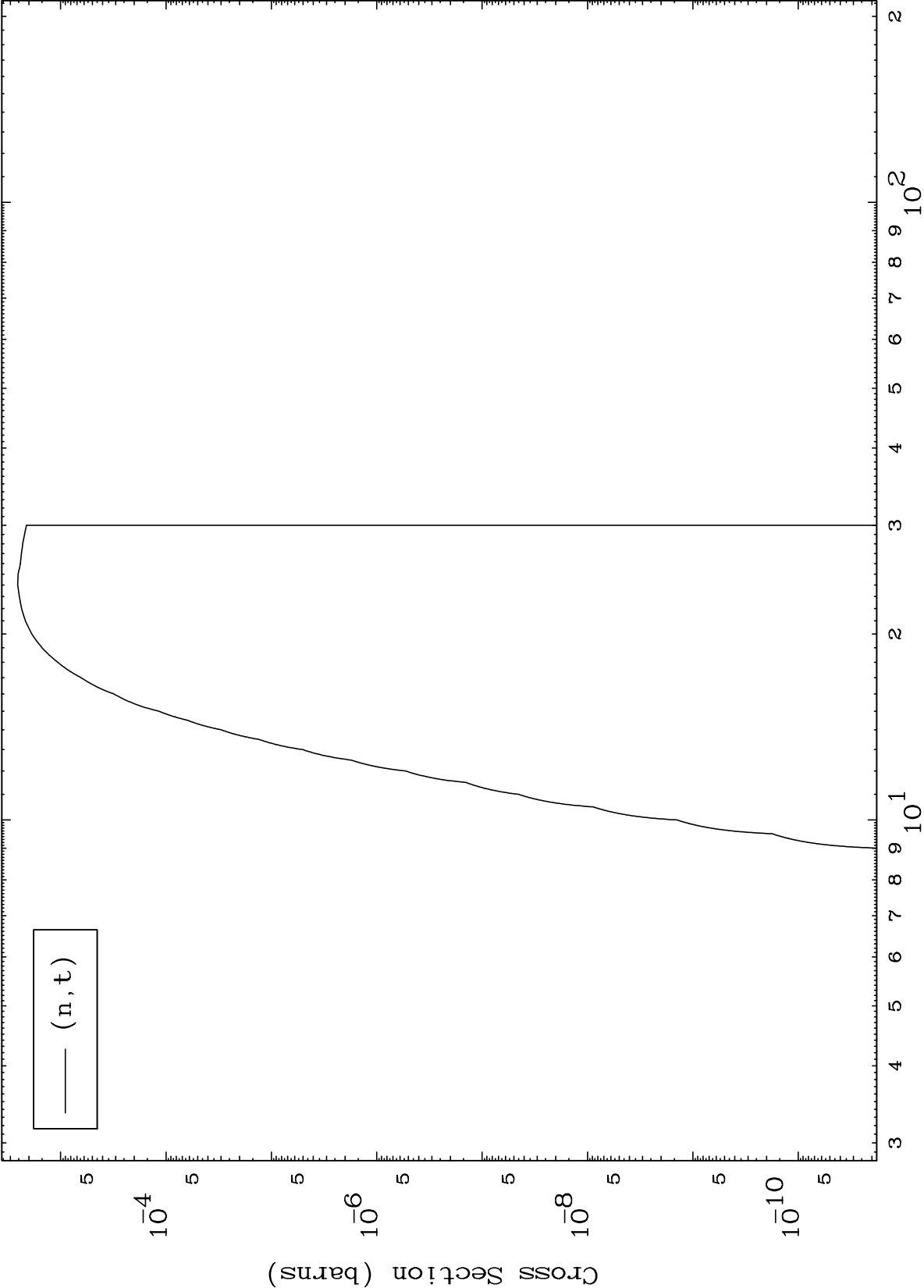
Incident Energy (MeV)

87-Fr-223

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87-Fr-223

(n,t) Levels
293 Kelvin Cross Sections



15

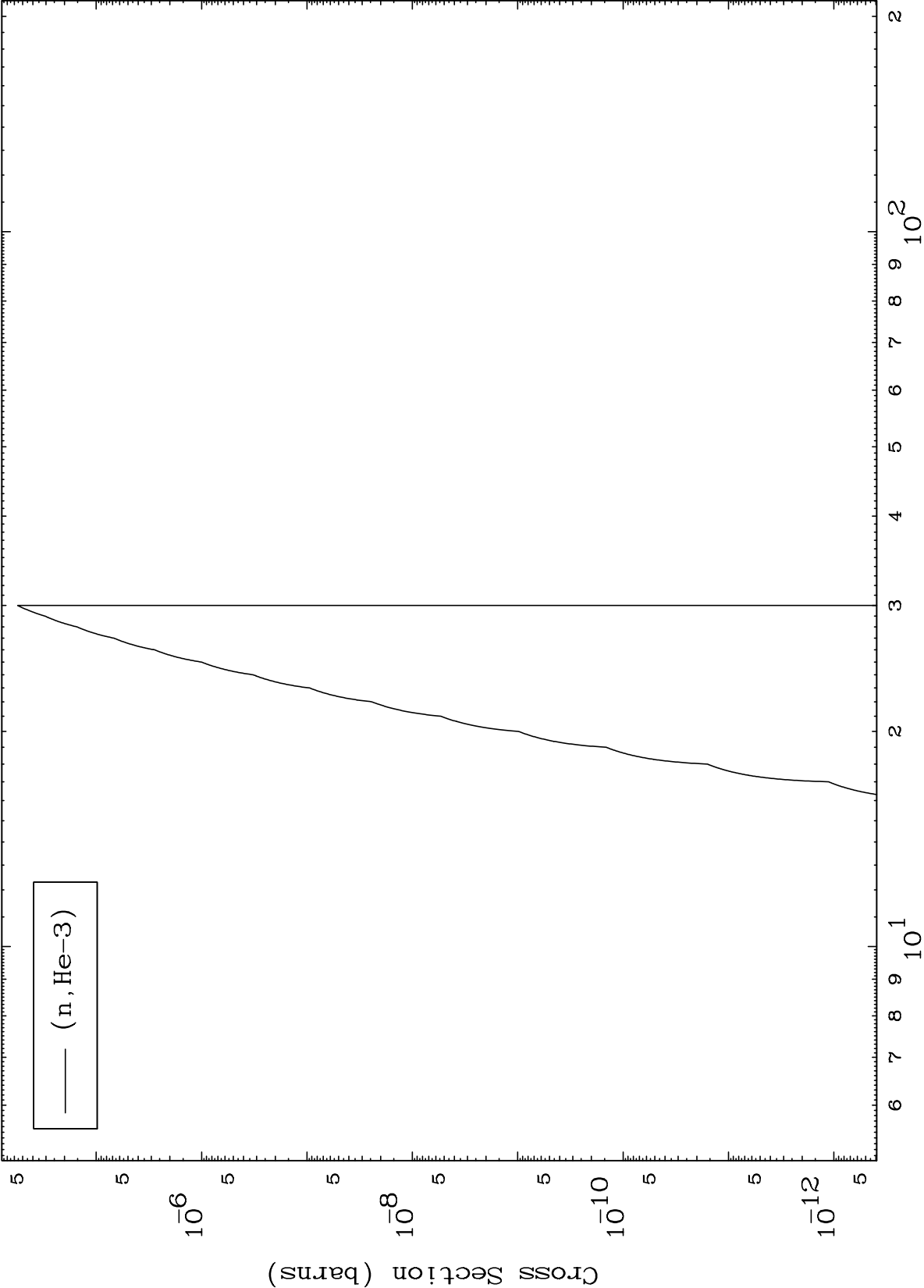
Incident Energy (MeV)

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(n,He3) Levels
293 Kelvin Cross Sections

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16

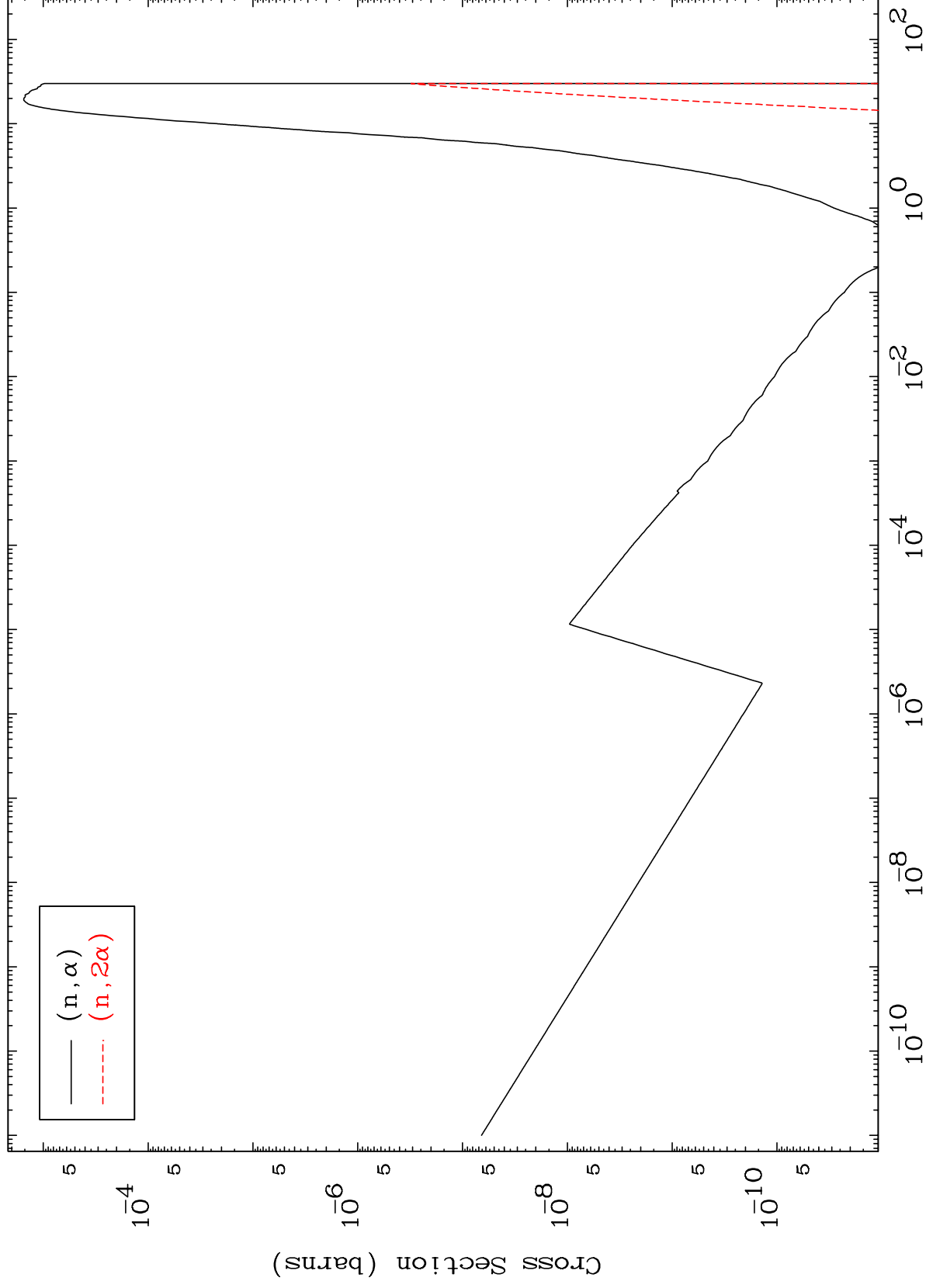
Incident Energy (MeV)

87-Fr-223

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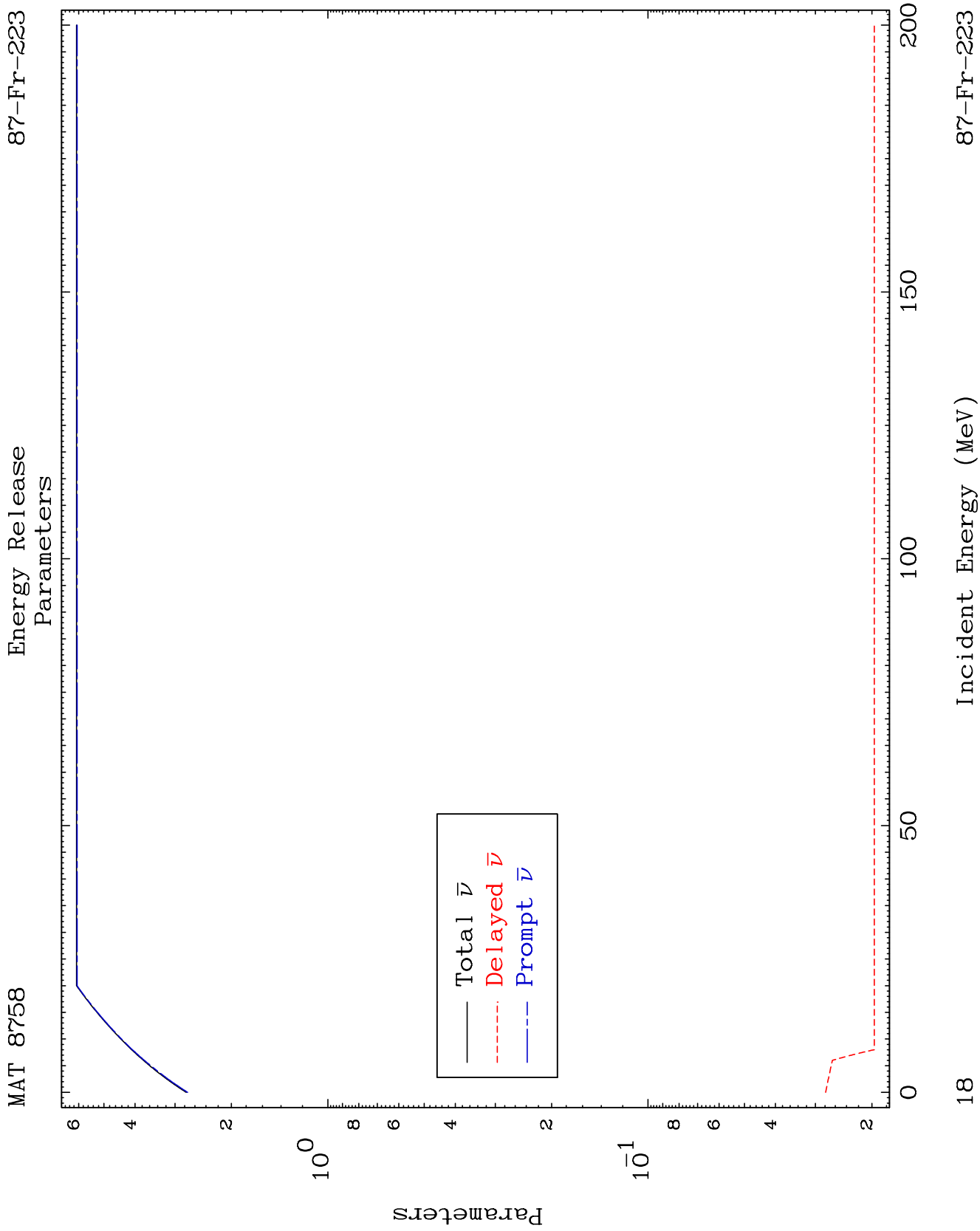
(n, α) Levels
293 Kelvin Cross Sections

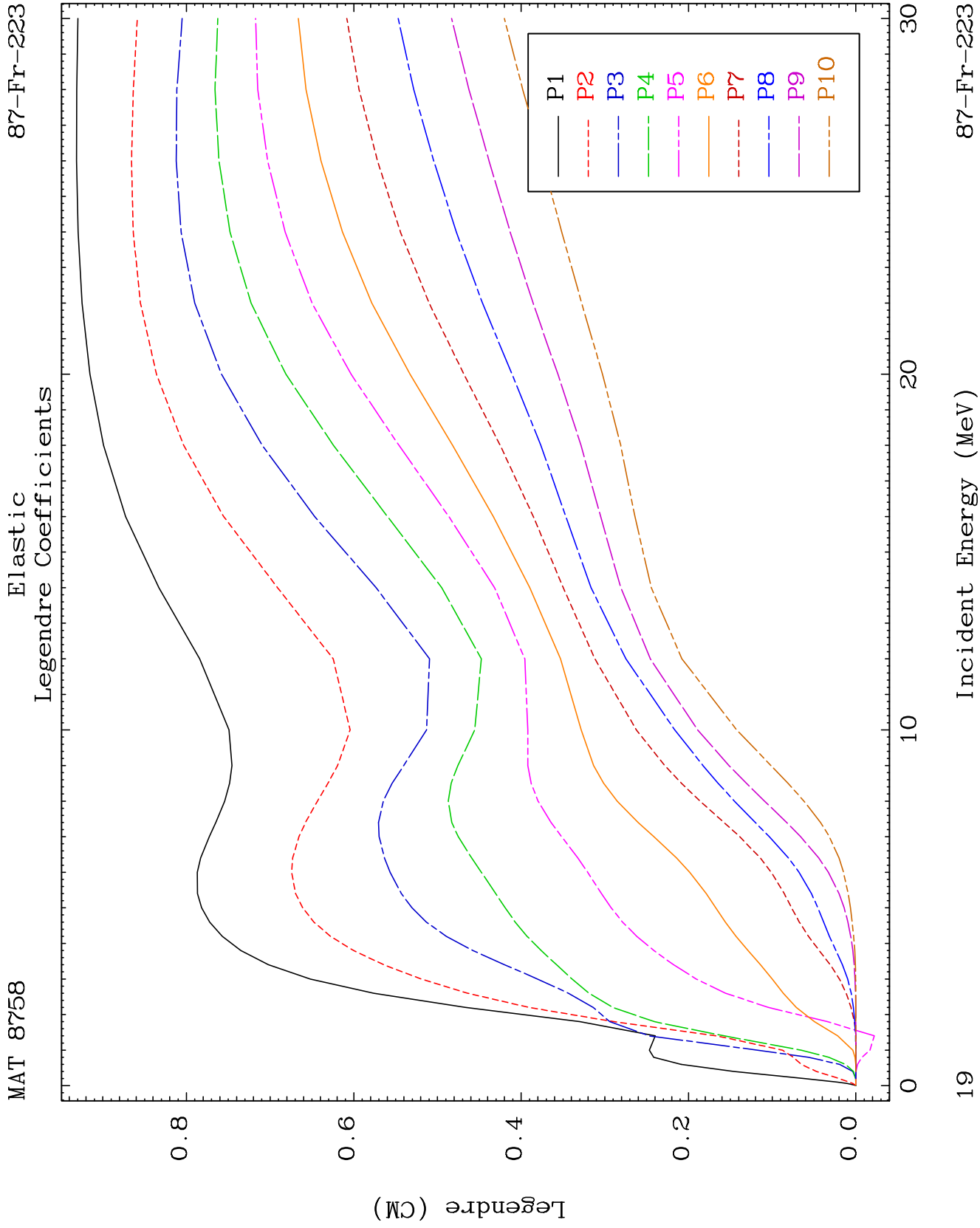
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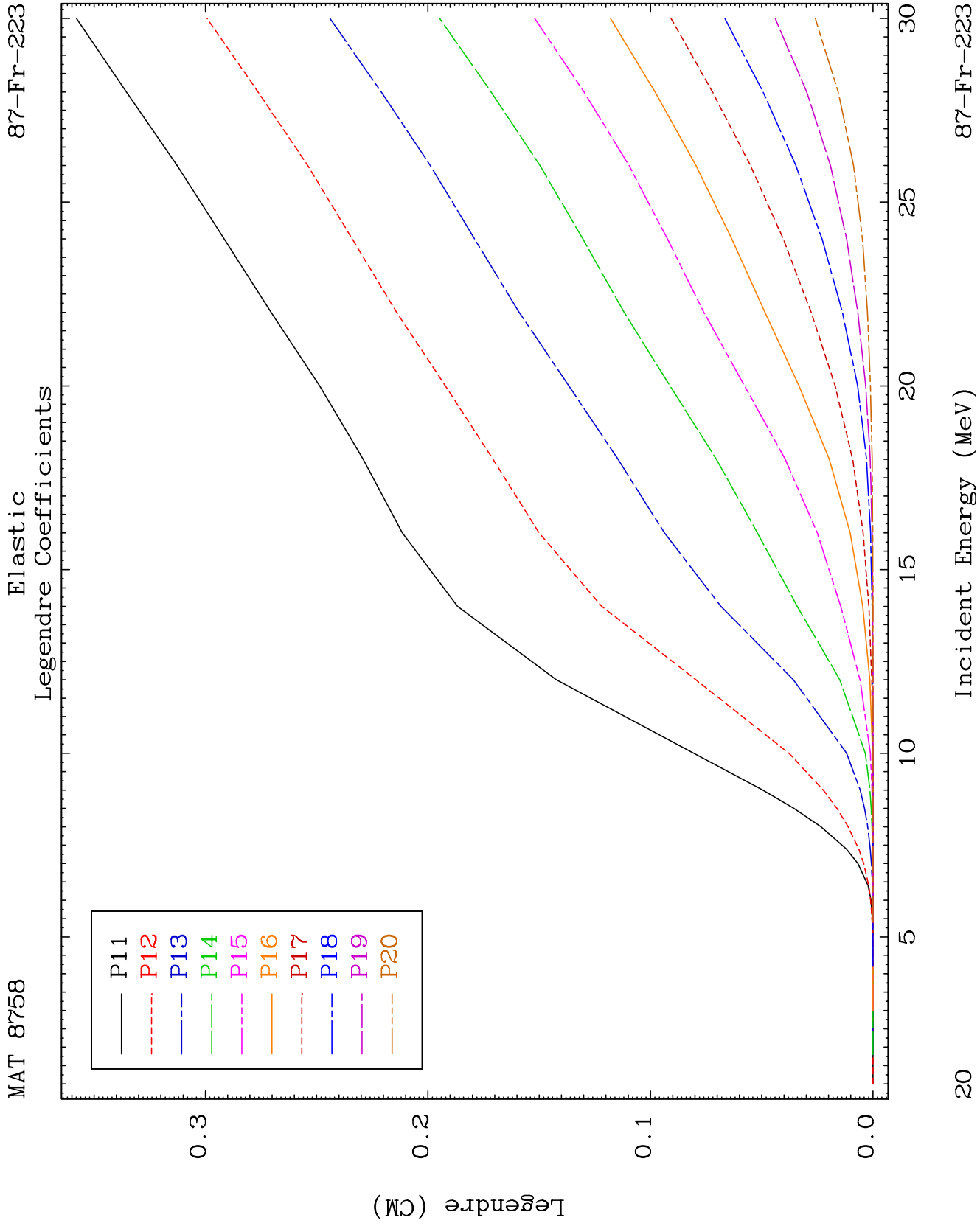


17

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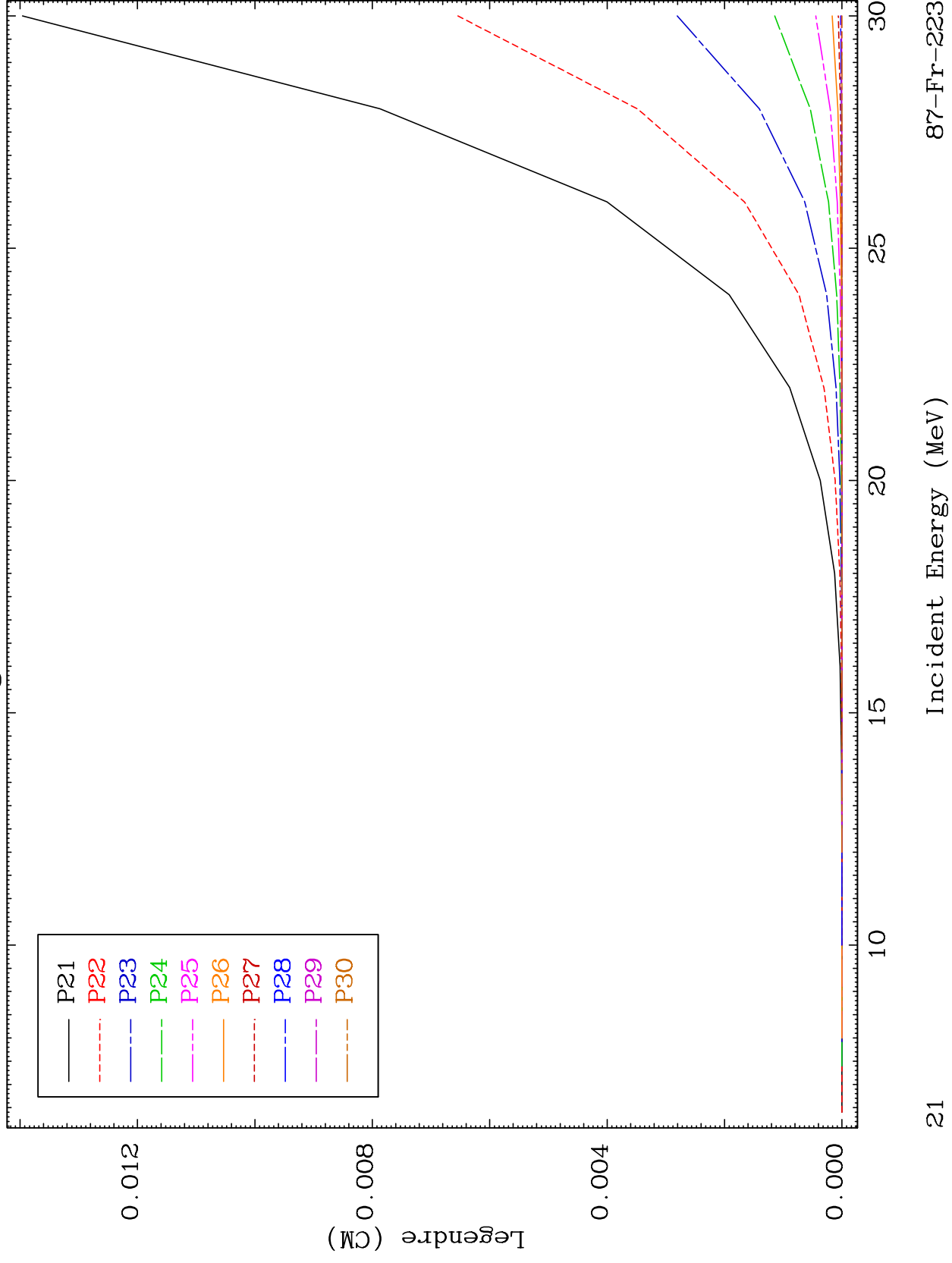


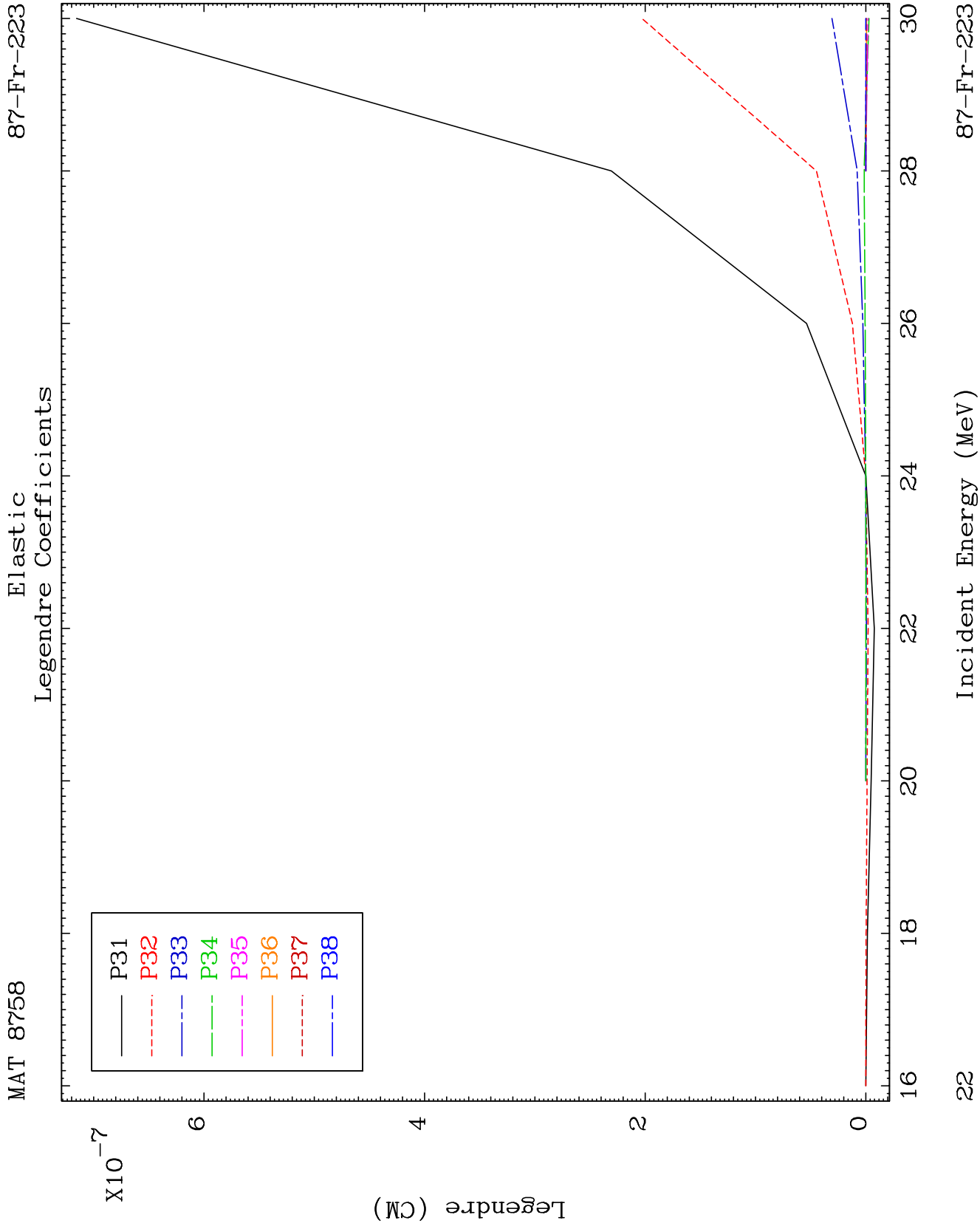


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Elastic Legendre Coefficients

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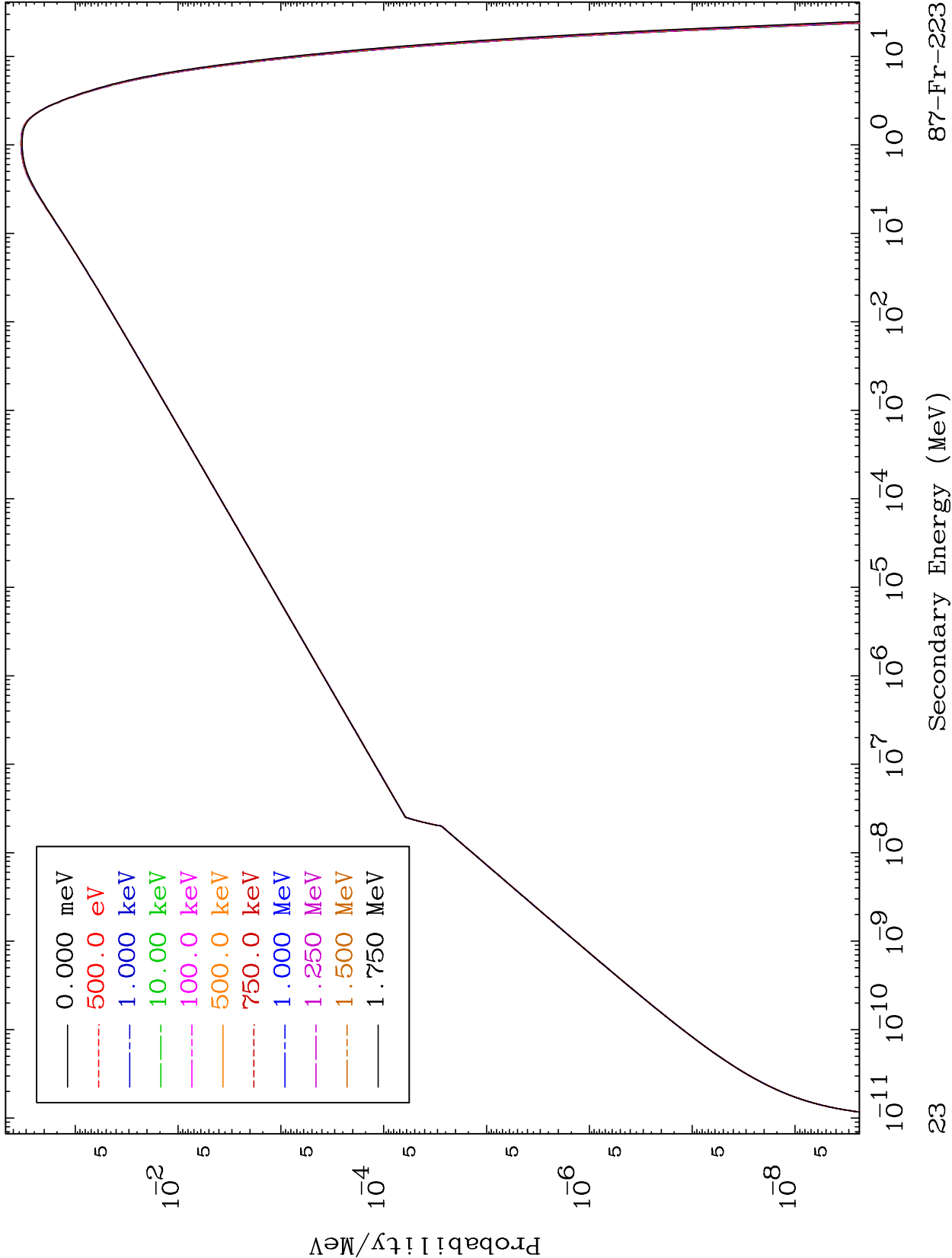


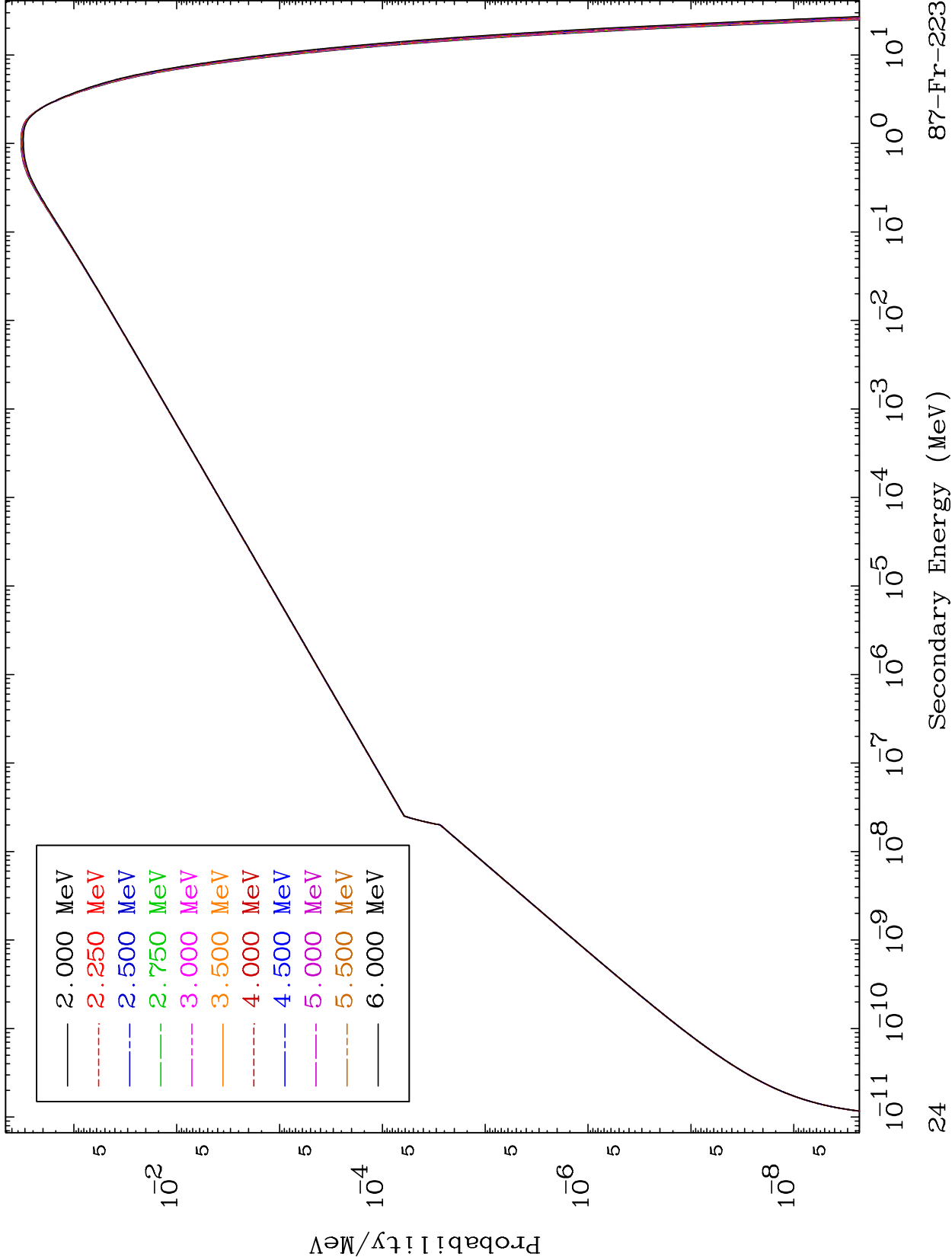


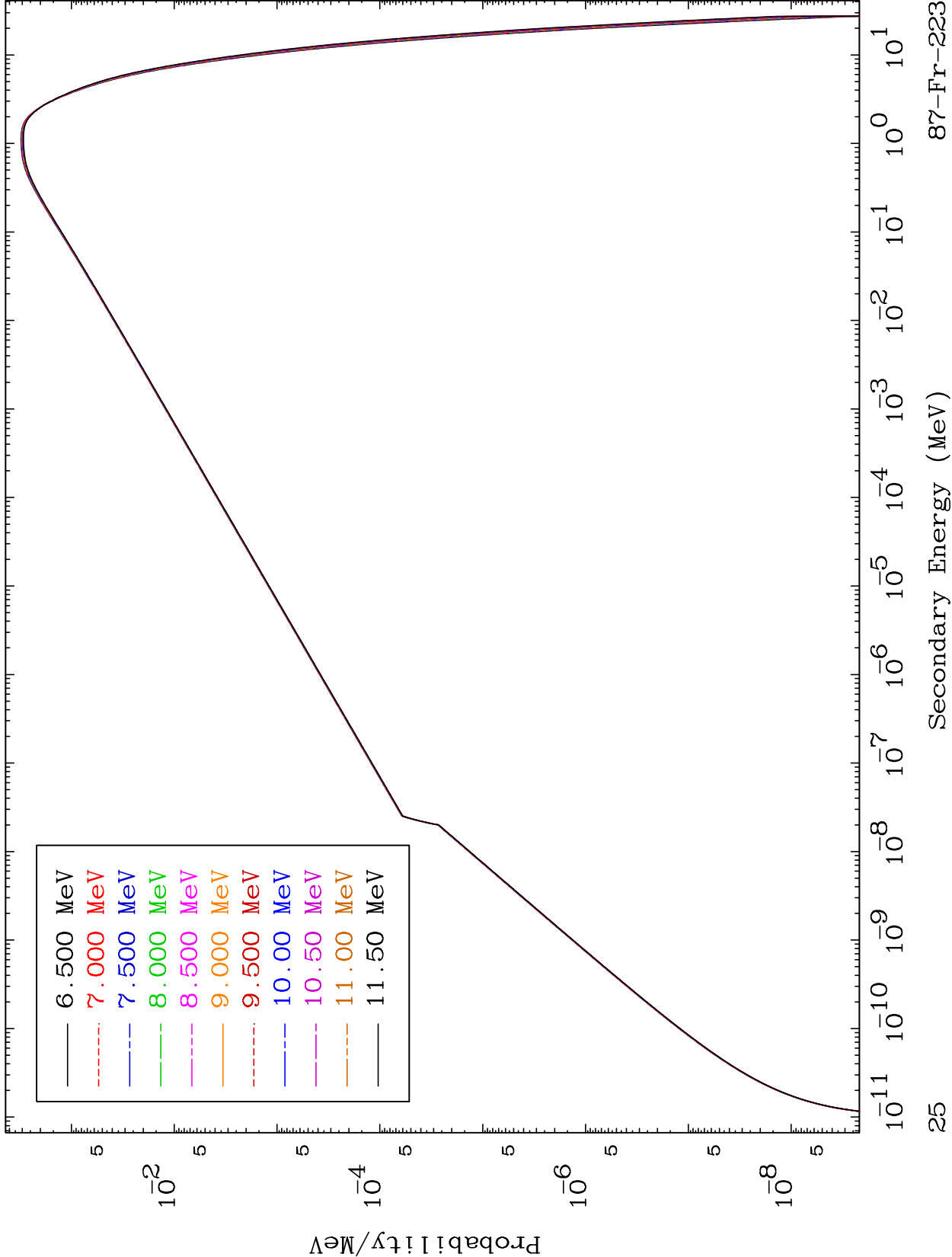
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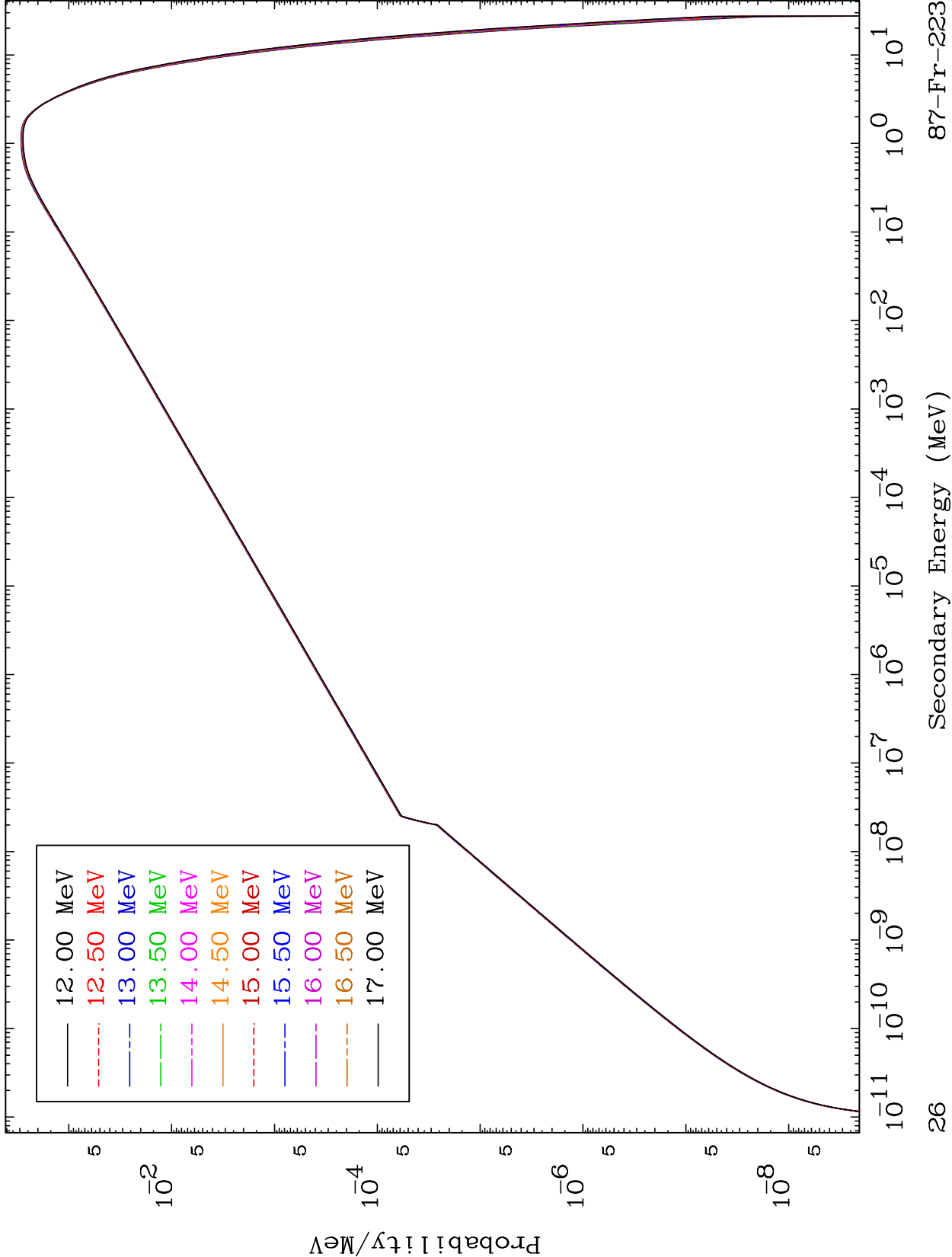
Fission
Energy Distributions

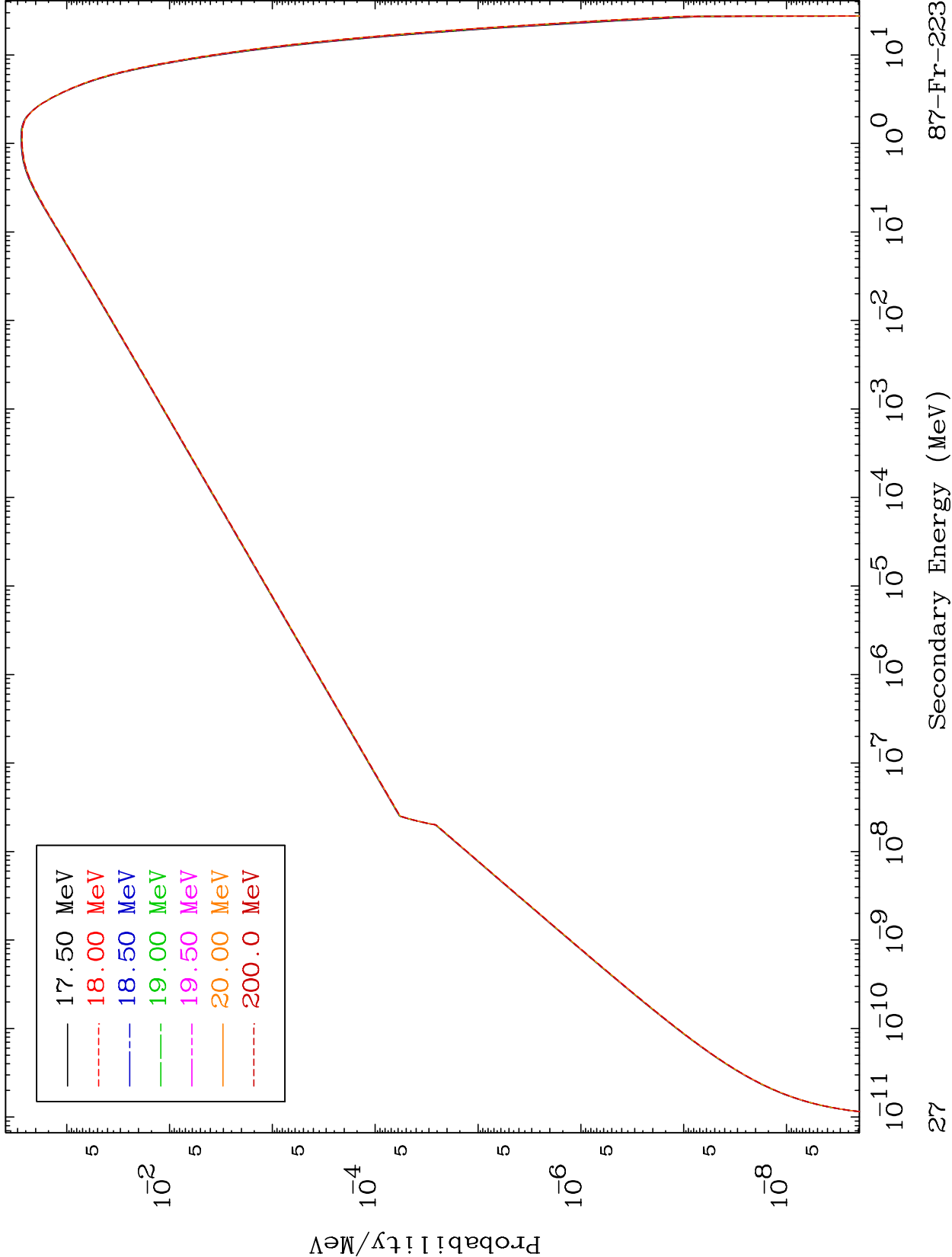
87-Fr-223



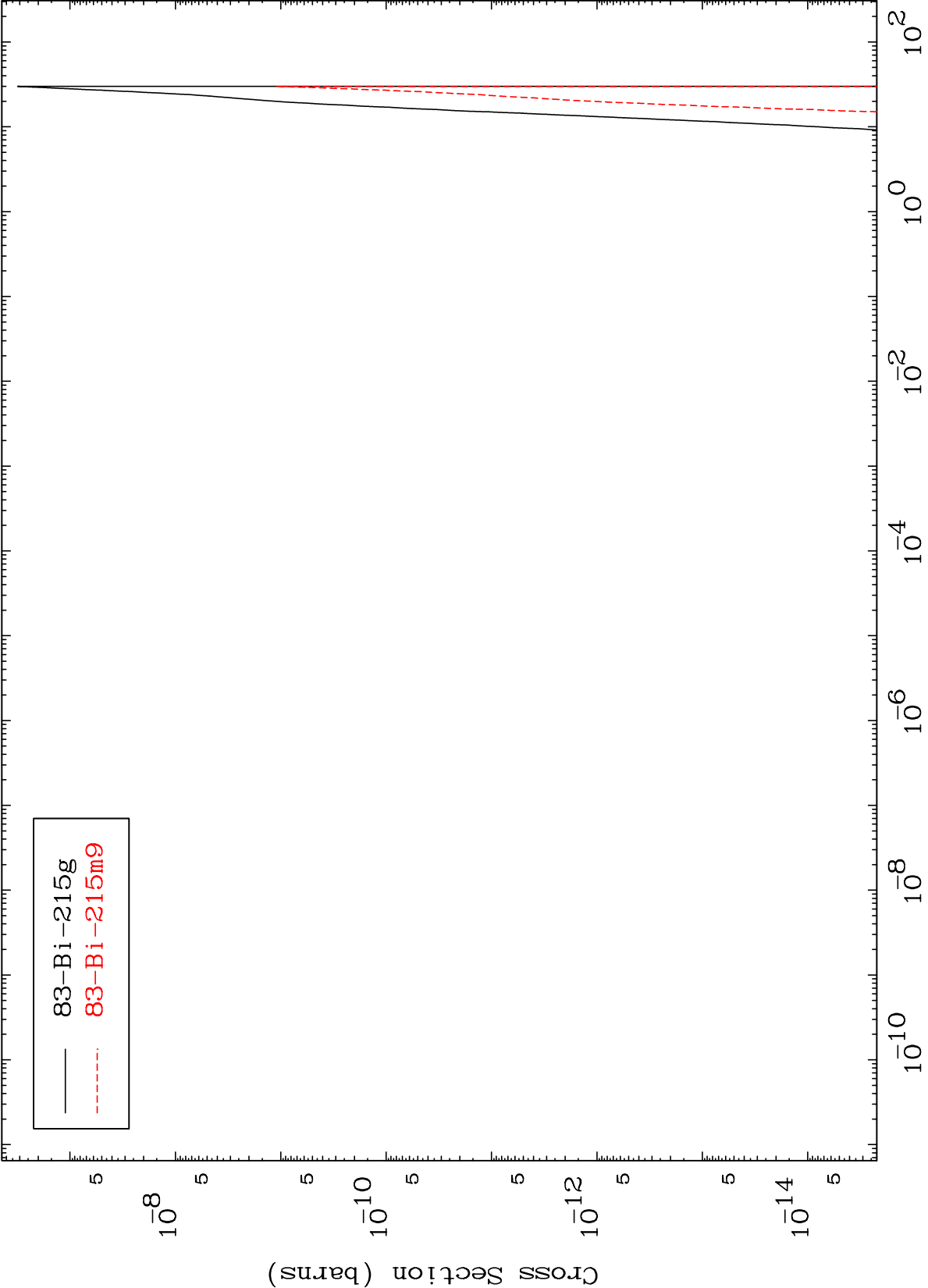








Radionuclide Production Cross Section

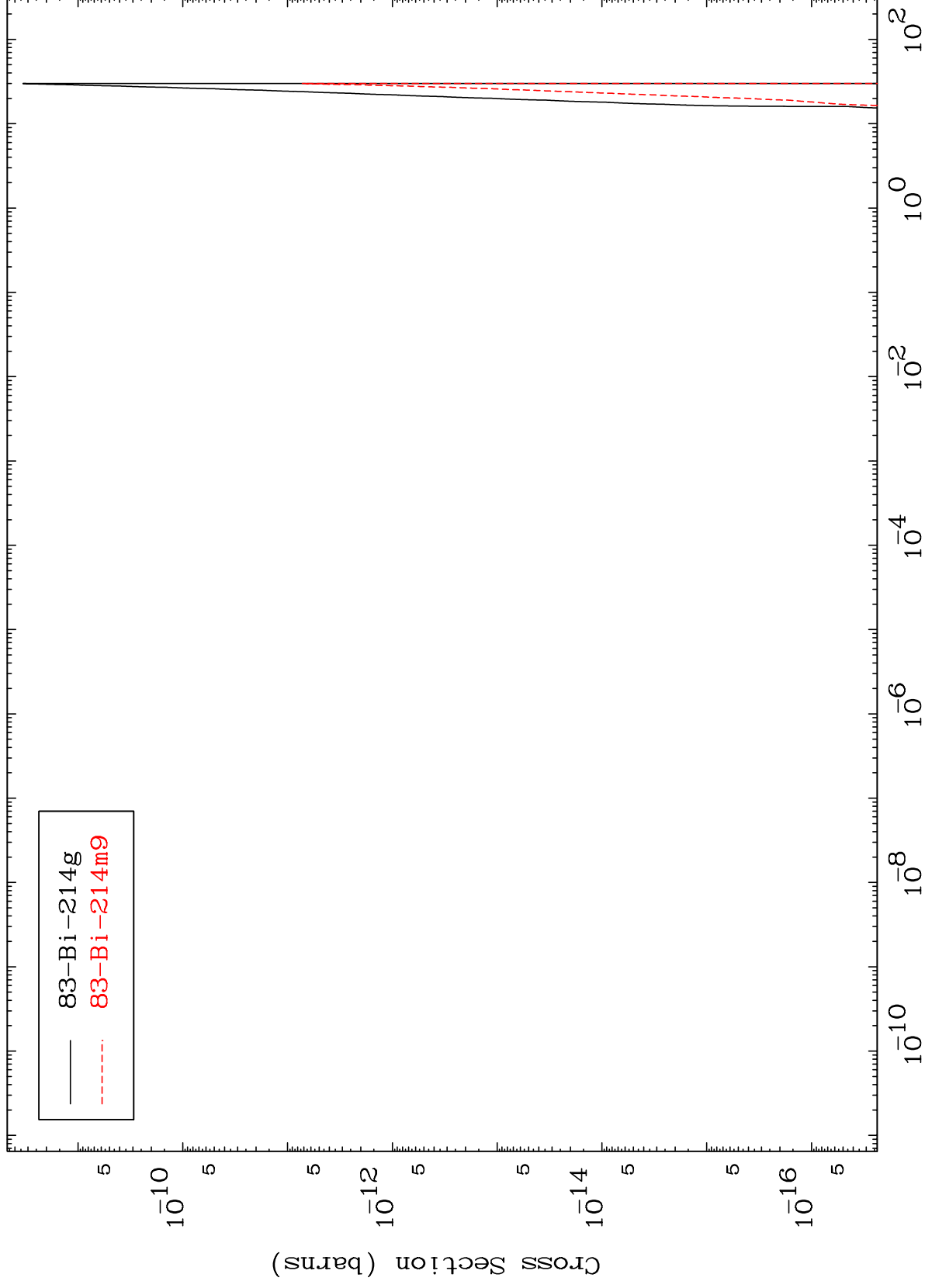


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(n,2n) 2α

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Radionuclide Production Cross Section



29

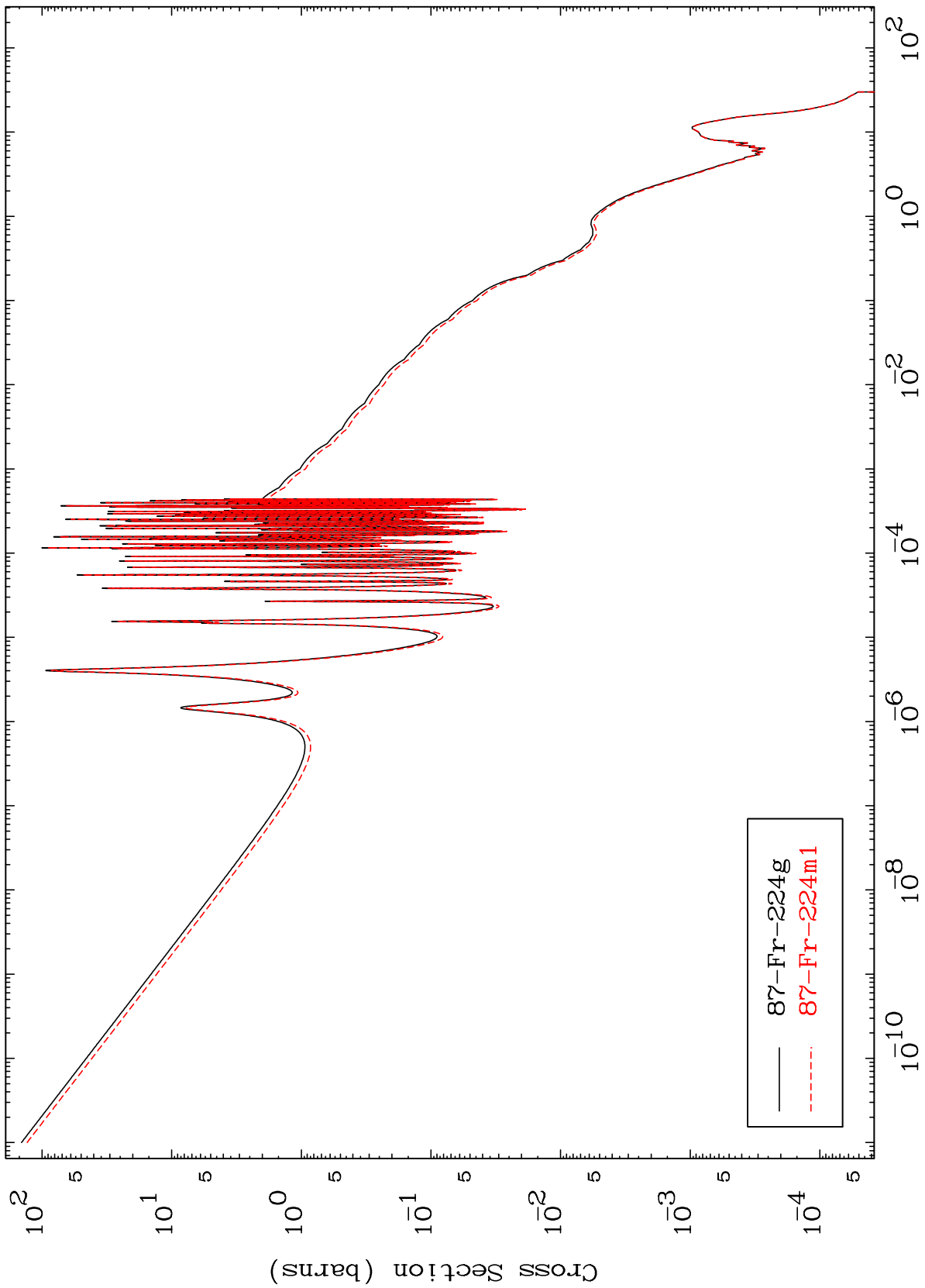
Incident Energy (MeV)

87-Fr-223

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(n, γ)
Radionuclide Production Cross Section



87-Fr-223

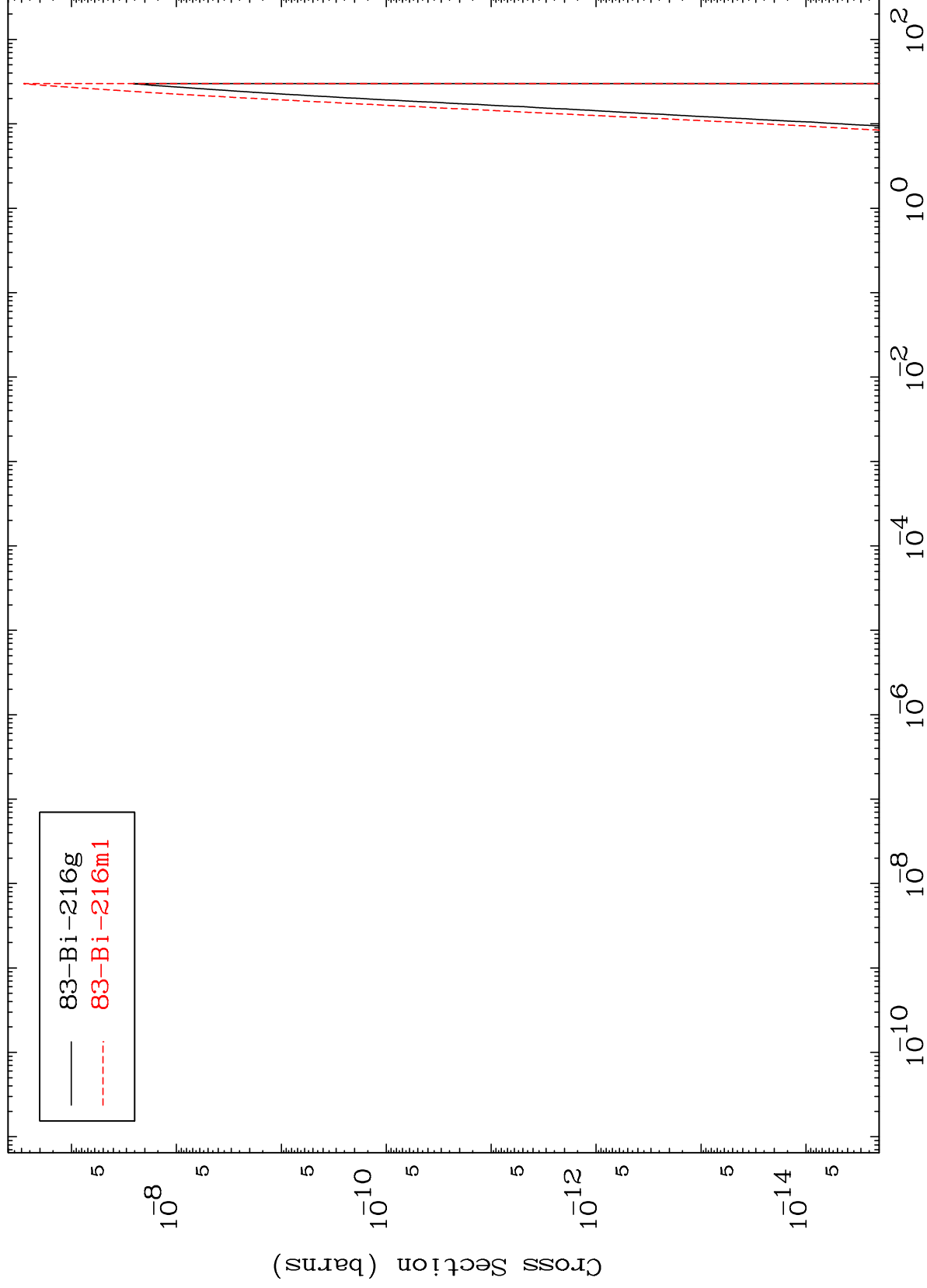
Incident Energy (MeV)

30

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(n,2α)
Radionuclide Production Cross Section



31

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