

Program EVALPLOT
(Version 2017-1)

by

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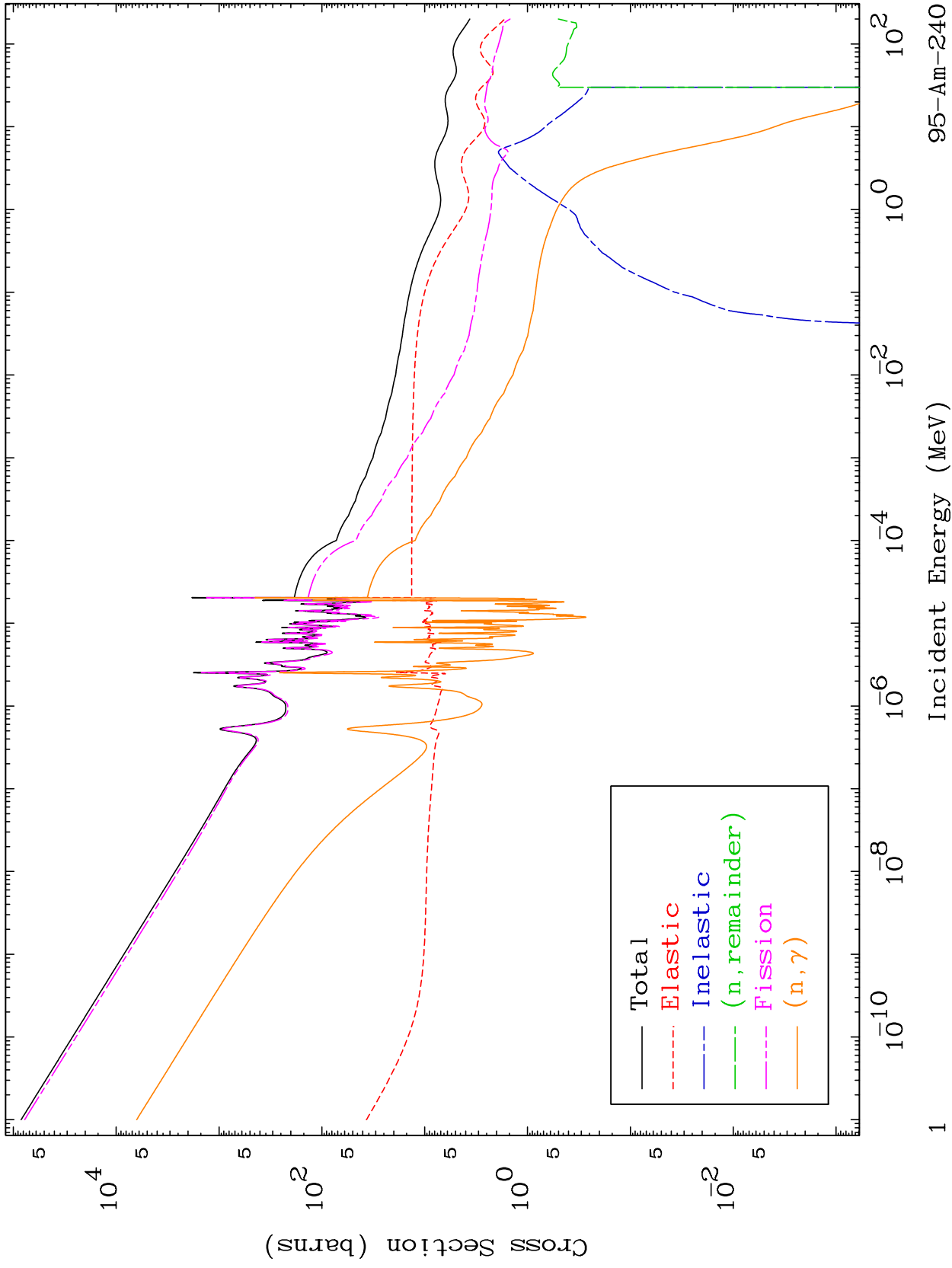
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9540

Major
293 Kelvin Cross Sections

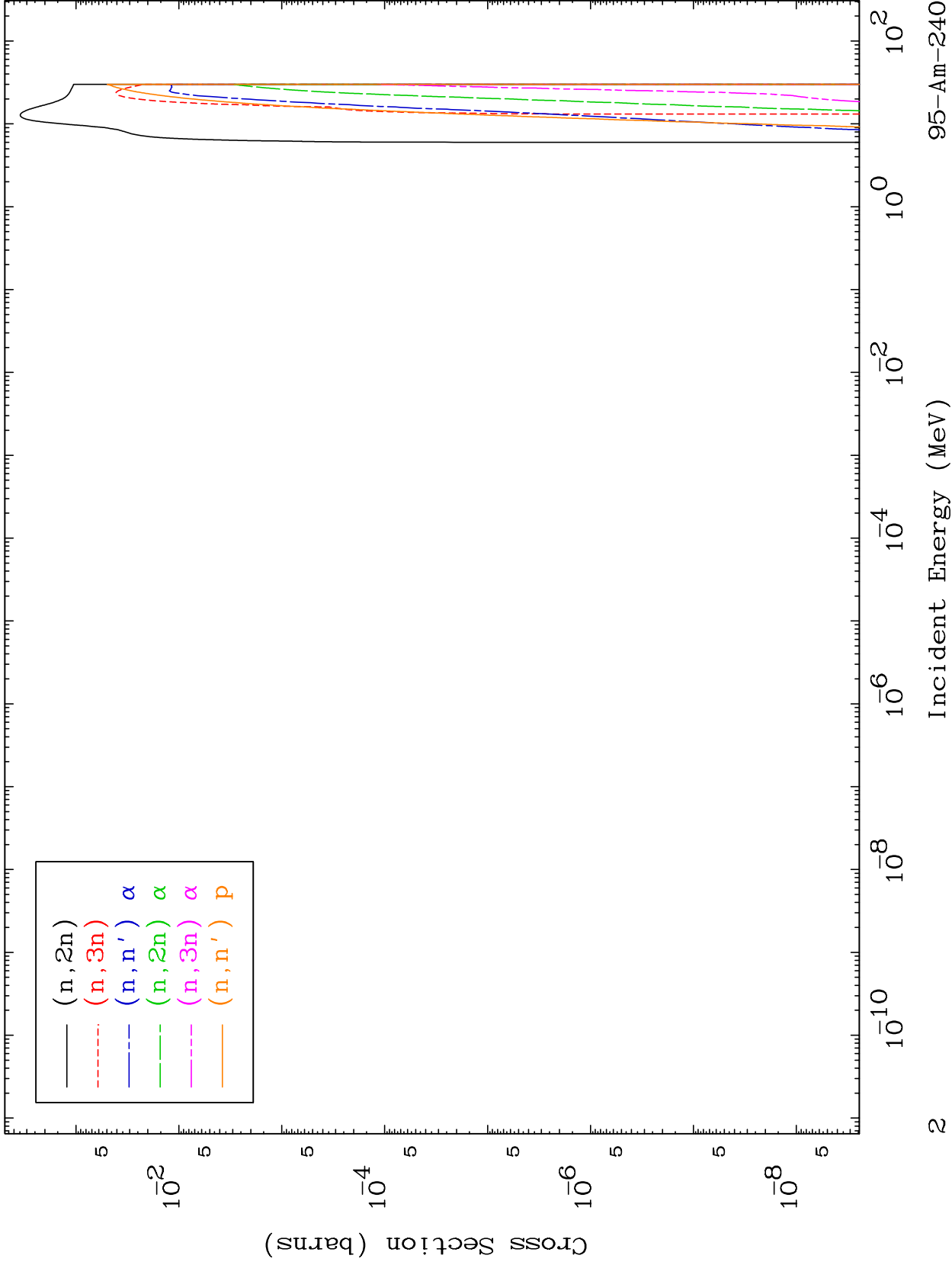
95-Am-240



MAT 9540

Neutron Production
293 Kelvin Cross Sections

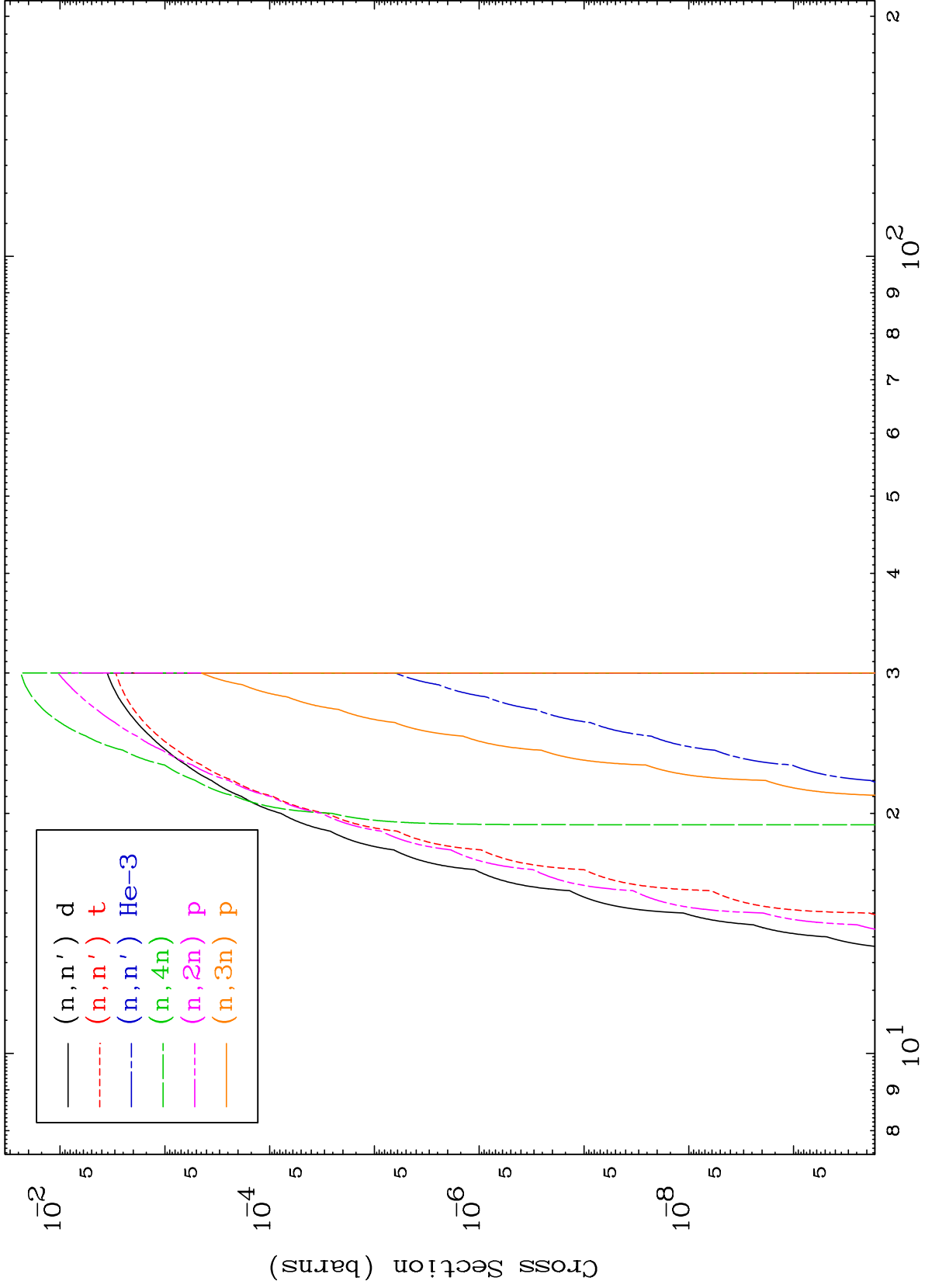
95-Am-240



MAT 9540

Neutron Production
293 Kelvin Cross Sections

95-Am-240



3

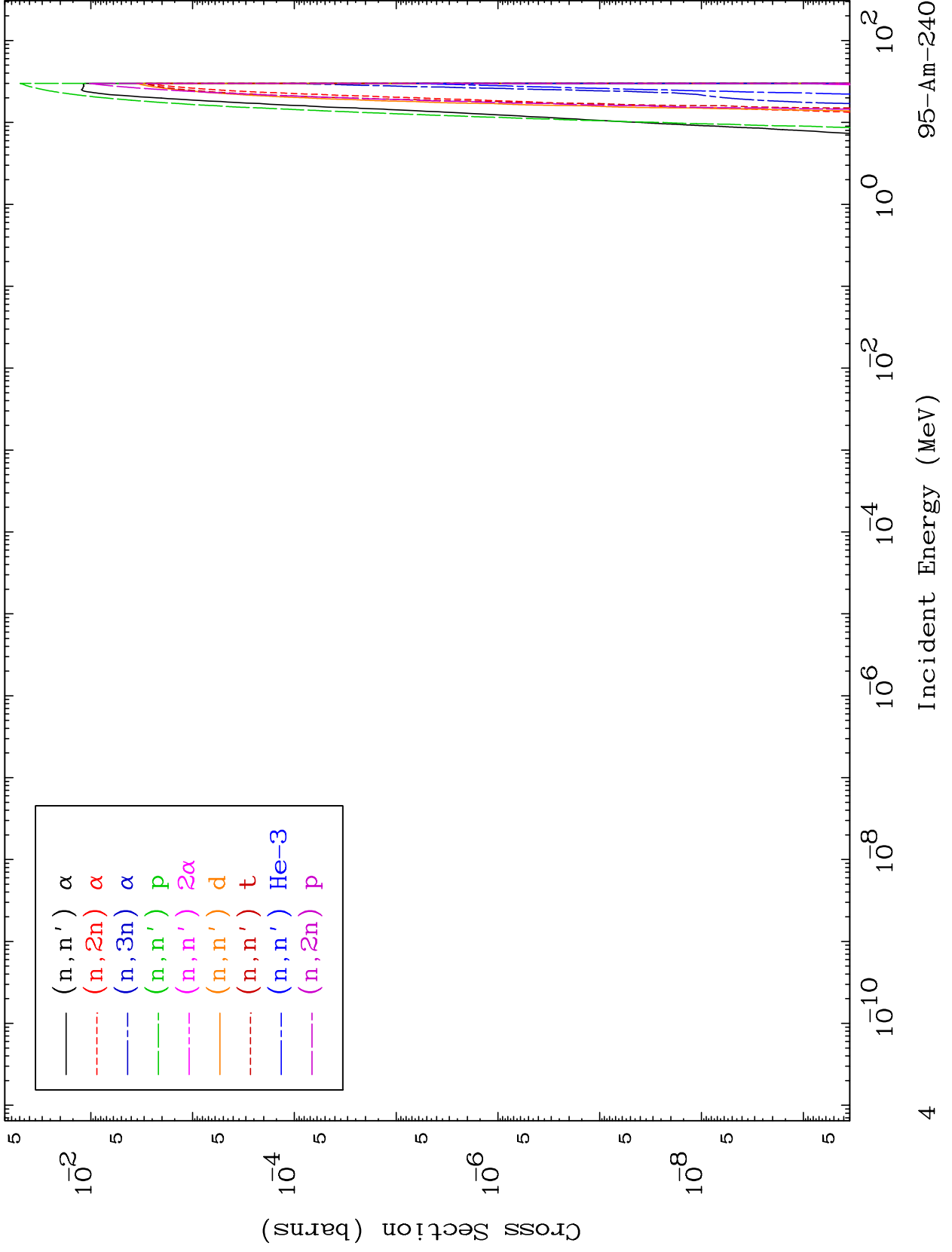
Incident Energy (MeV)

95-Am-240

MAT 9540

Charged Particle
293 Kelvin Cross Sections

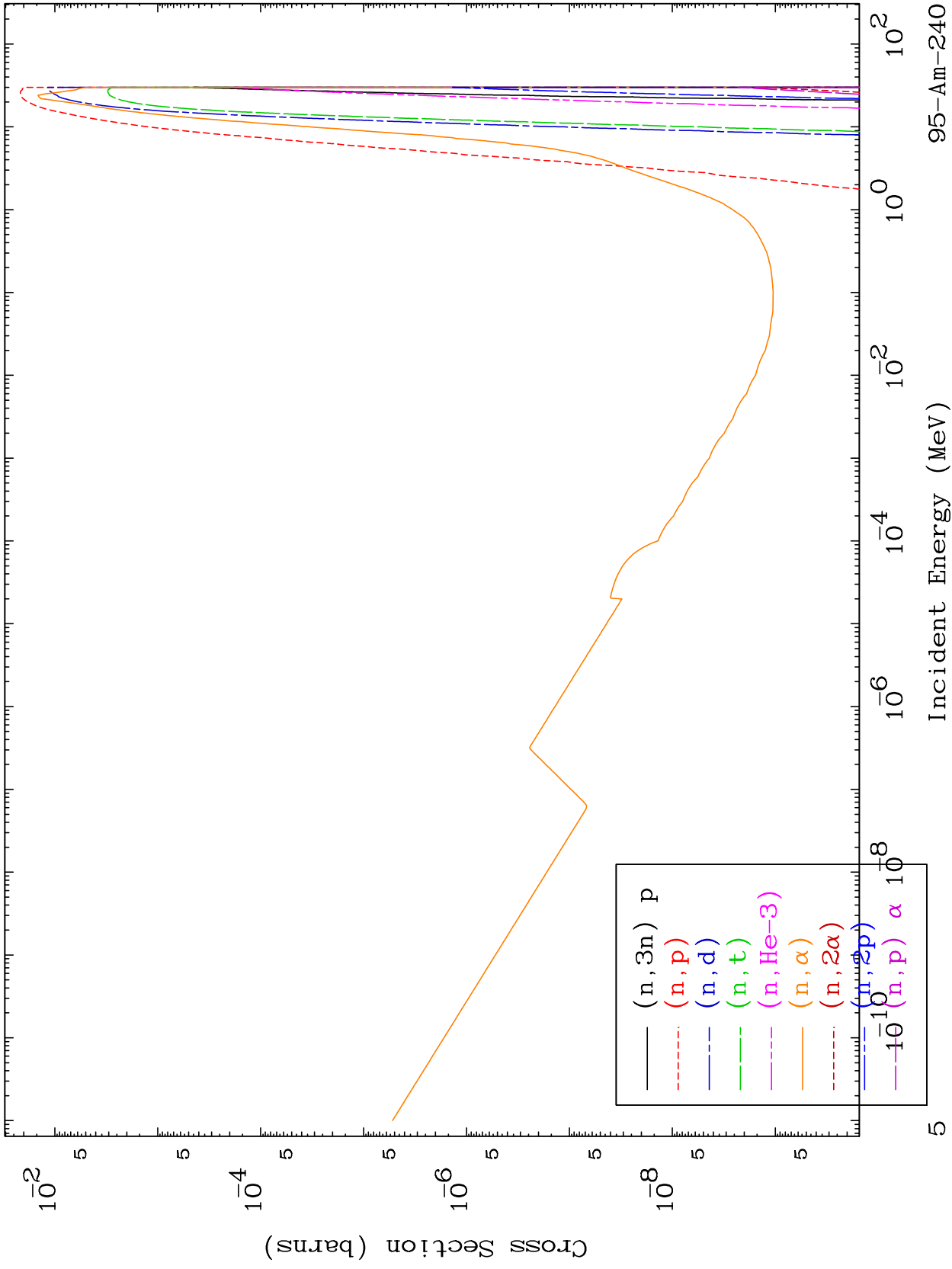
95-Am-240



MAT 9540

Charged Particle
293 Kelvin Cross Sections

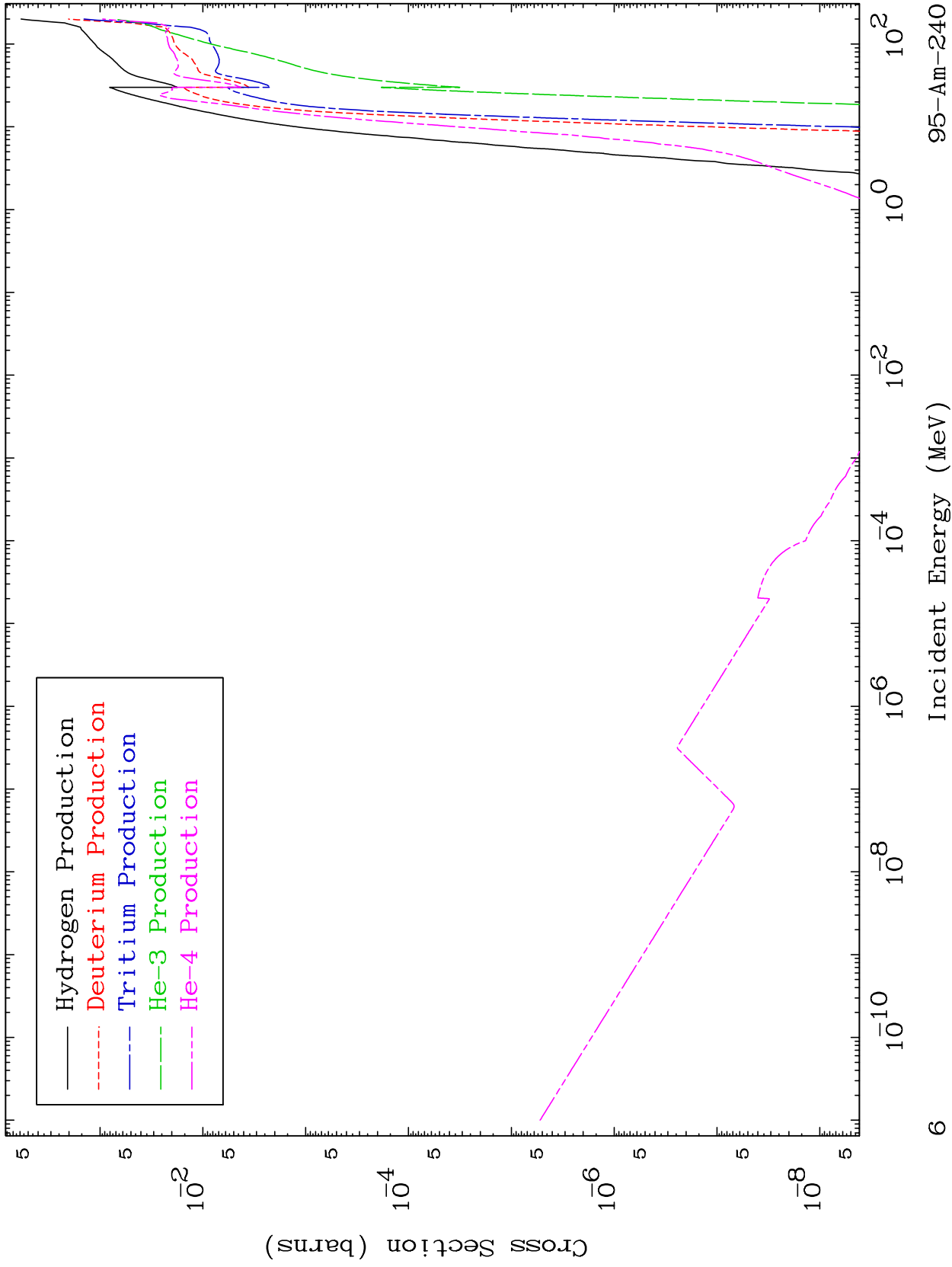
95-Am-240



MAT 9540

Particle Production
293 Kelvin Cross Sections

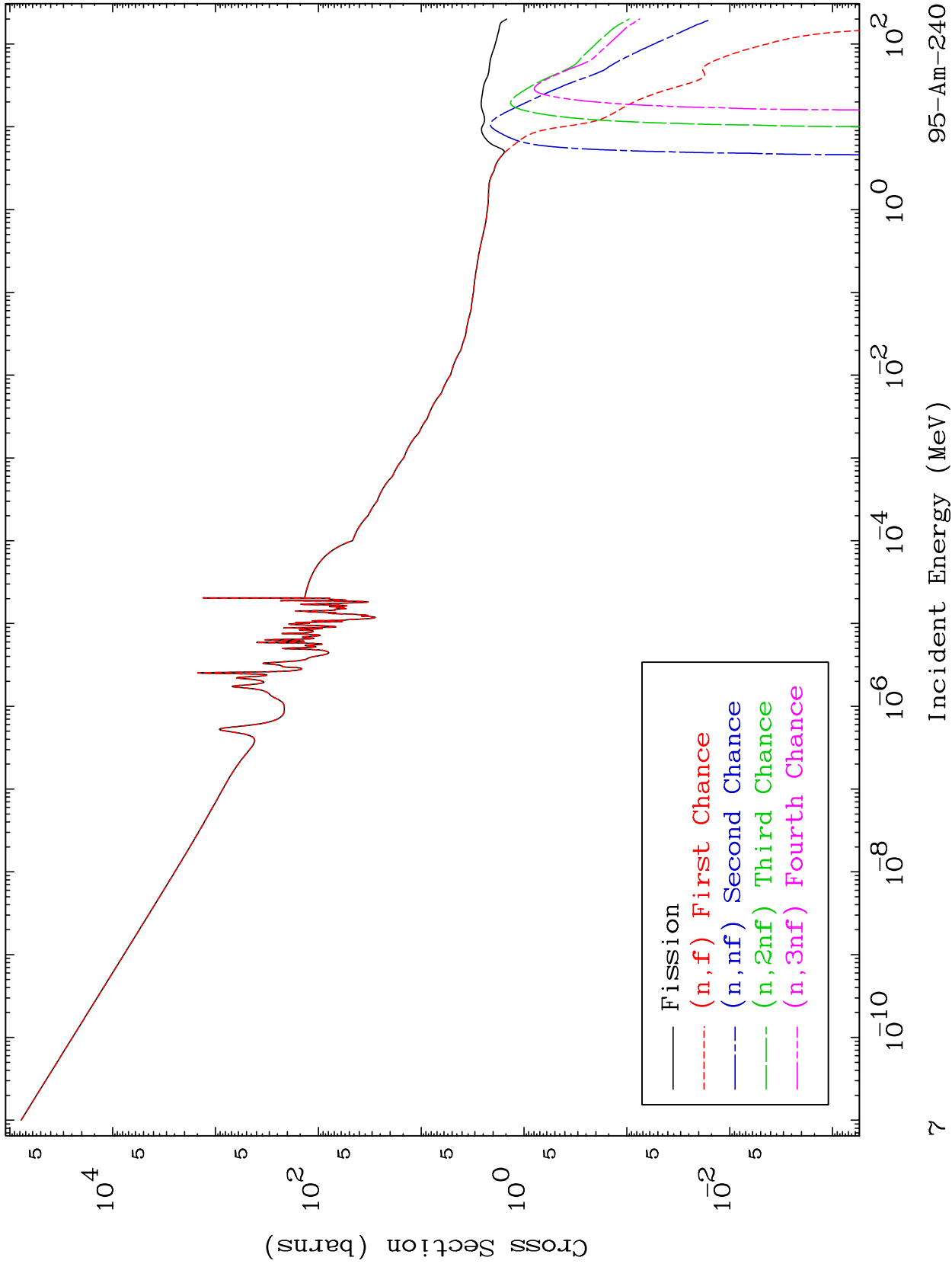
95-Am-240



MAT 9540

Fission
293 Kelvin Cross Sections

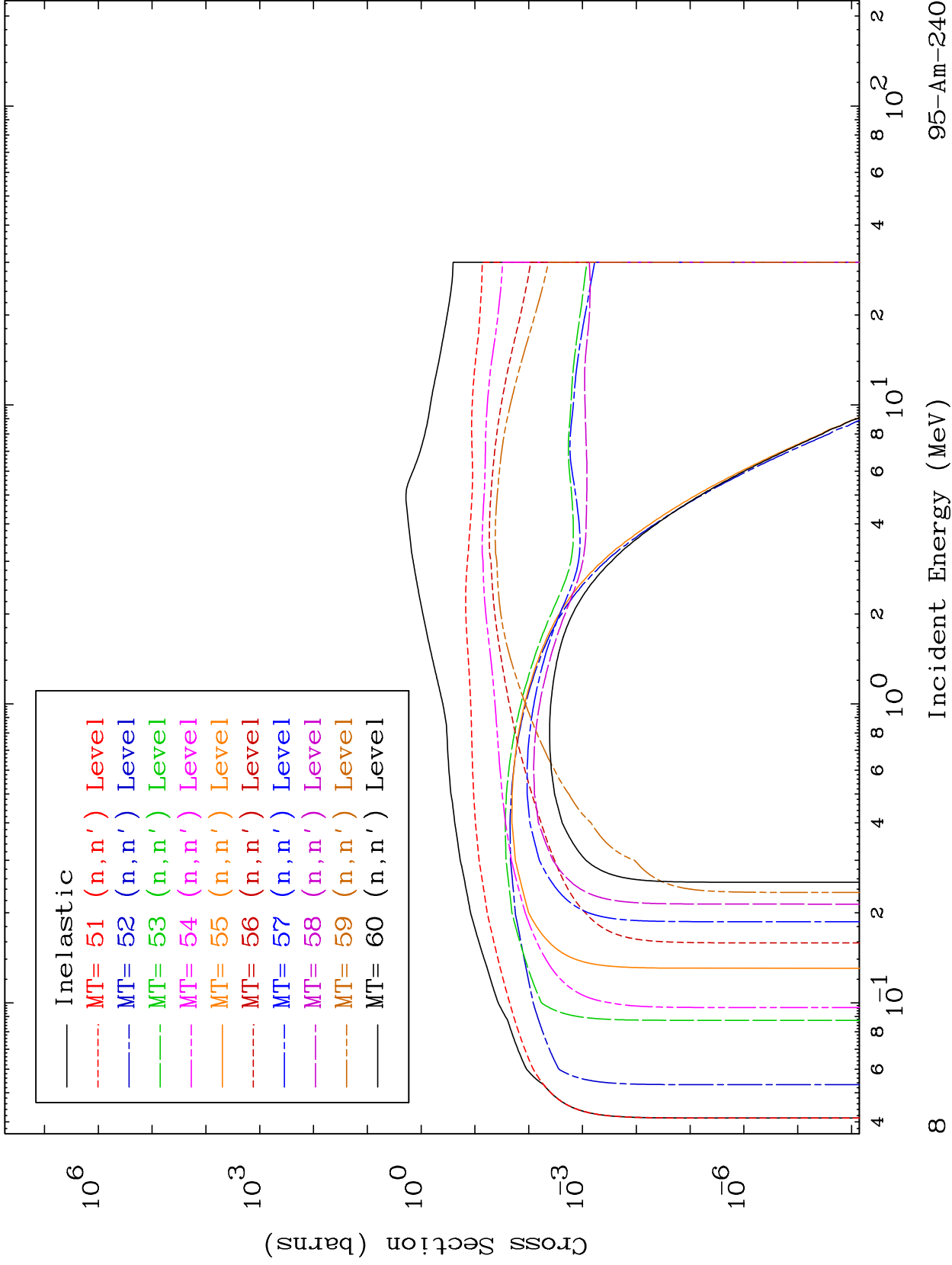
95-Am-240



MAT 9540

(n,n') Level
293 Kelvin Cross Sections

95-Am-240

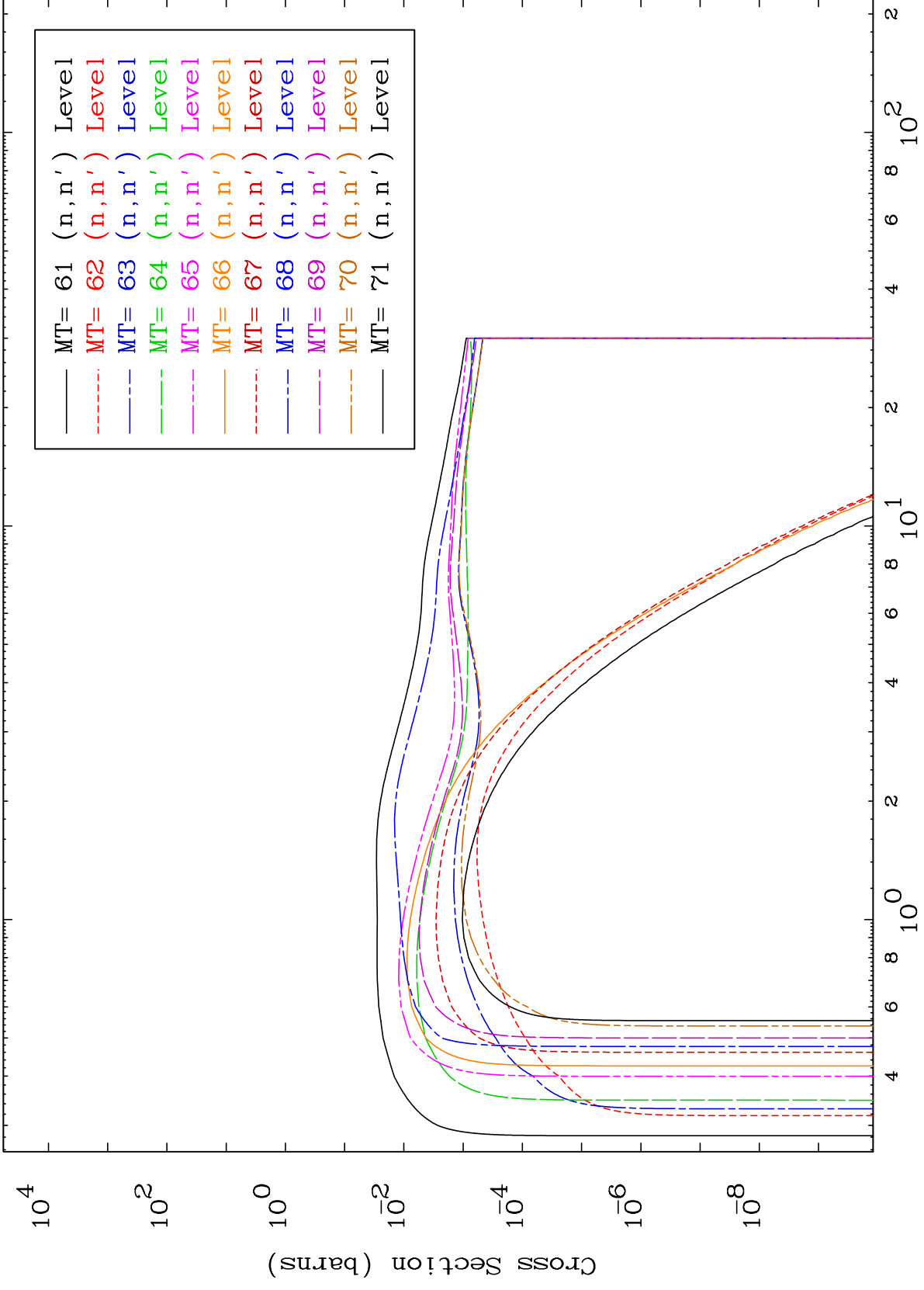


MAT 9540

(n,n') Level

95-Am-240

293 Kelvin Cross Sections

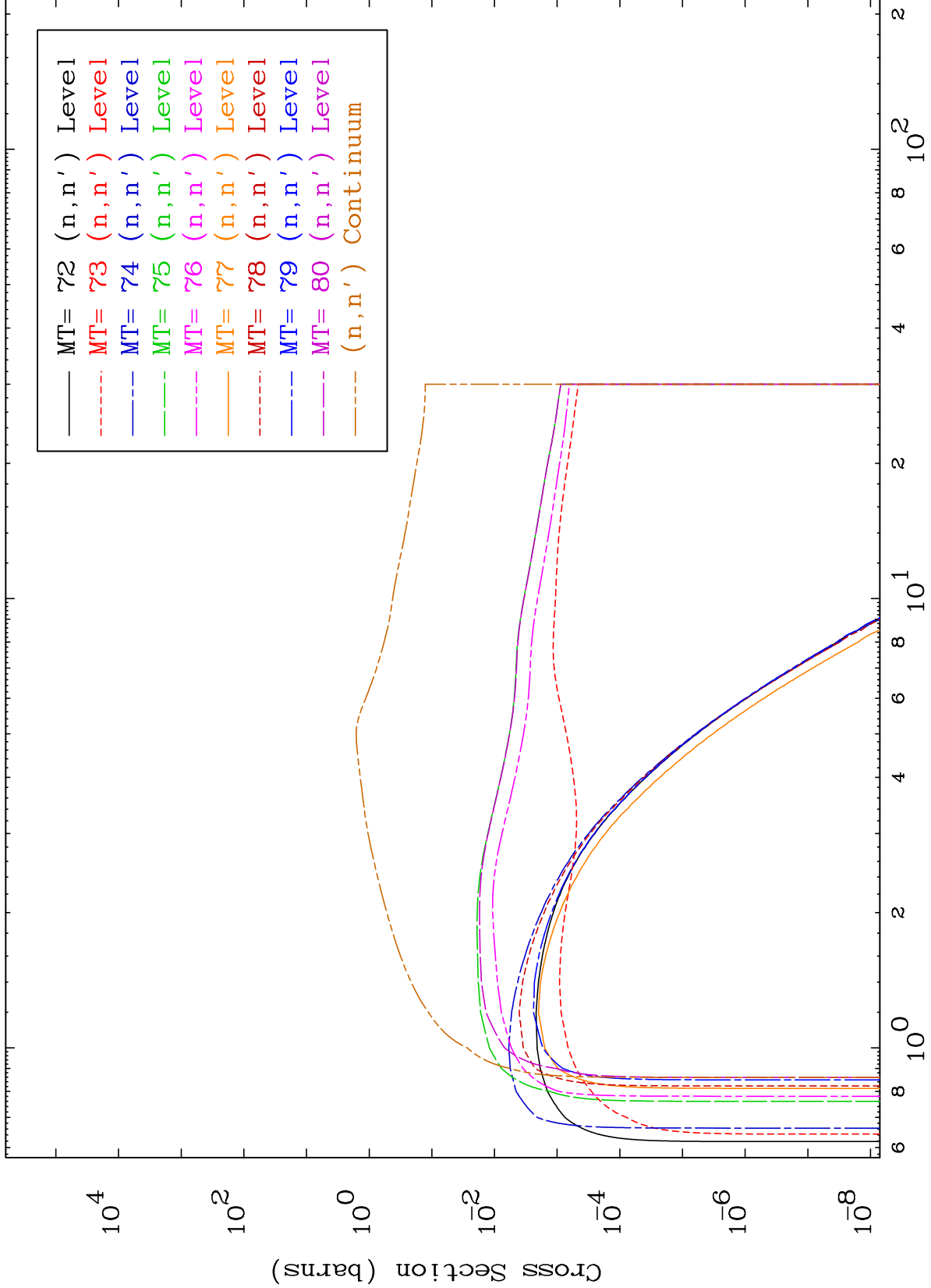


MAT 9540

(n,n') Level

95-Am-240

293 Kelvin Cross Sections



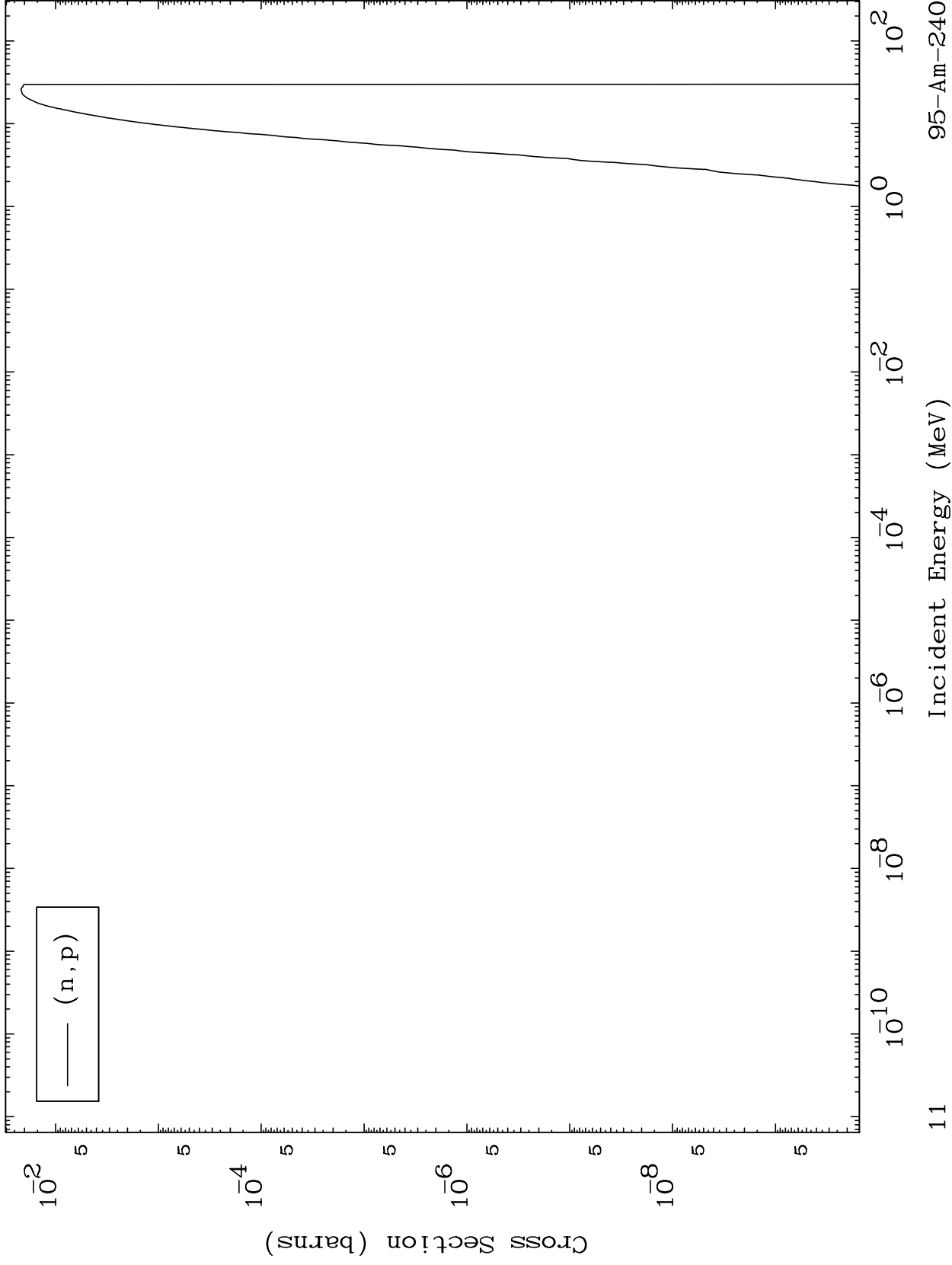
Incident Energy (MeV)

95-Am-240

MAT 9540

(n,p) Levels
293 Kelvin Cross Sections

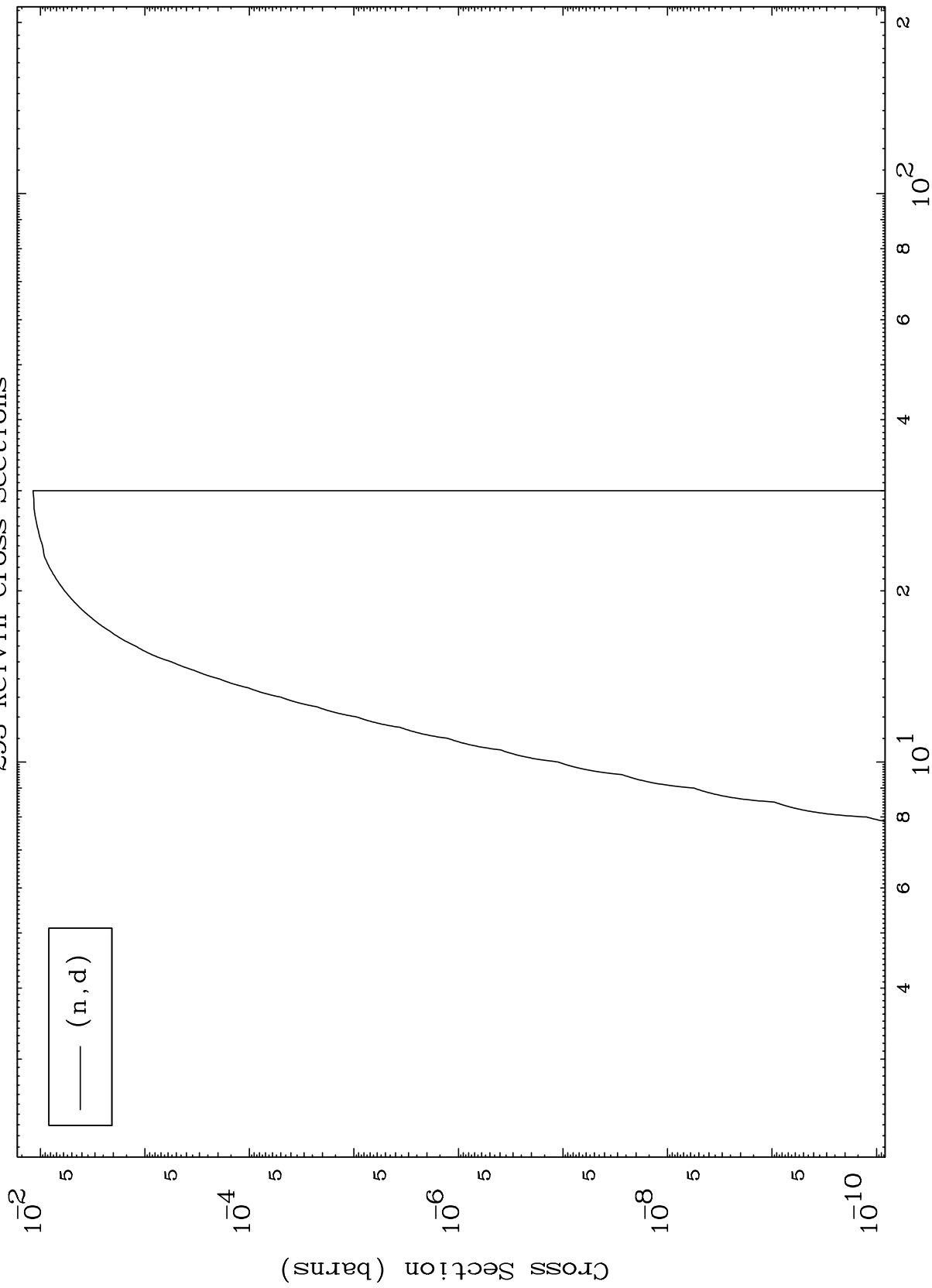
95-Am-240



MAT 9540

95-Am-240

(n,d) Levels
293 Kelvin Cross Sections



12

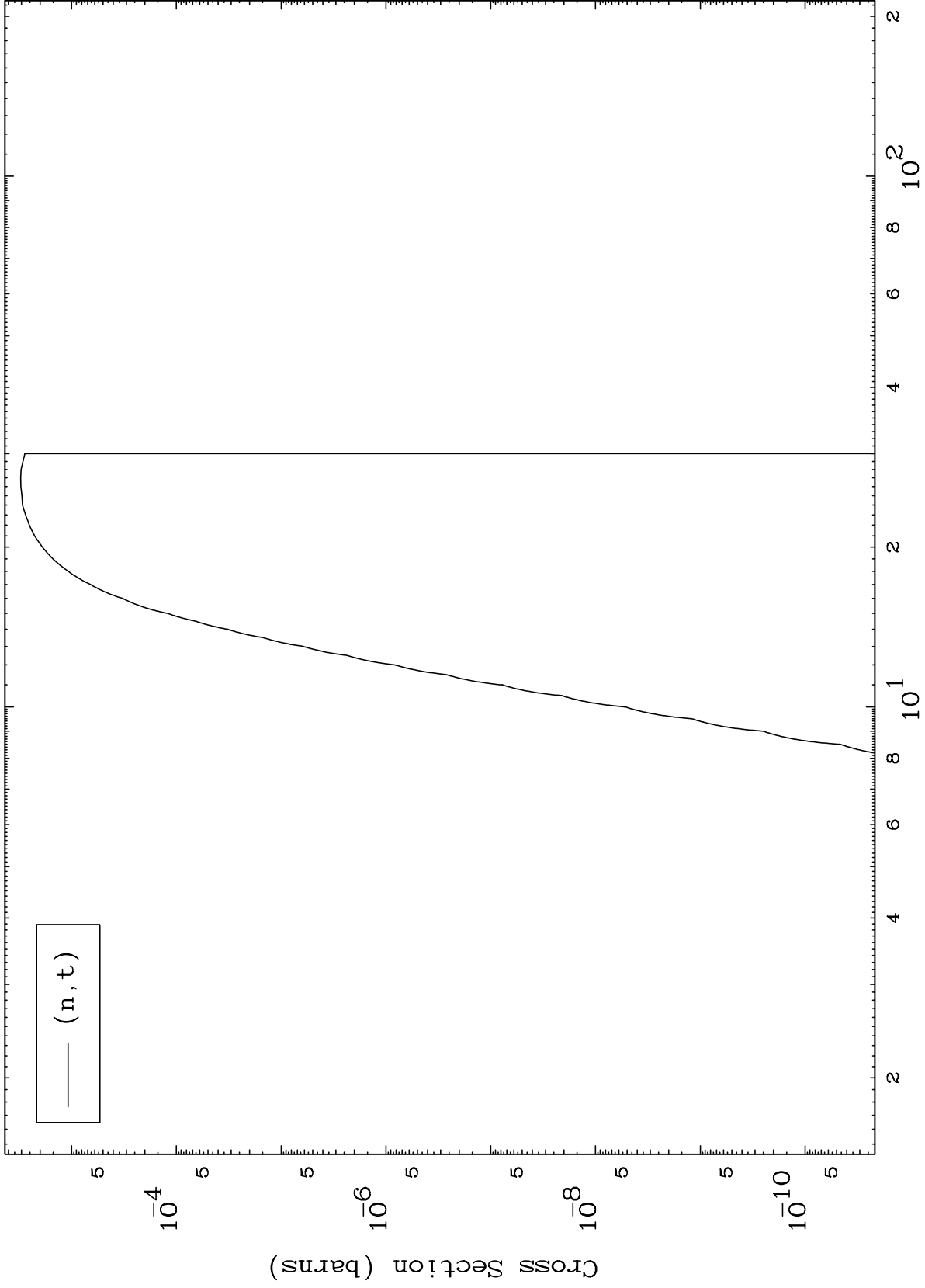
95-Am-240

Incident Energy (MeV)

MAT 9540

(n,t) Levels
293 Kelvin Cross Sections

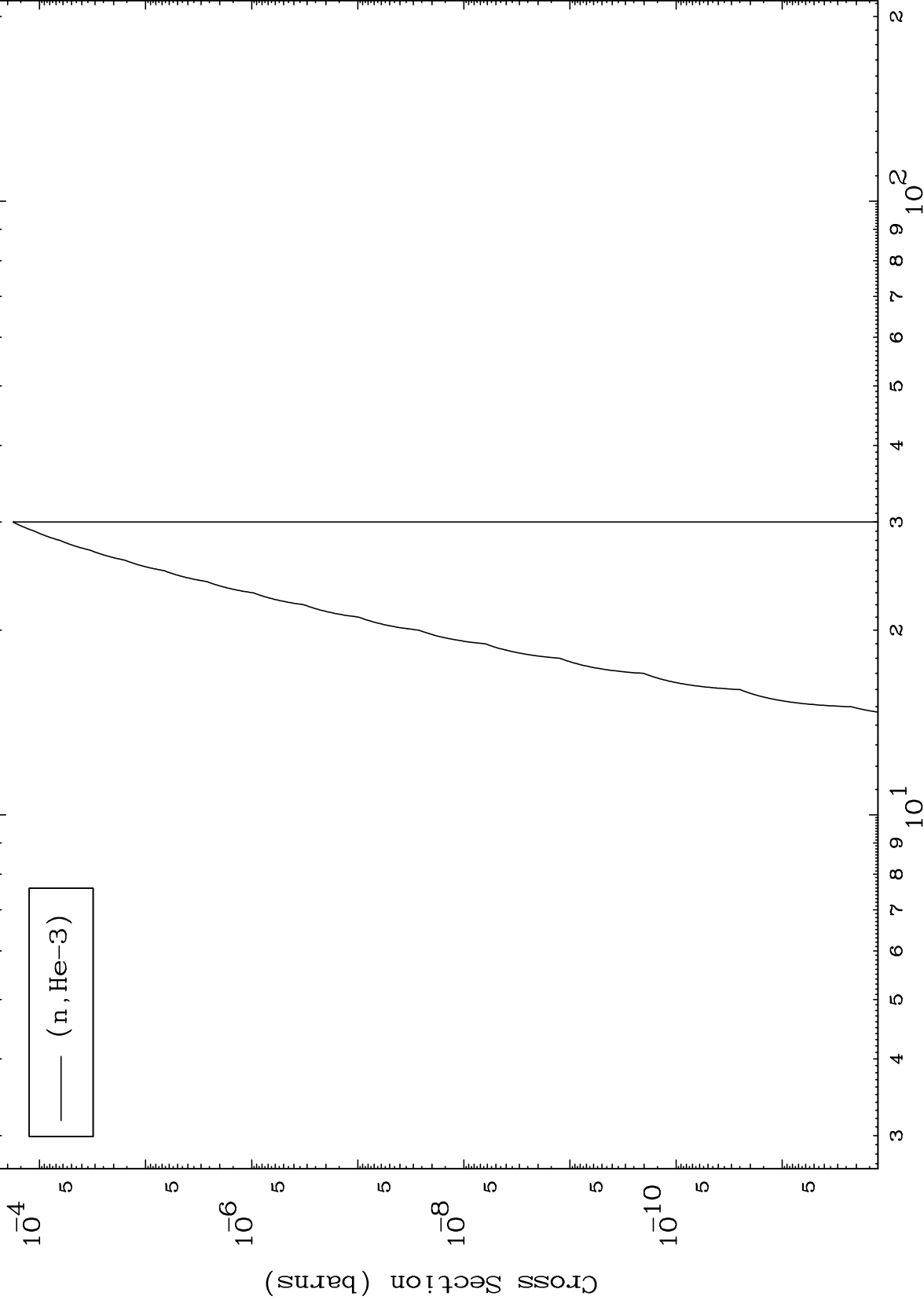
95-Am-240



MAT 9540

(n,He3) Levels
293 Kelvin Cross Sections

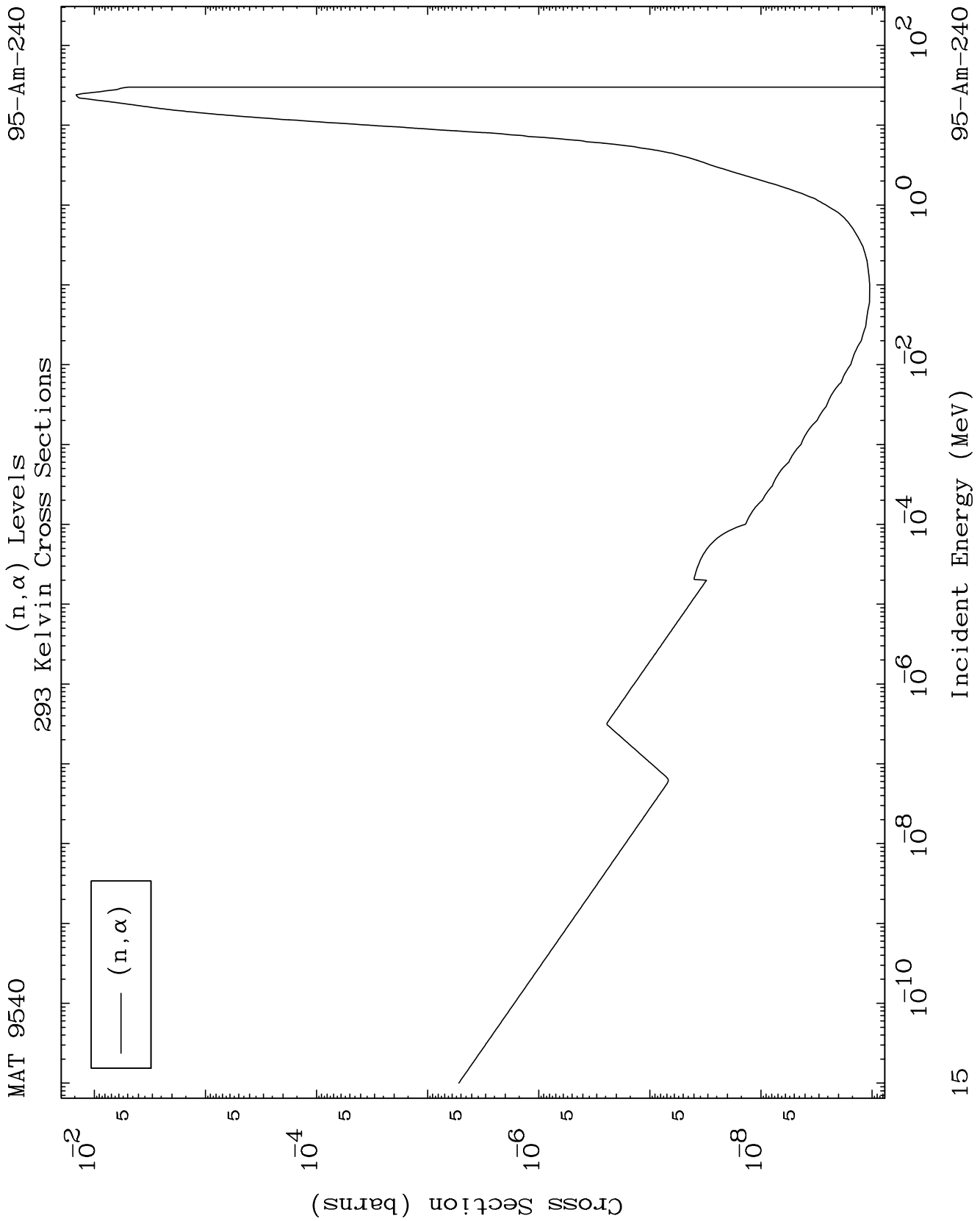
95-Am-240

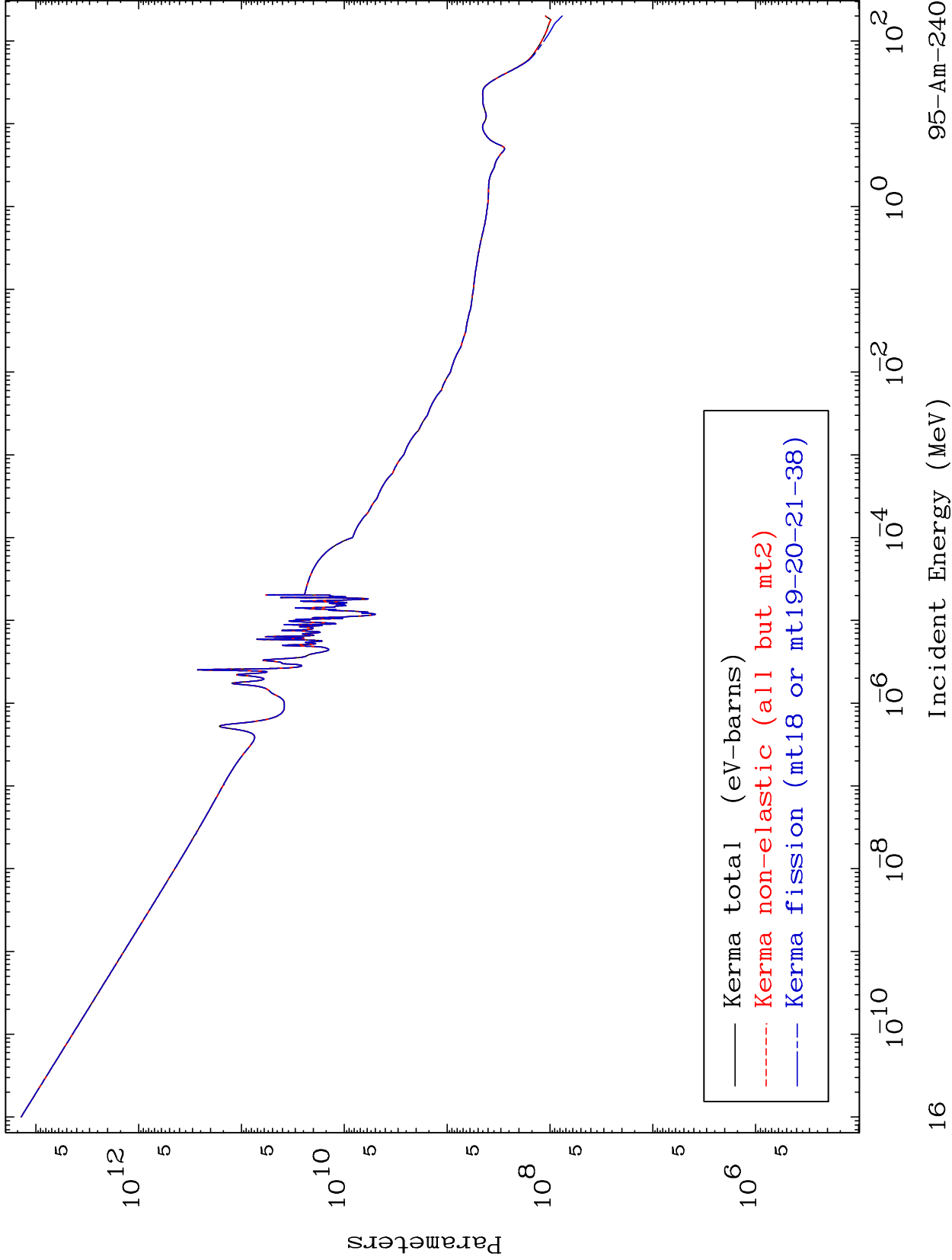


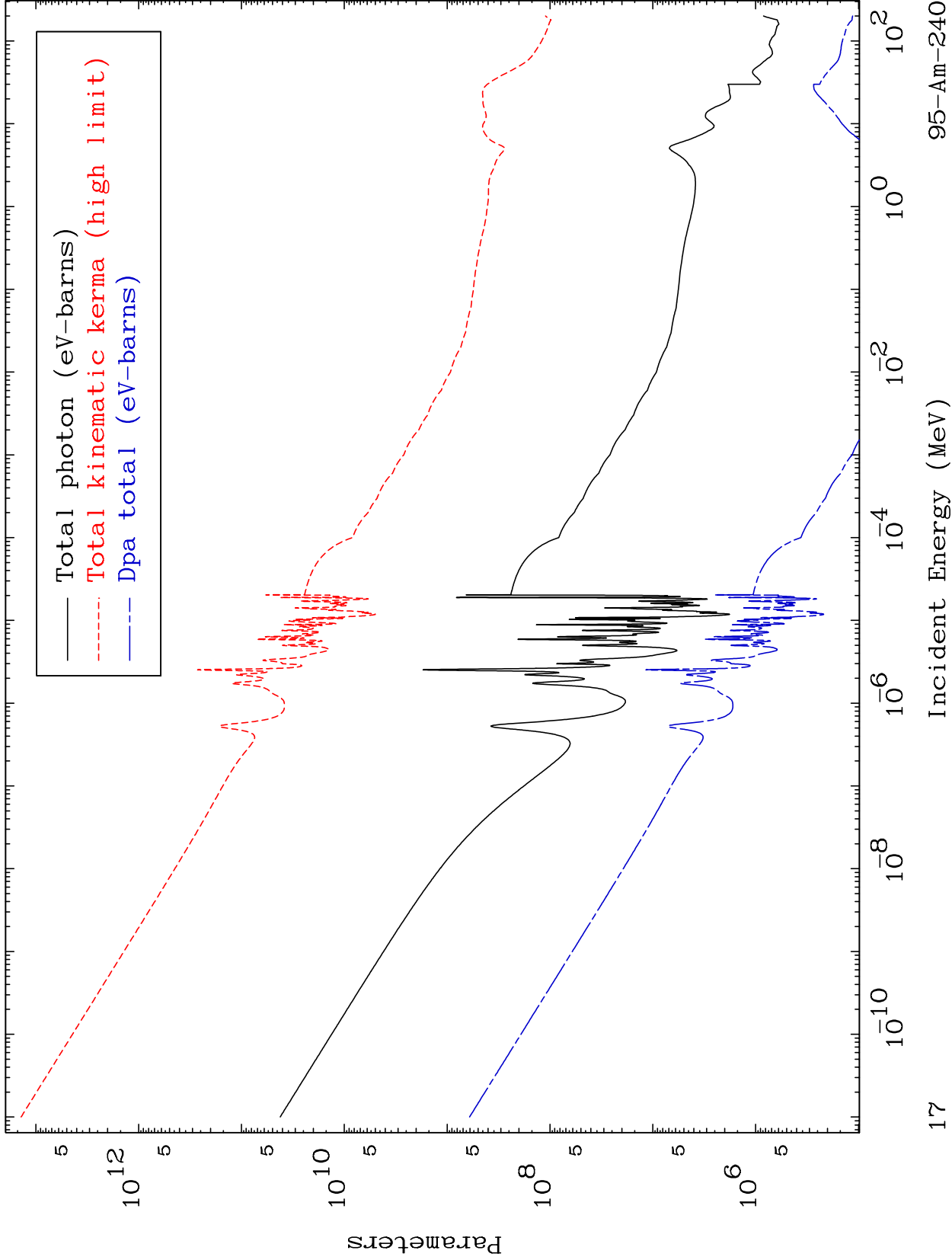
14

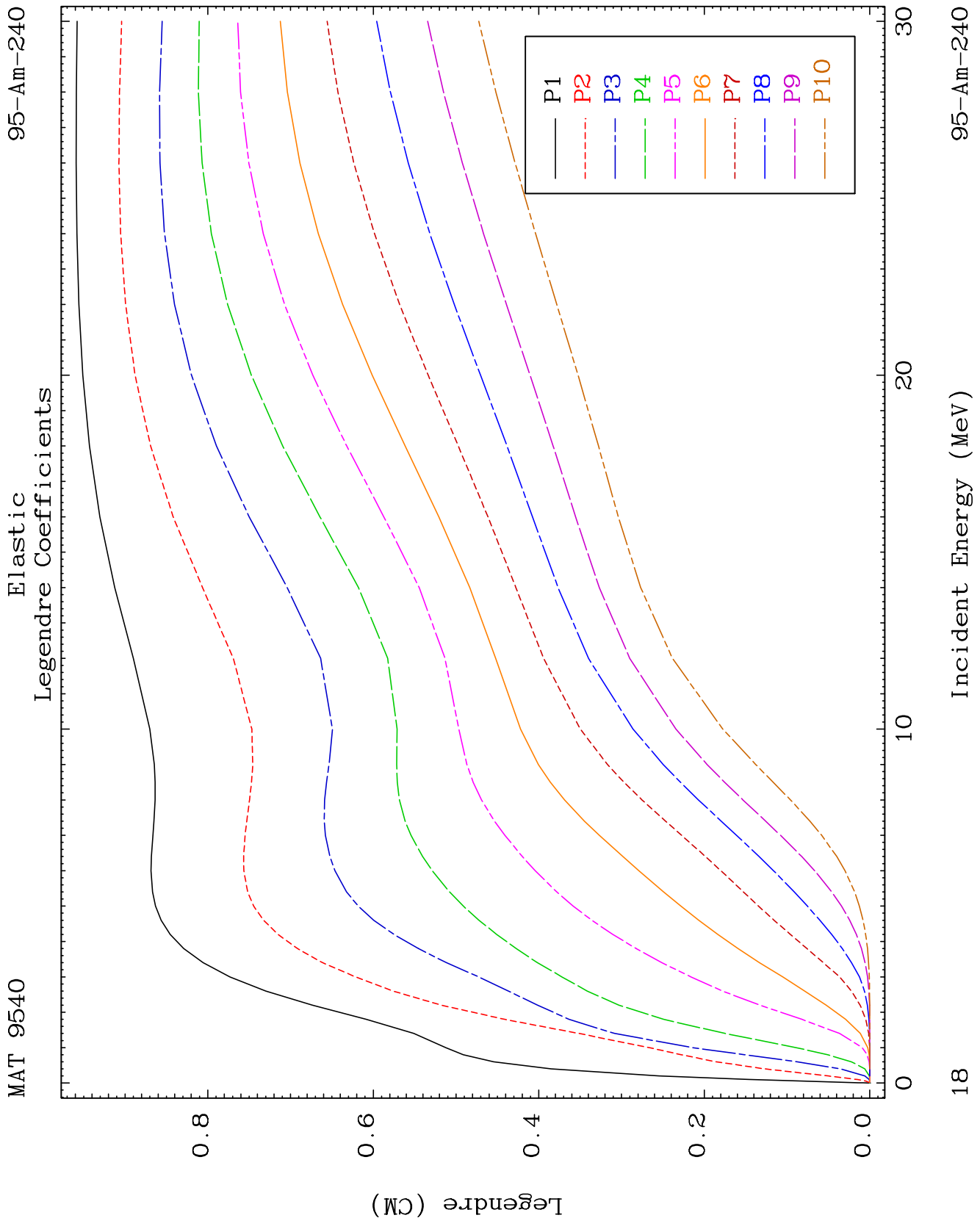
Incident Energy (MeV)

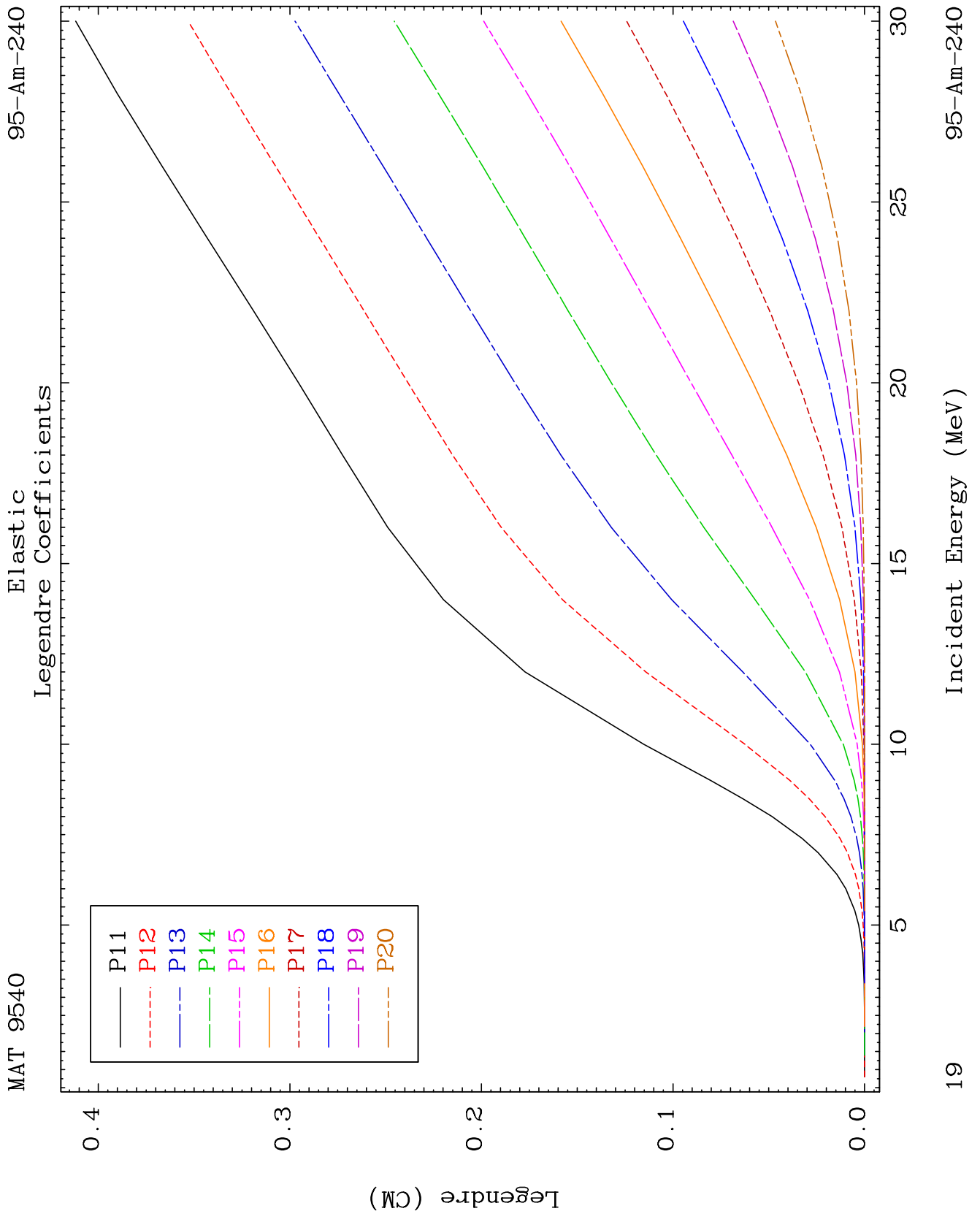
95-Am-240











MAT 9540

Elastic Legendre Coefficients

95-Am-240

19

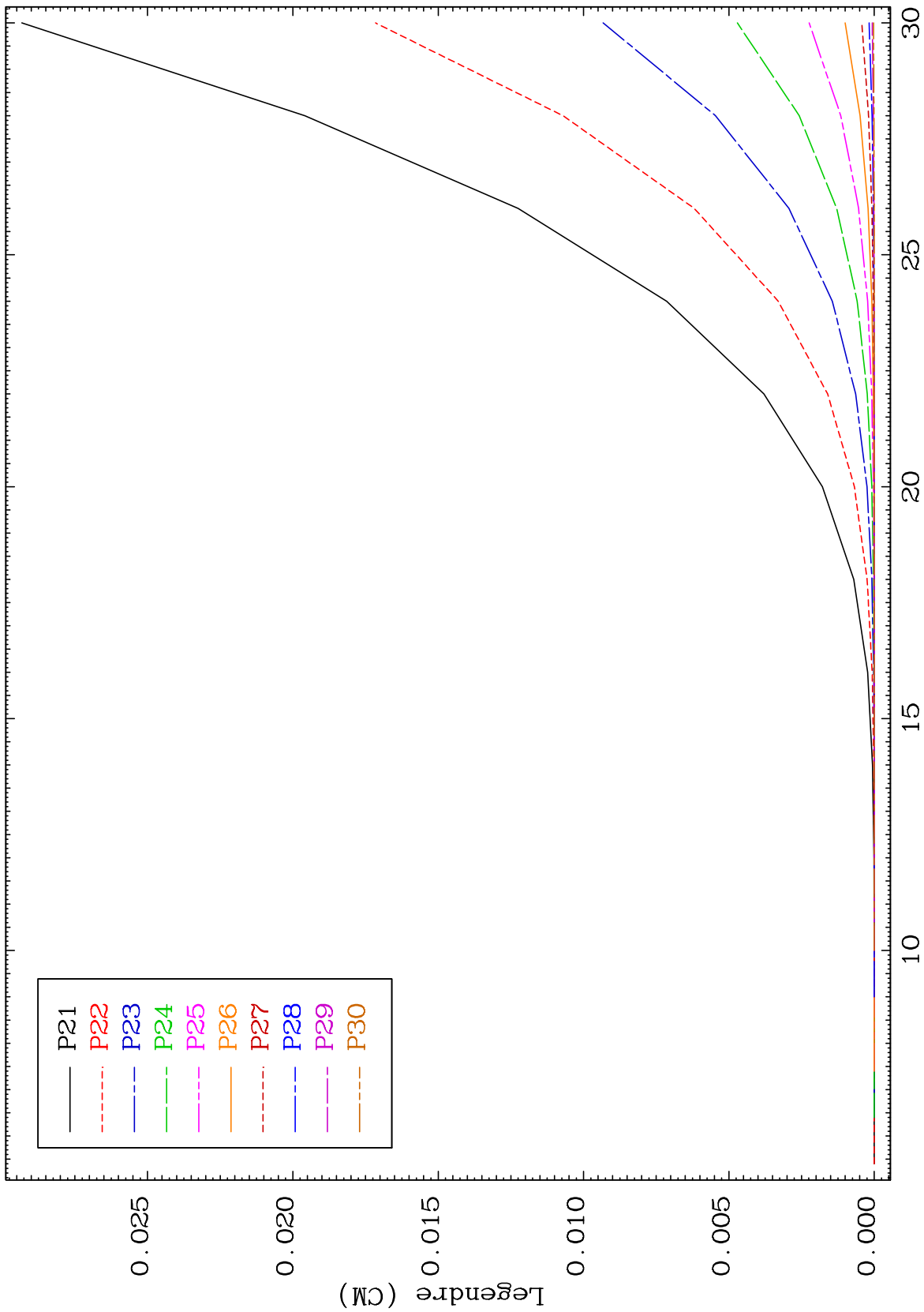
Incident Energy (MeV)

95-Am-240

MAT 9540

Elastic Legendre Coefficients

95-Am-240



20

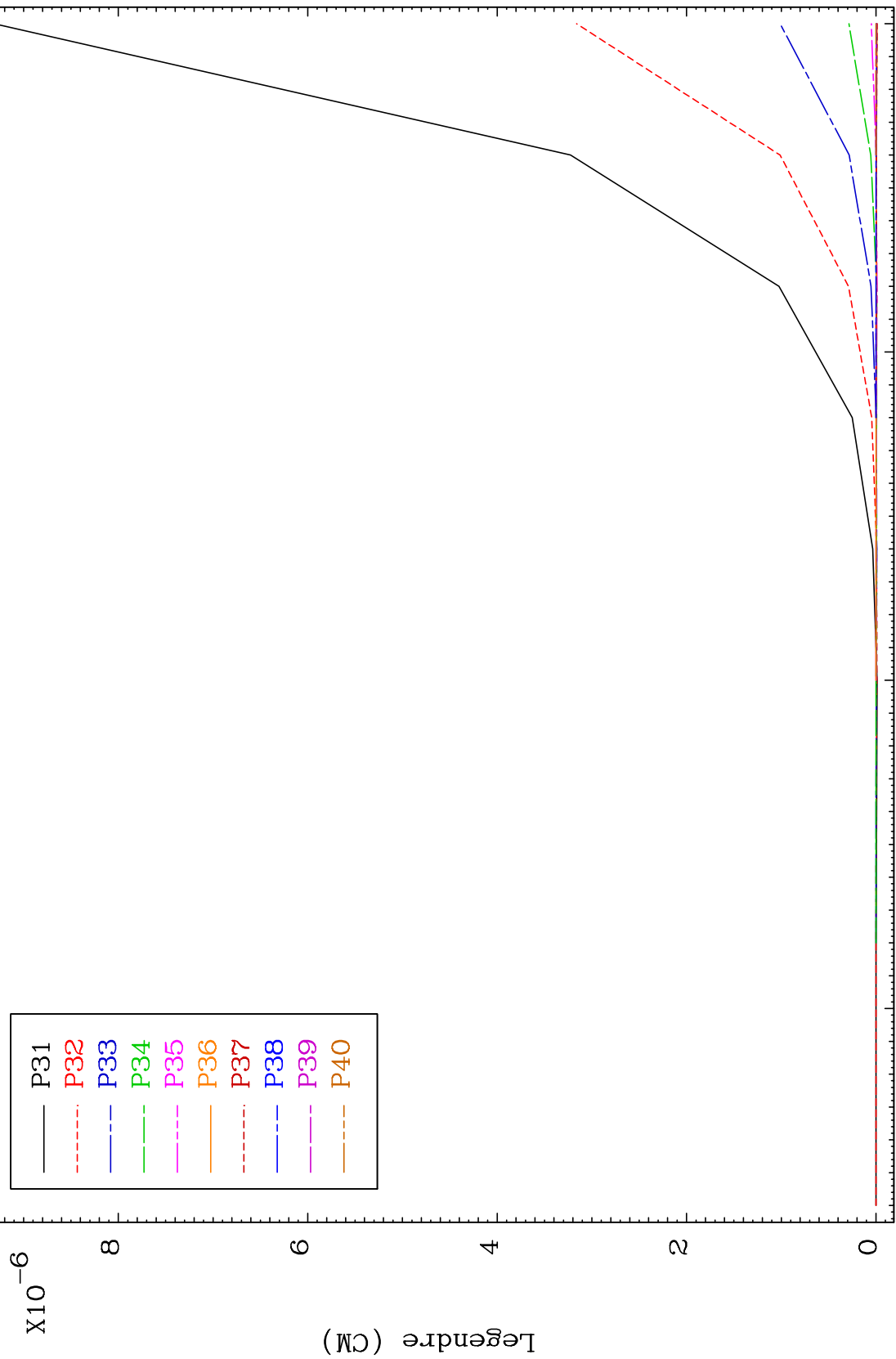
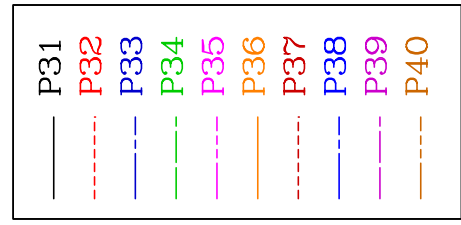
Incident Energy (MeV)

95-Am-240

MAT 9540

Elastic Legendre Coefficients

95-Am-240



21

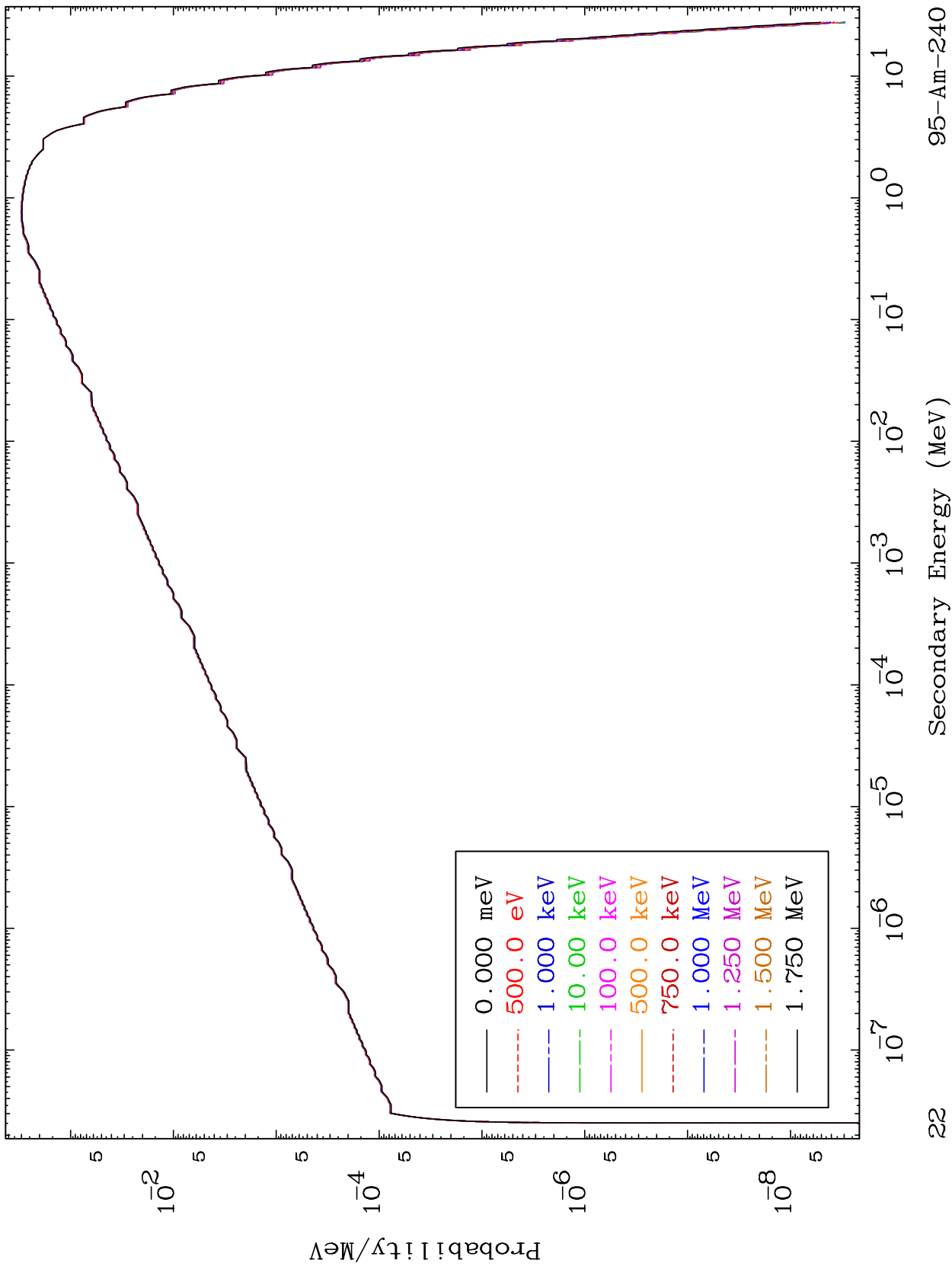
Incident Energy (MeV)

95-Am-240

MAT 9540

Fission Energy Distribution

95-Am-240



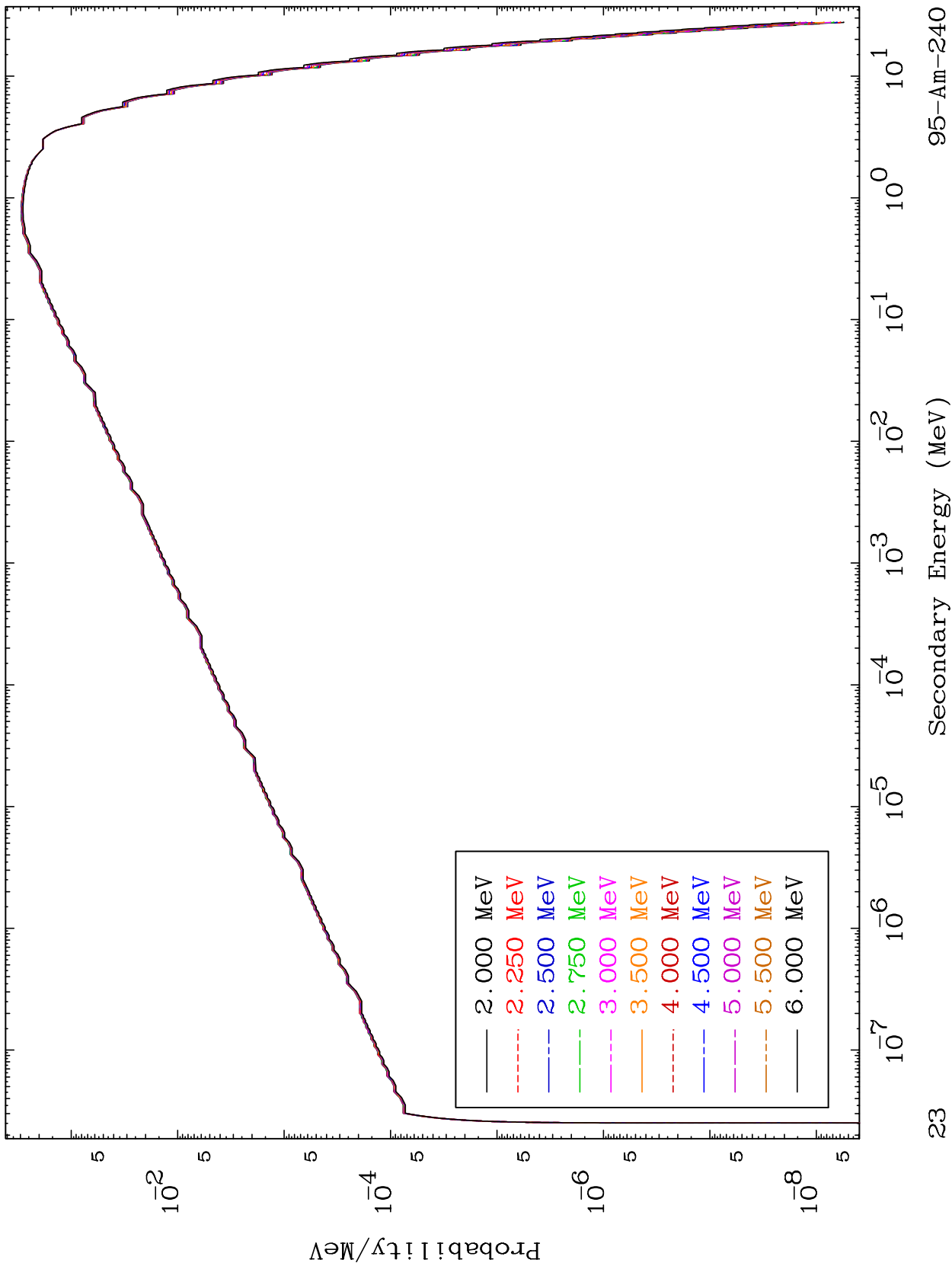
95-Am-240

Secondary Energy (MeV)

MAT 9540

Fission Energy Distribution

95-Am-240

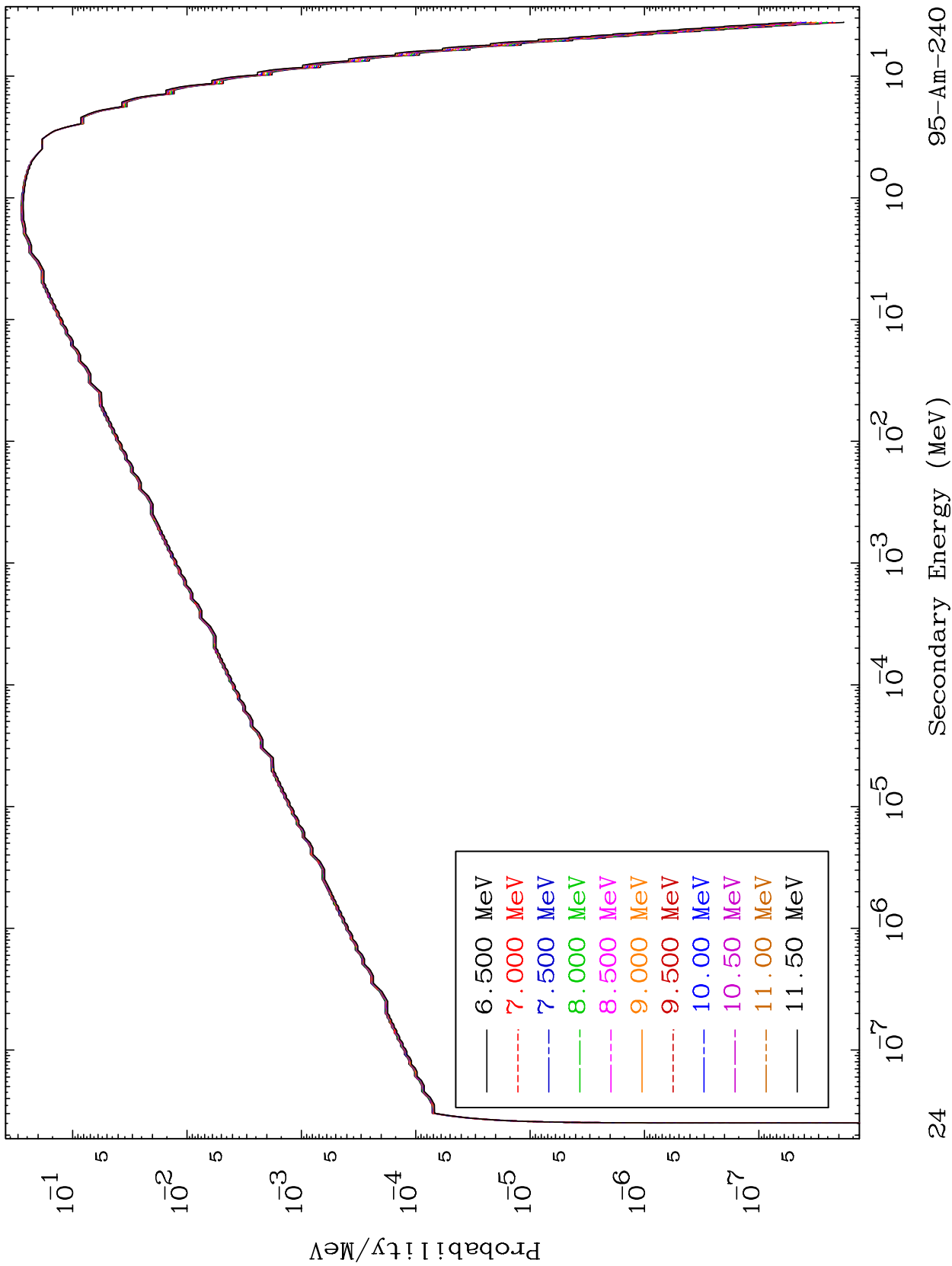


95-Am-240

MAT 9540

Fission Energy Distribution

95-Am-240

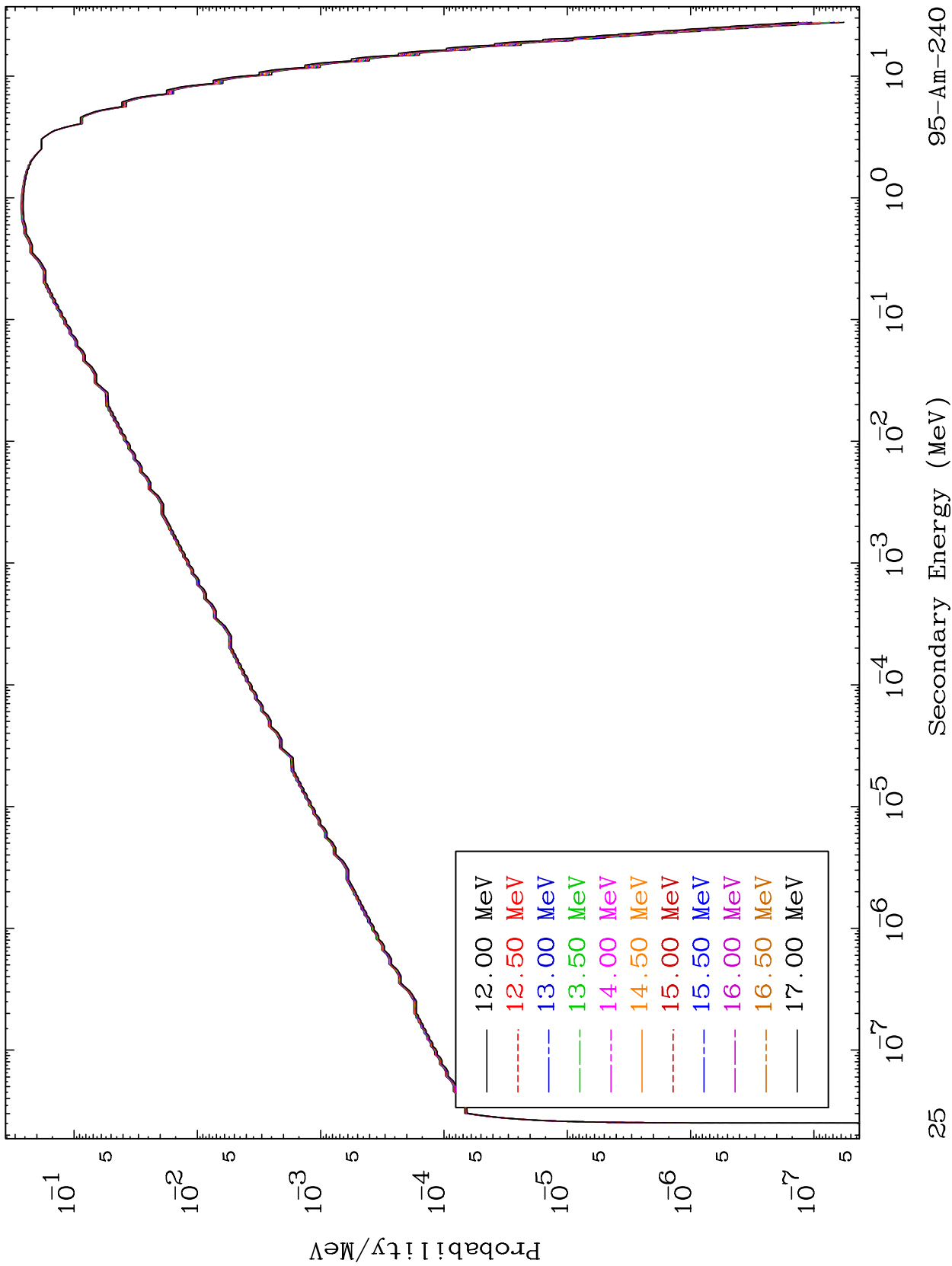


95-Am-240

MAT 9540

Fission Energy Distribution

95-Am-240



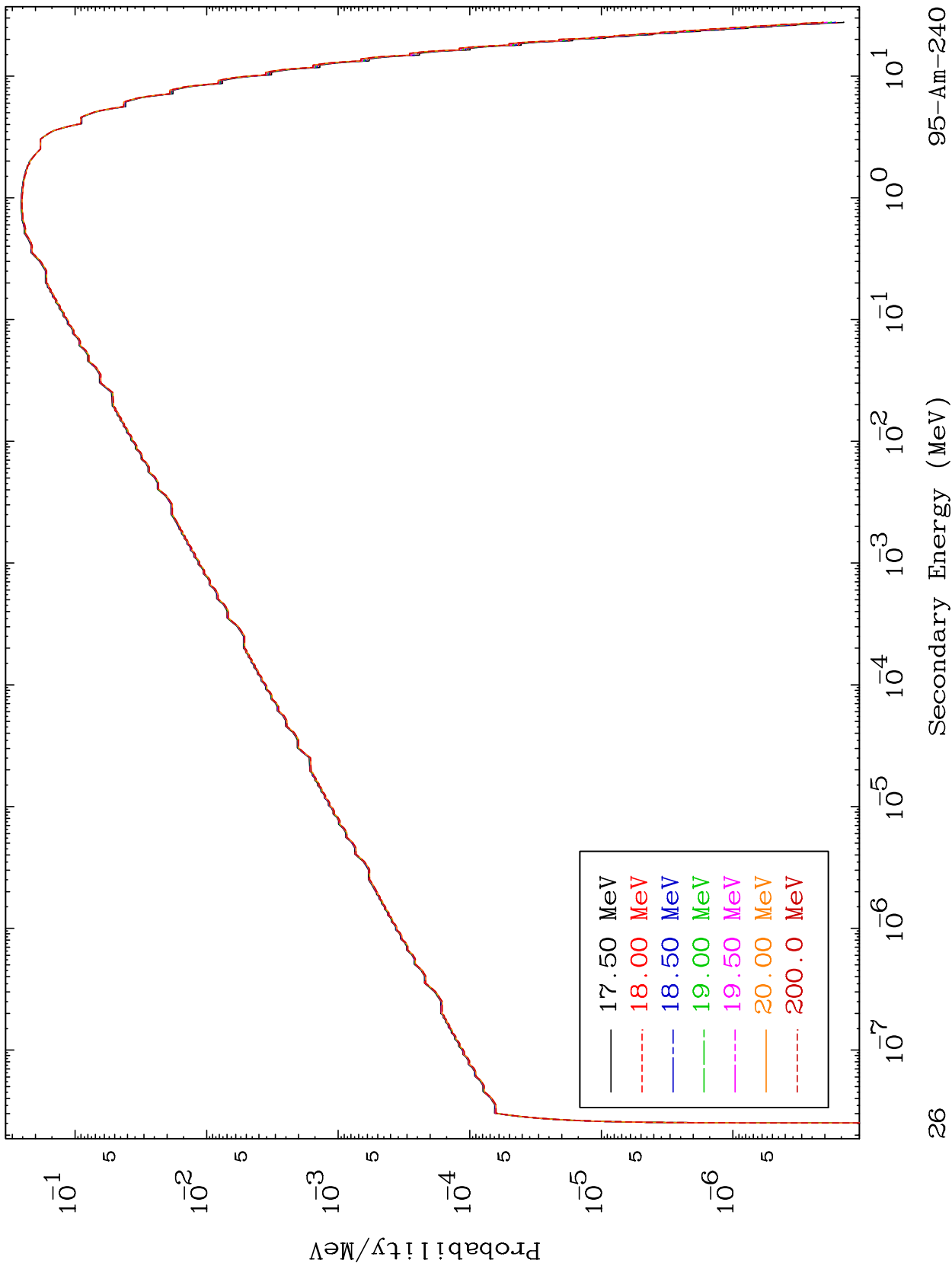
95-Am-240

Secondary Energy (MeV)

MAT 9540

Fission Energy Distribution

95-Am-240

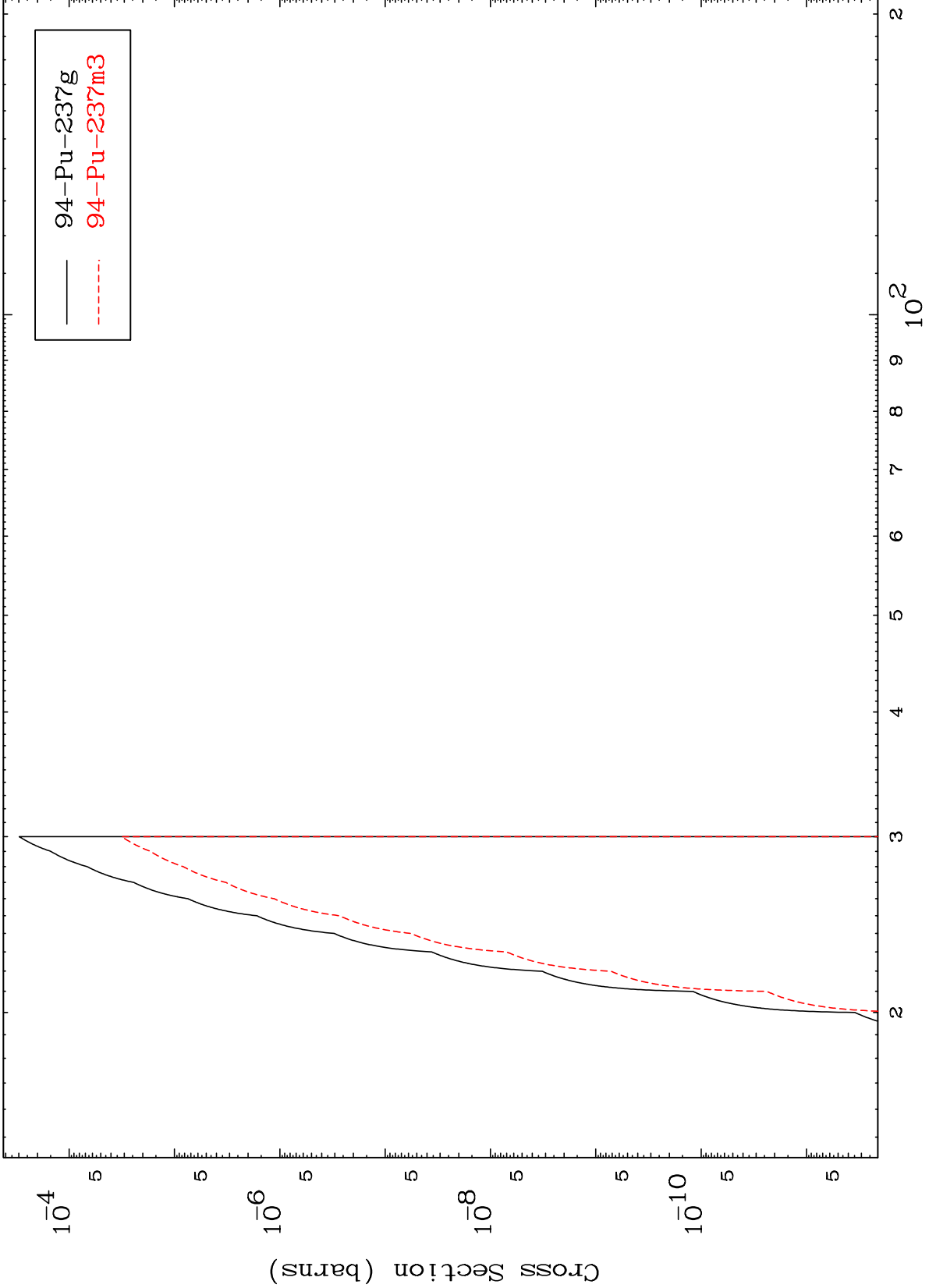


MAT 9540

(n,2n) d

95-Am-240

Radionuclide Production Cross Section



10⁻⁴

5

5

10⁻⁶

5

5

10⁻⁸

5

5

10⁻¹⁰

5

5

94-Pu-237g

94-Pu-237m3

27

Incident Energy (MeV)

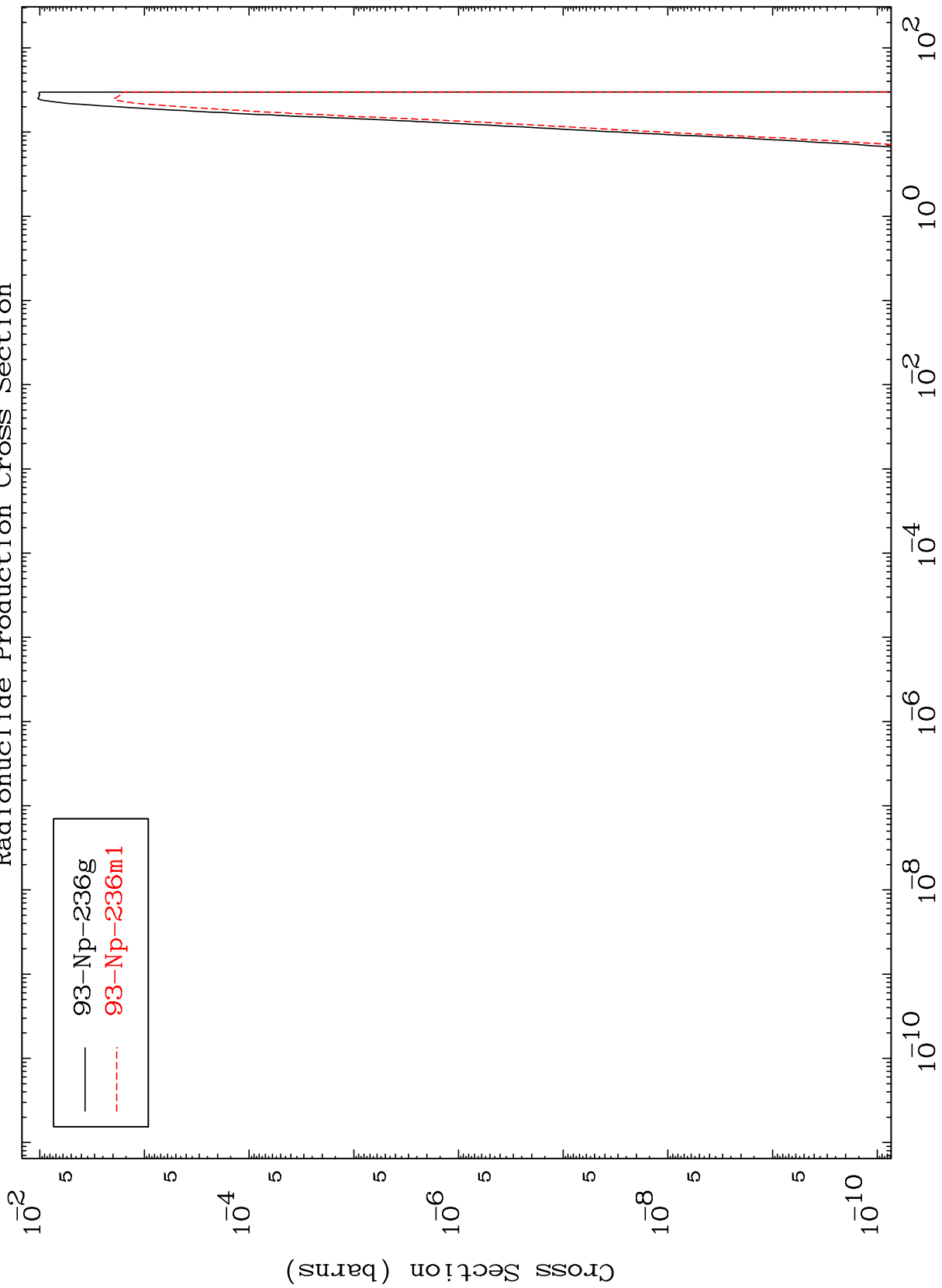
95-Am-240

MAT 9540

(n,n') α

95-Am-240

Radionuclide Production Cross Section

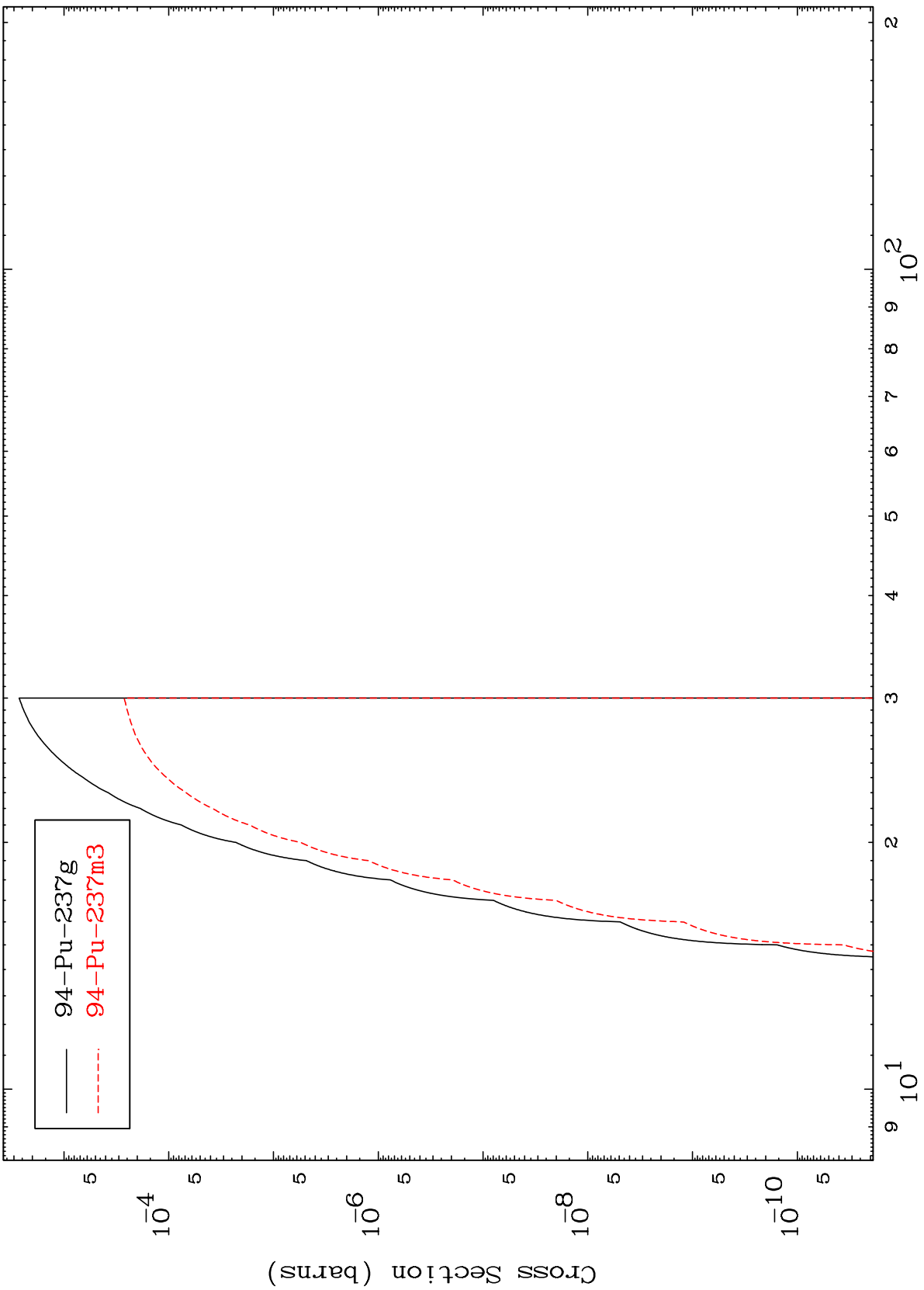


MAT 9540

(n,n') t

95-Am-240

Radionuclide Production Cross Section



94-Pu-237g
94-Pu-237m3

29

Incident Energy (MeV)

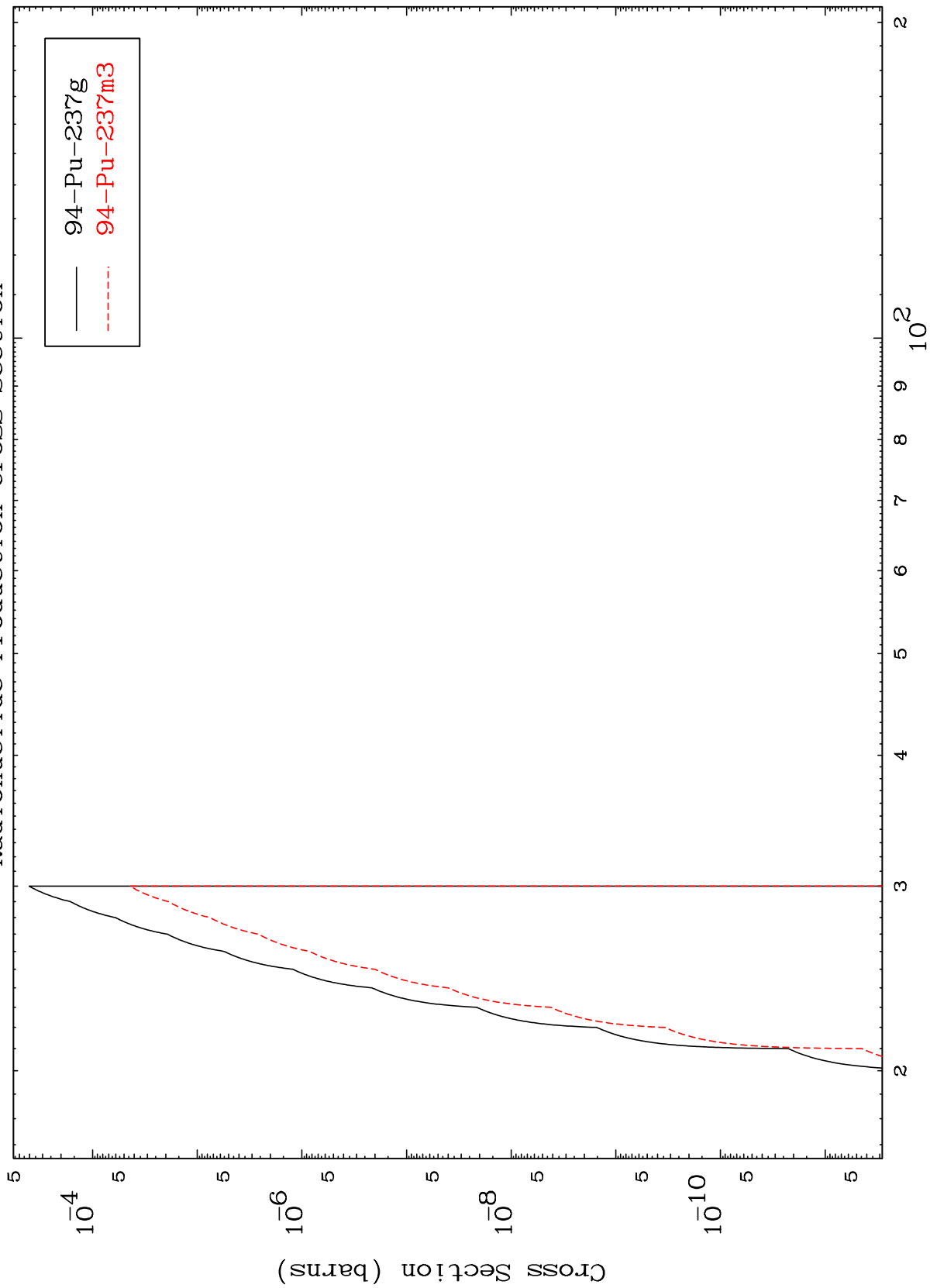
95-Am-240

MAT 9540

(n,3n) p

95-Am-240

Radionuclide Production Cross Section



30

Incident Energy (MeV)

95-Am-240

MAT 9540

(n,n') p α

95-Am-240

Radionuclide Production Cross Section

