

Program EVALPLOT  
(Version 2018-1)

by

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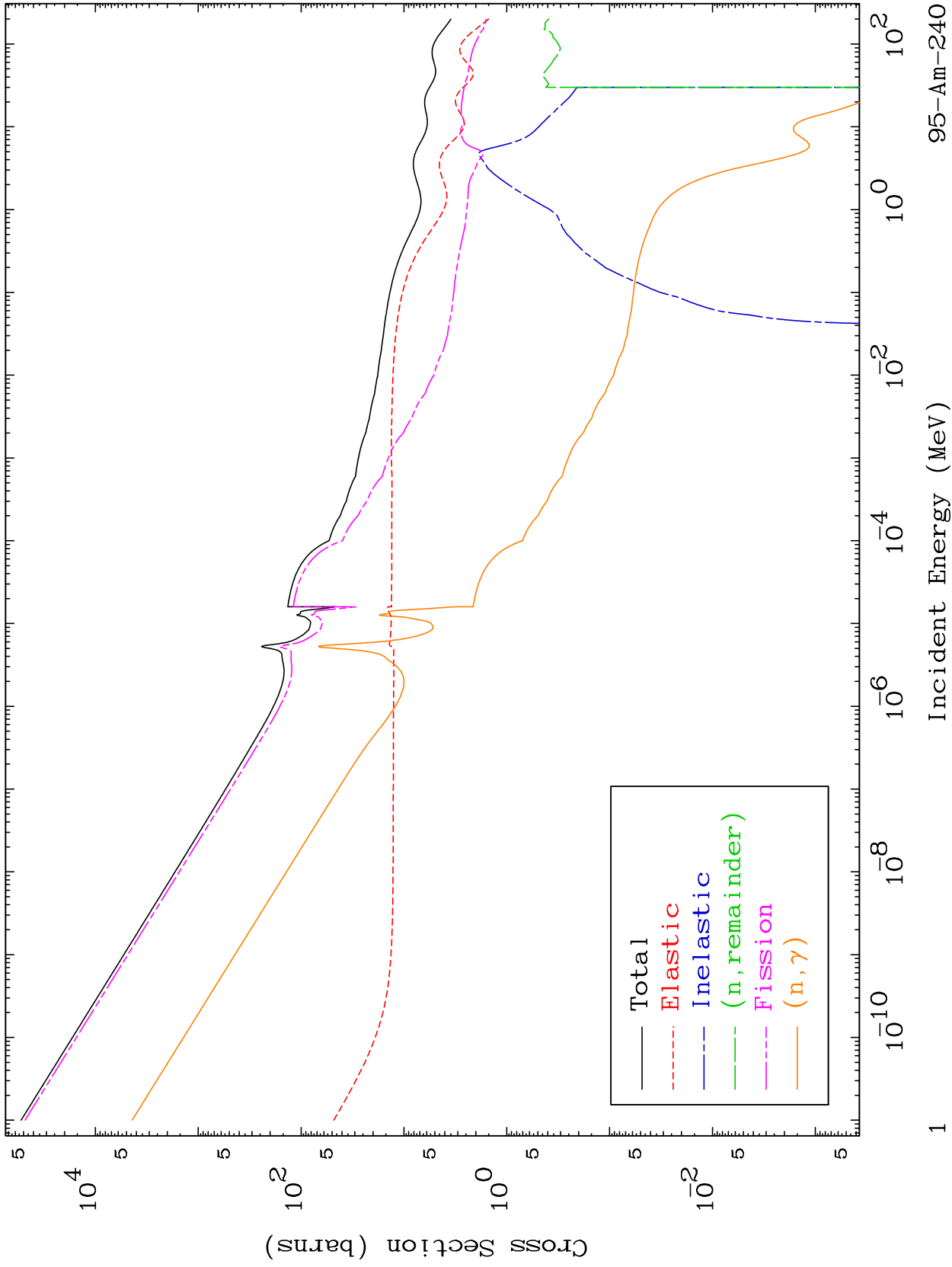
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9540

Major  
293 Kelvin Cross Sections

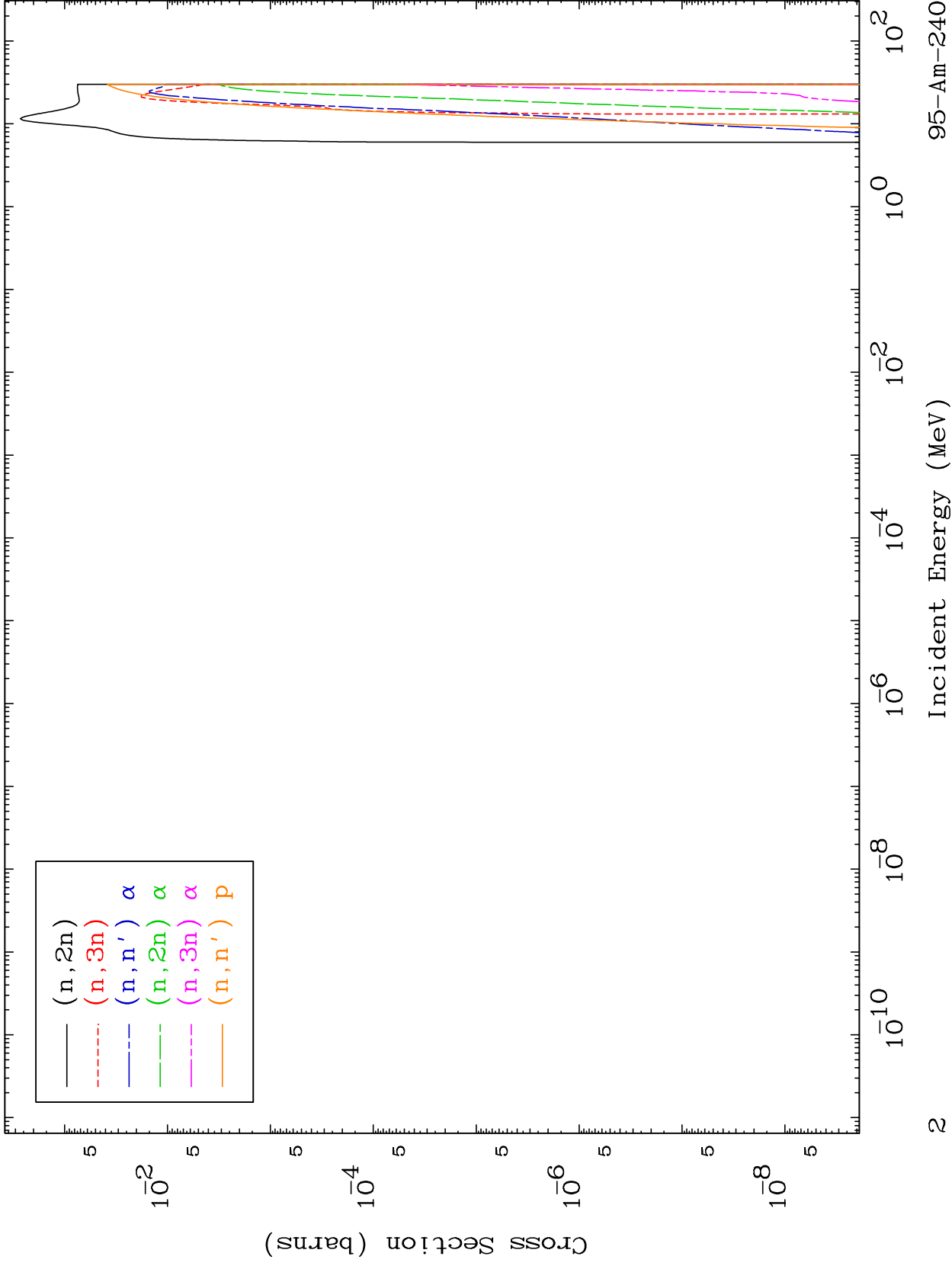
95-Am-240



MAT 9540

Neutron Production  
293 Kelvin Cross Sections

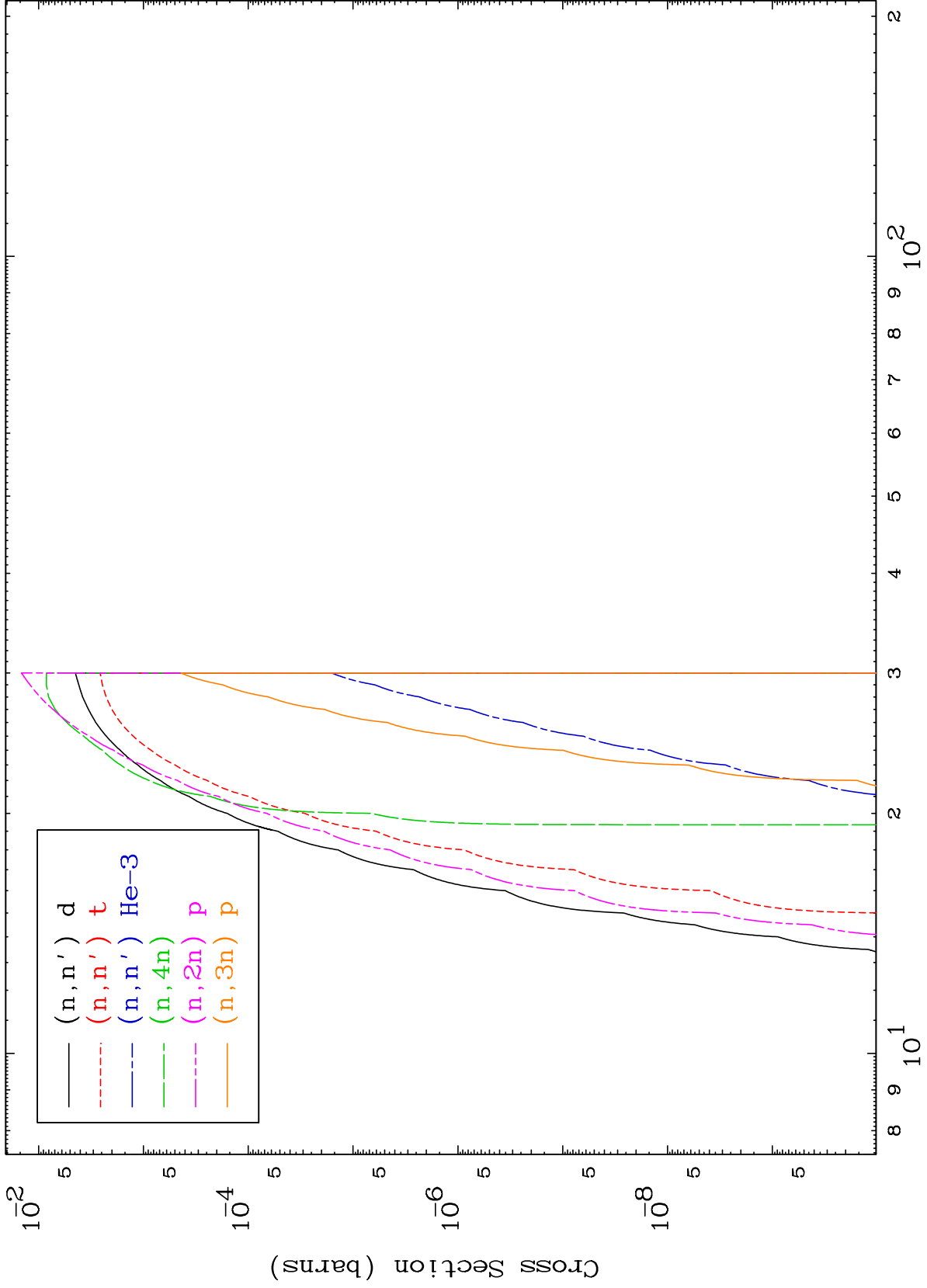
95-Am-240



MAT 9540

Neutron Production  
293 Kelvin Cross Sections

95-Am-240



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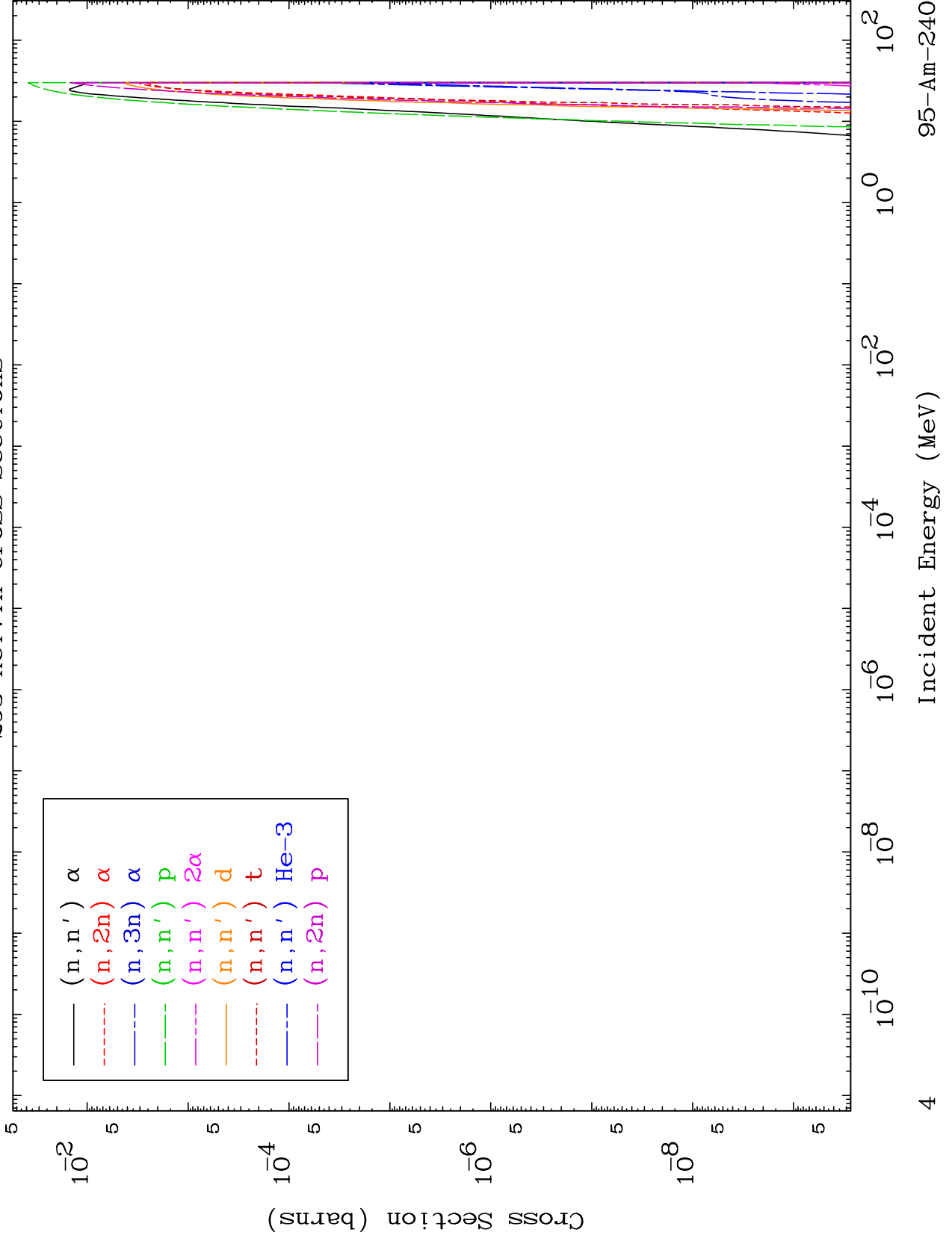
Incident Energy (MeV)

95-Am-240

MAT 9540

Charged Particle  
293 Kelvin Cross Sections

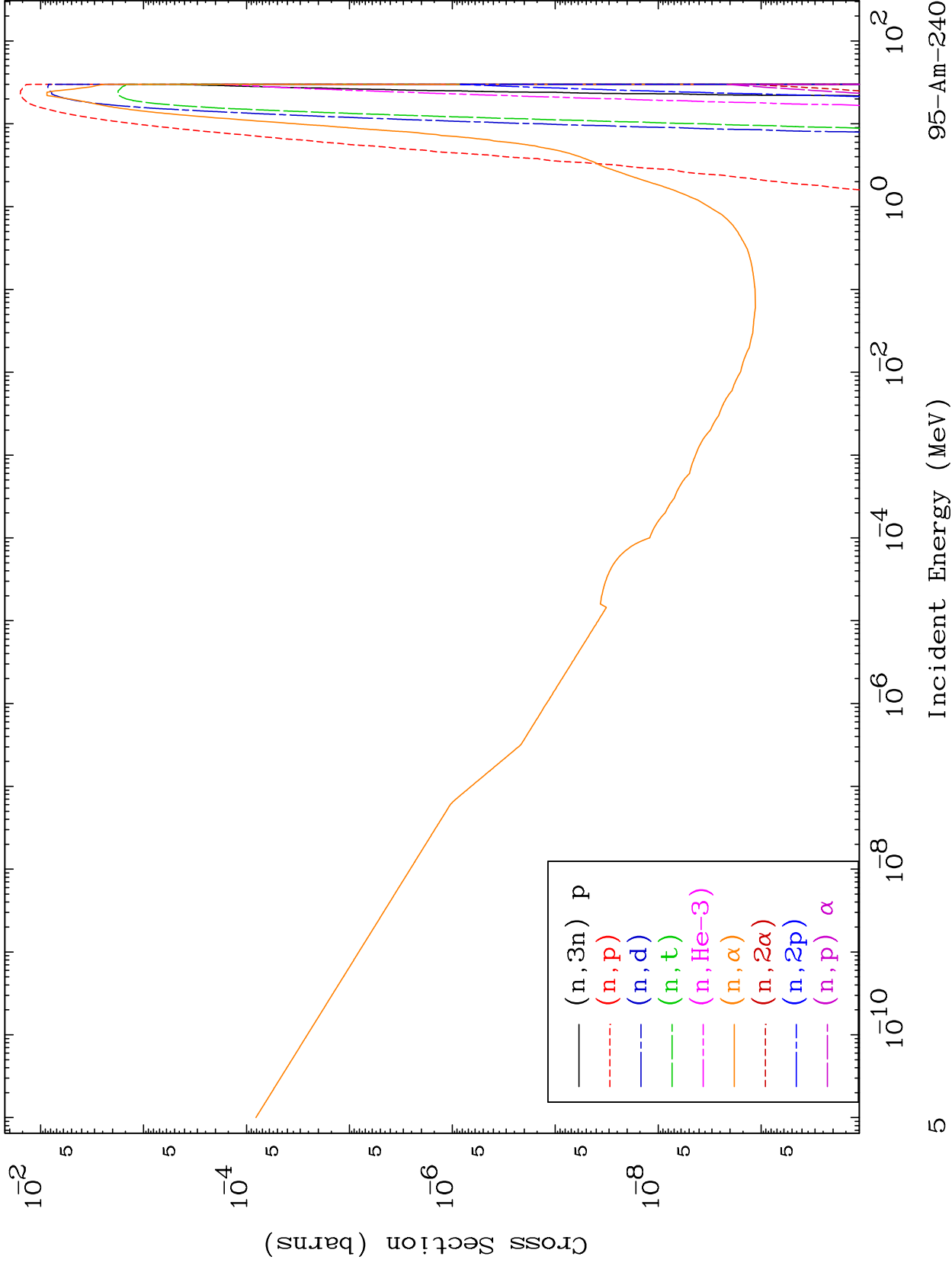
95-Am-240



MAT 9540

Charged Particle  
293 Kelvin Cross Sections

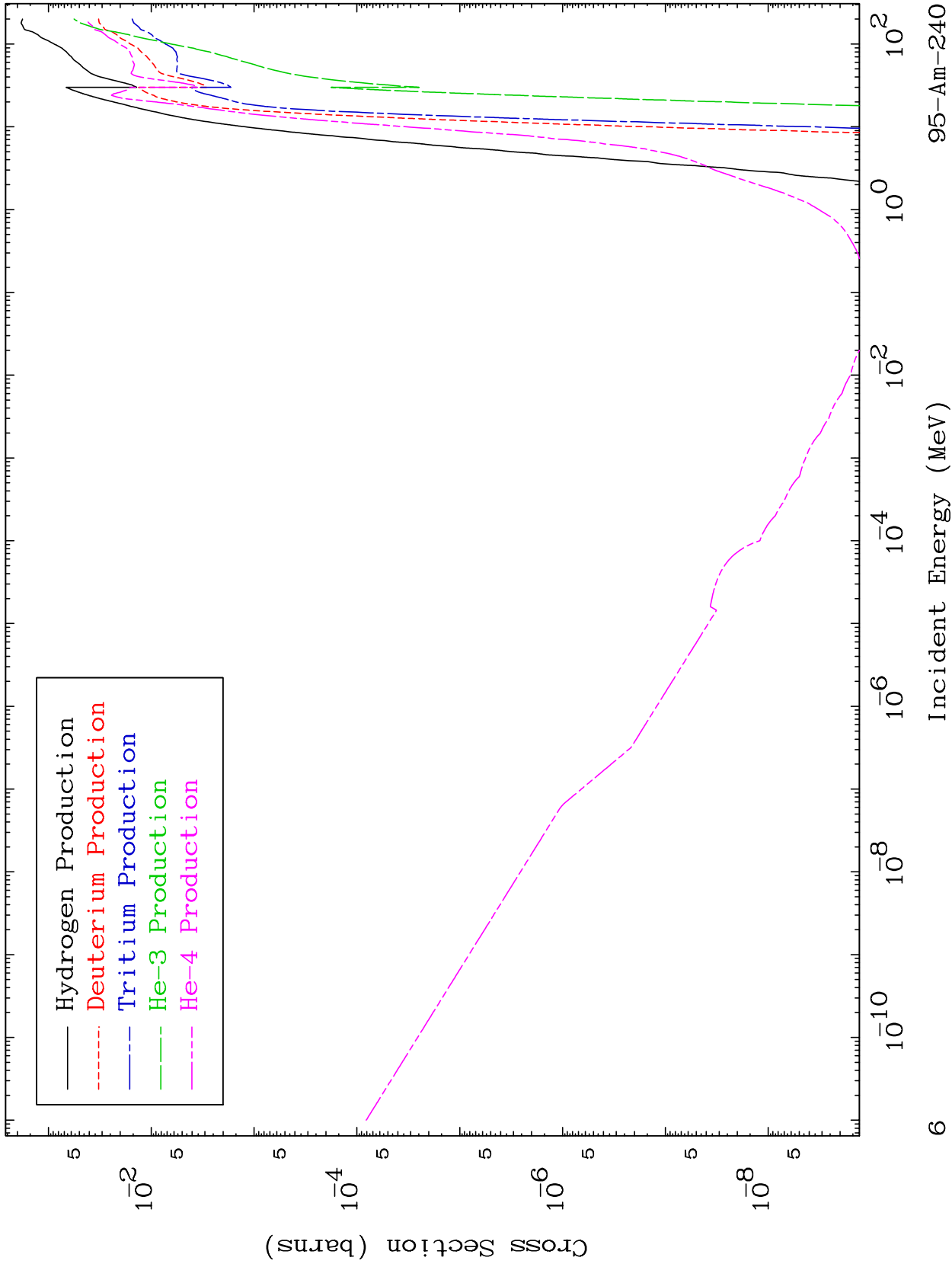
95-Am-240



MAT 9540

Particle Production  
293 Kelvin Cross Sections

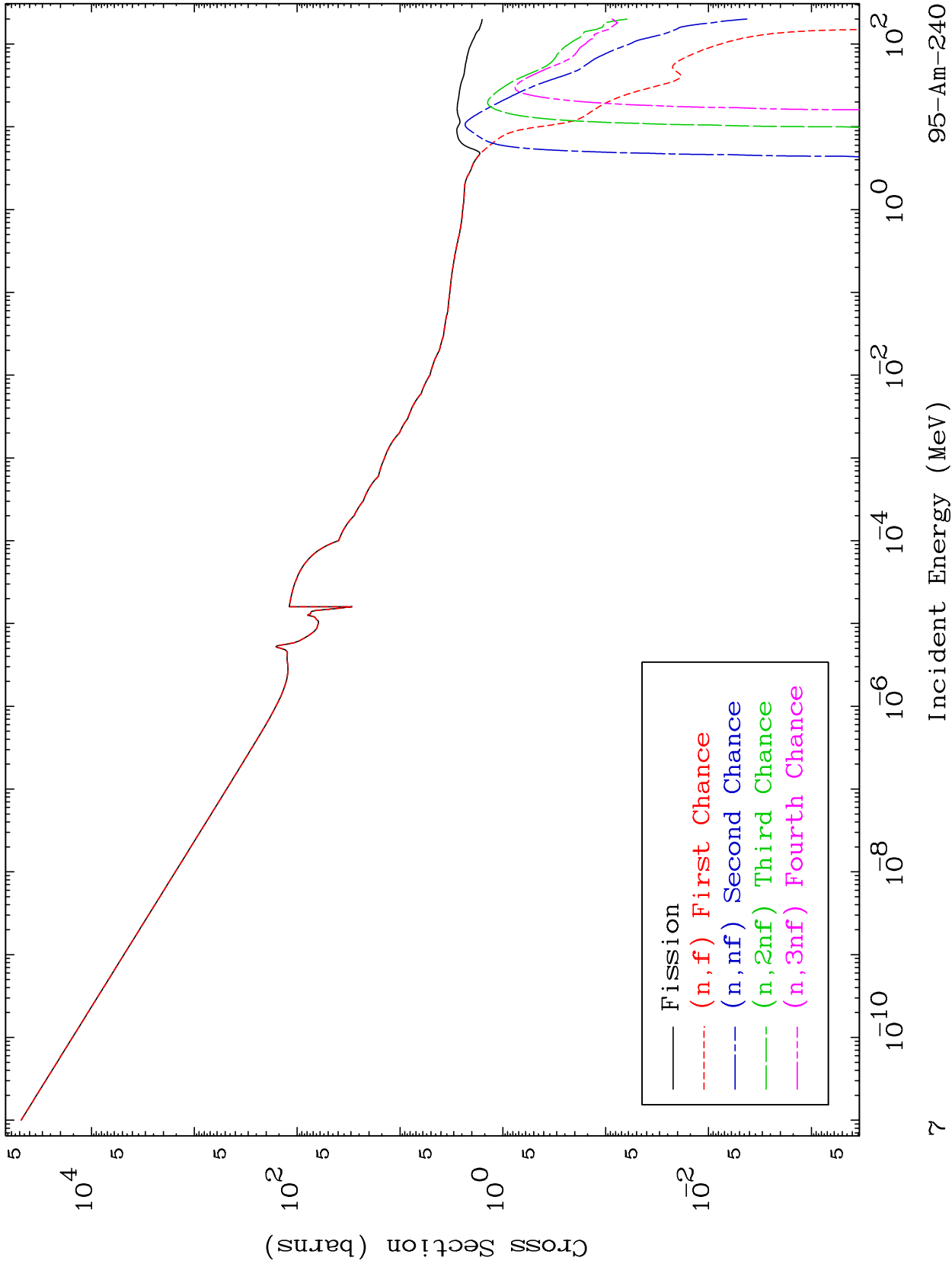
95-Am-240



MAT 9540

Fission  
293 Kelvin Cross Sections

95-Am-240

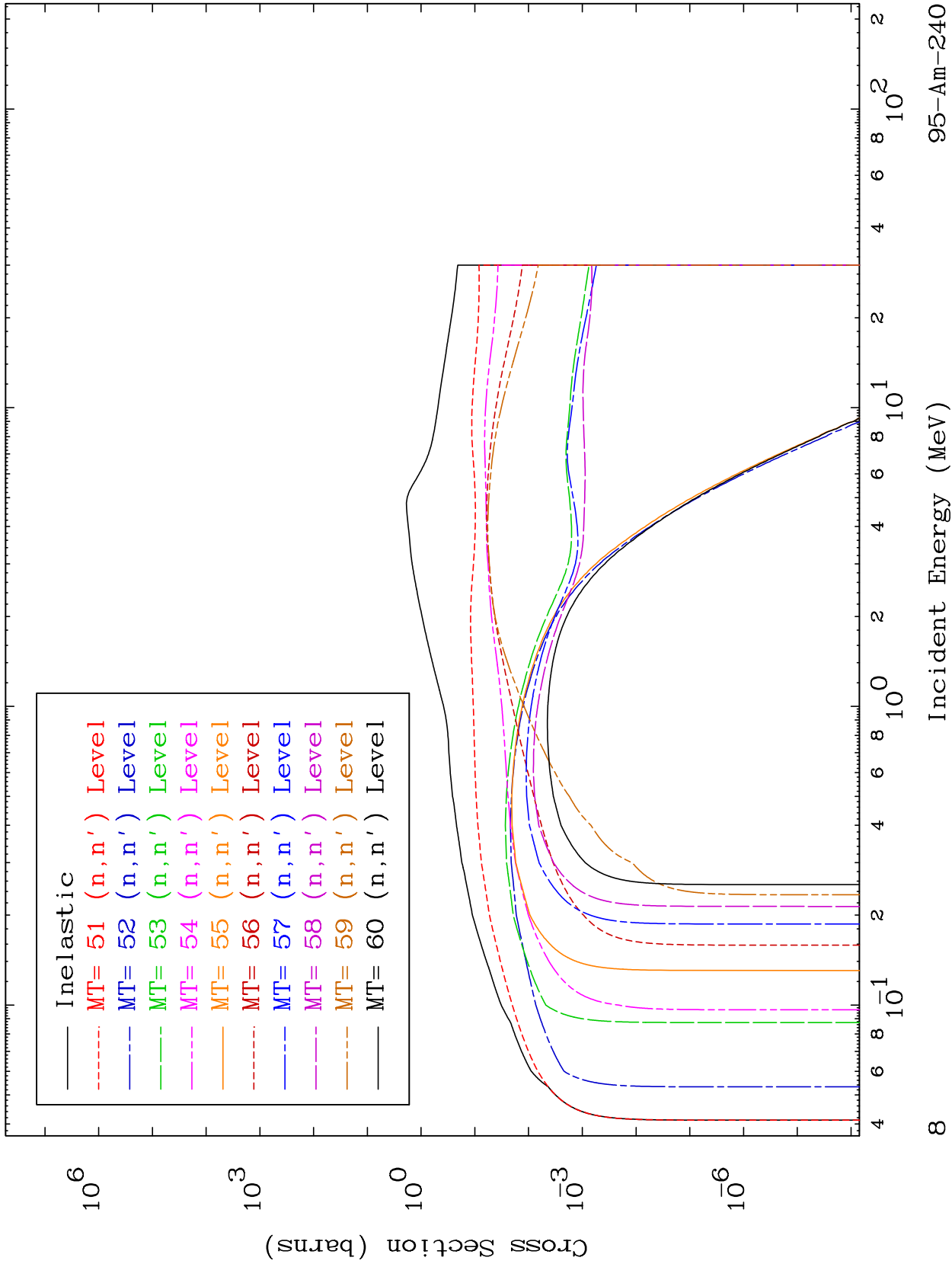




MAT 9540

(n,n') Level  
293 Kelvin Cross Sections

95-Am-240

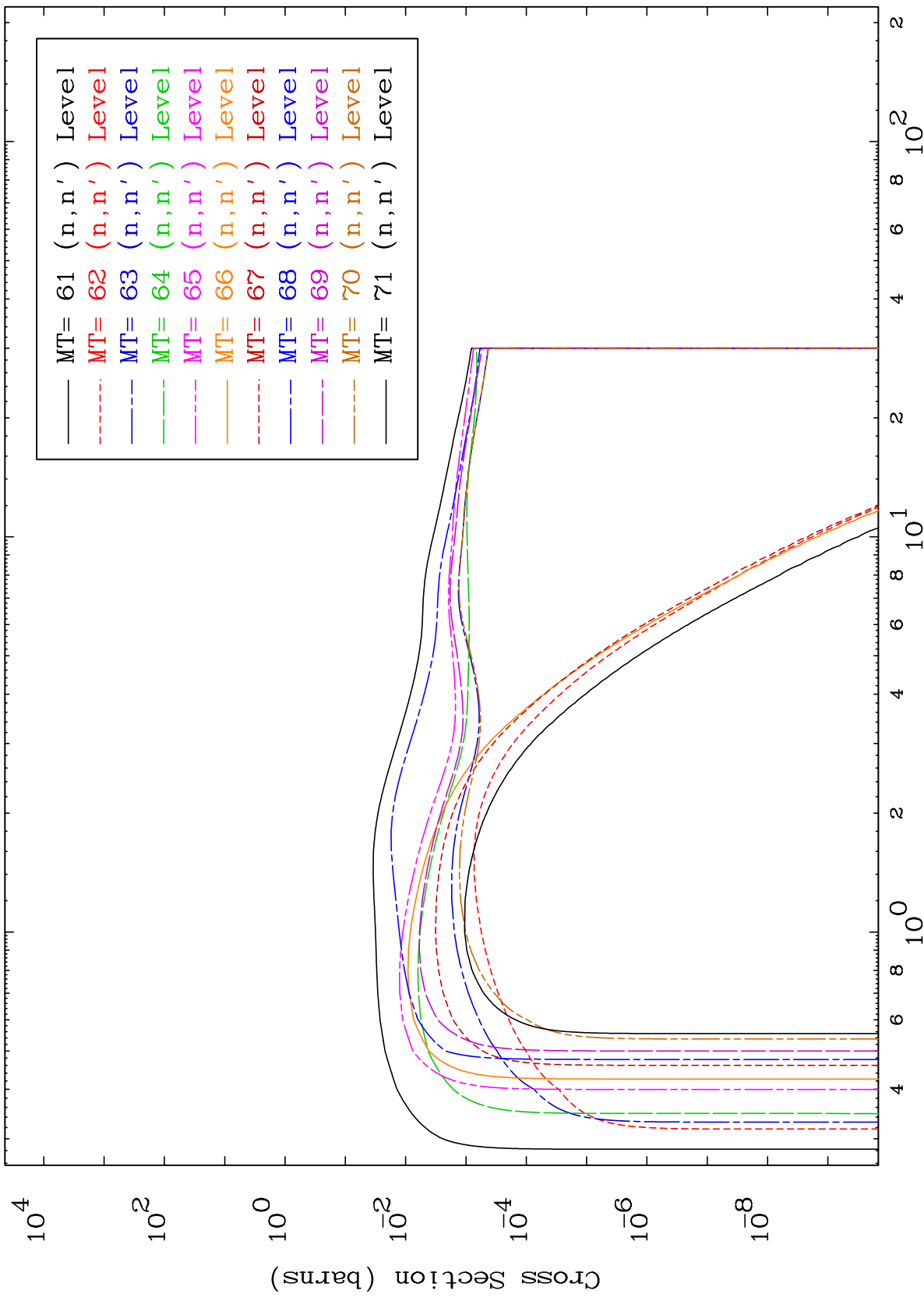


MAT 9540

(n,n') Level

95-Am-240

293 Kelvin Cross Sections

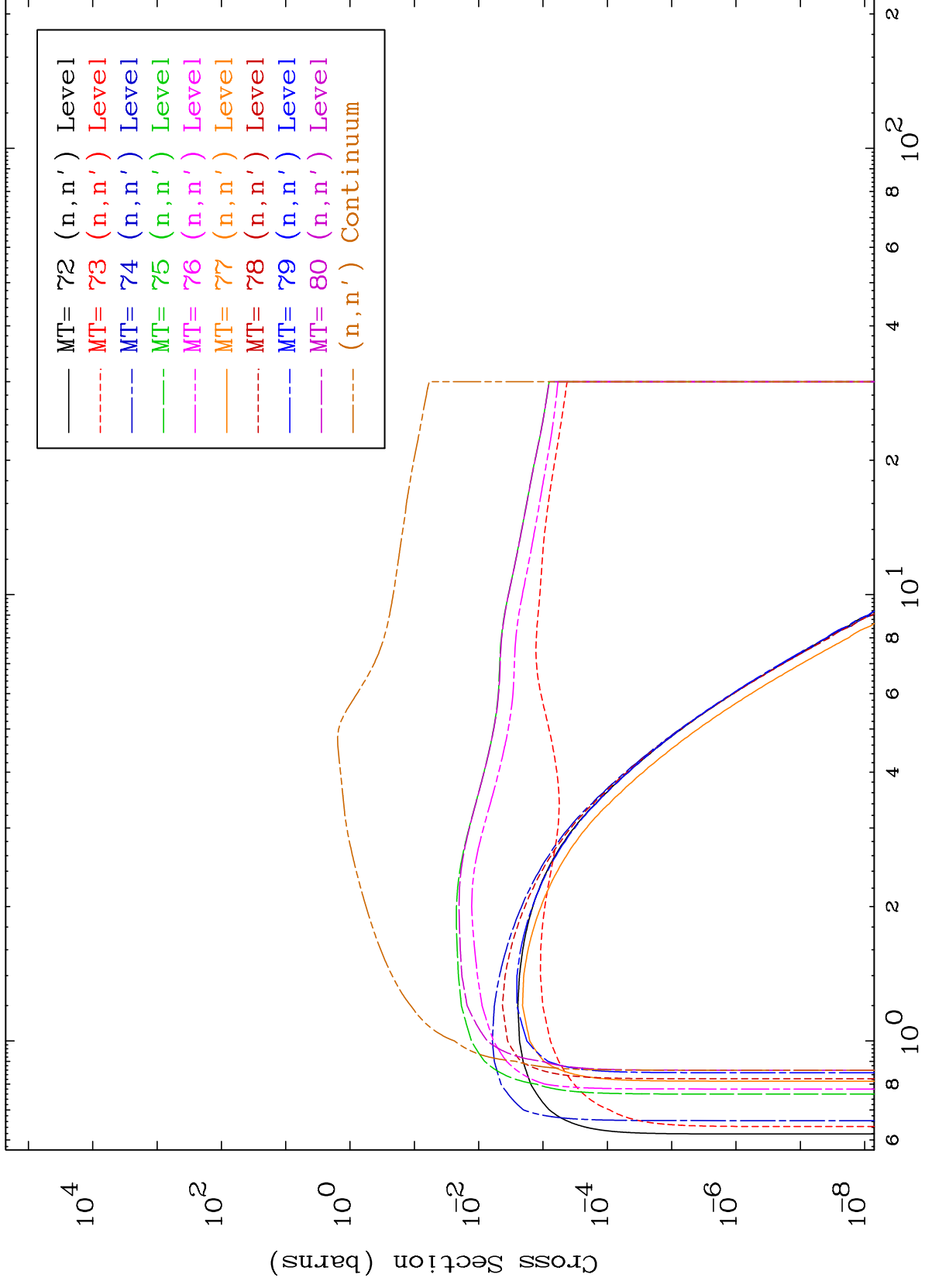


MAT 9540

(n,n') Level

293 Kelvin Cross Sections

95-Am-240



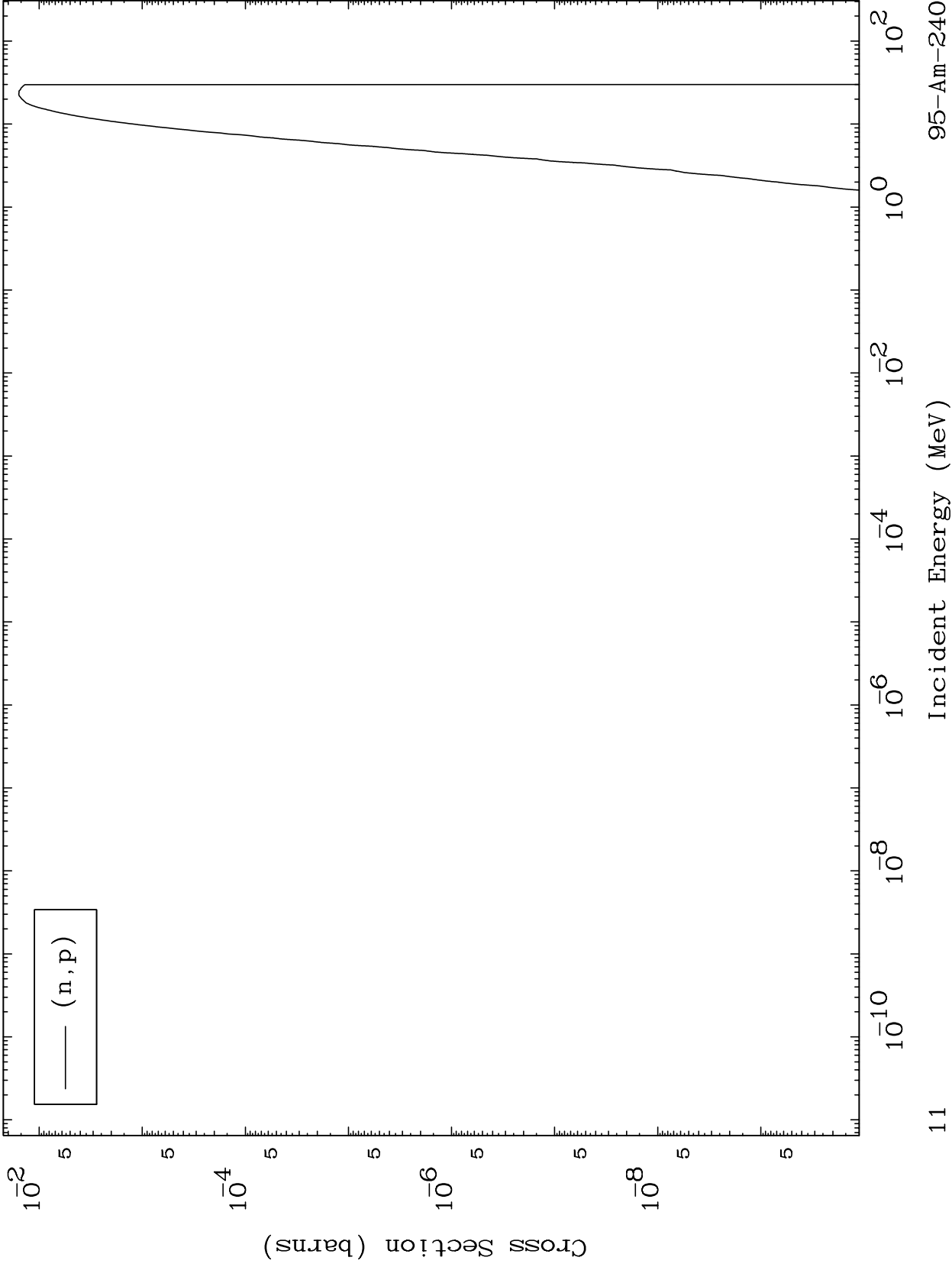
Incident Energy (MeV)

95-Am-240

MAT 9540

(n,p) Levels  
293 Kelvin Cross Sections

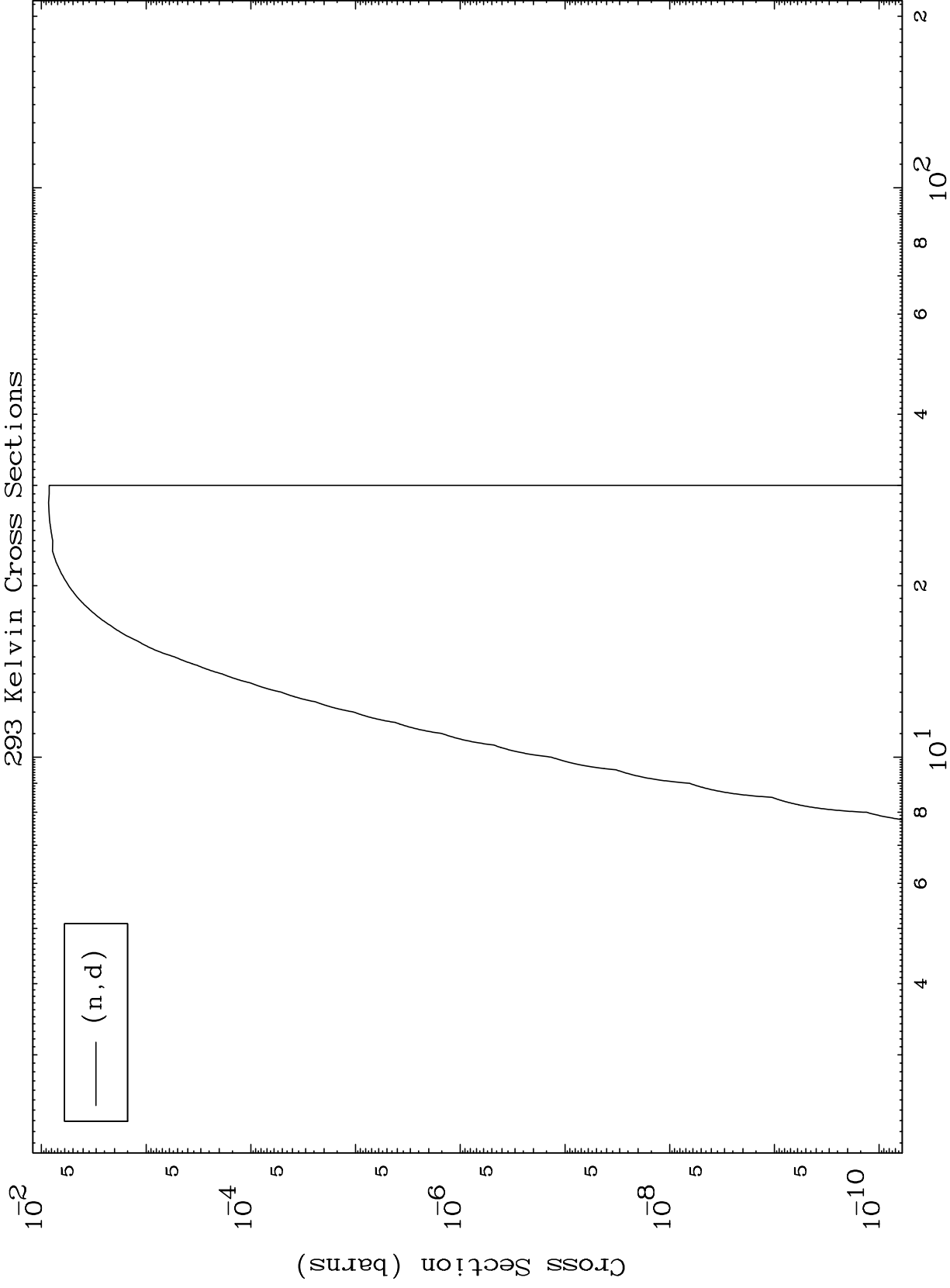
95-Am-240



MAT 9540

(n,d) Levels  
293 Kelvin Cross Sections

95-Am-240



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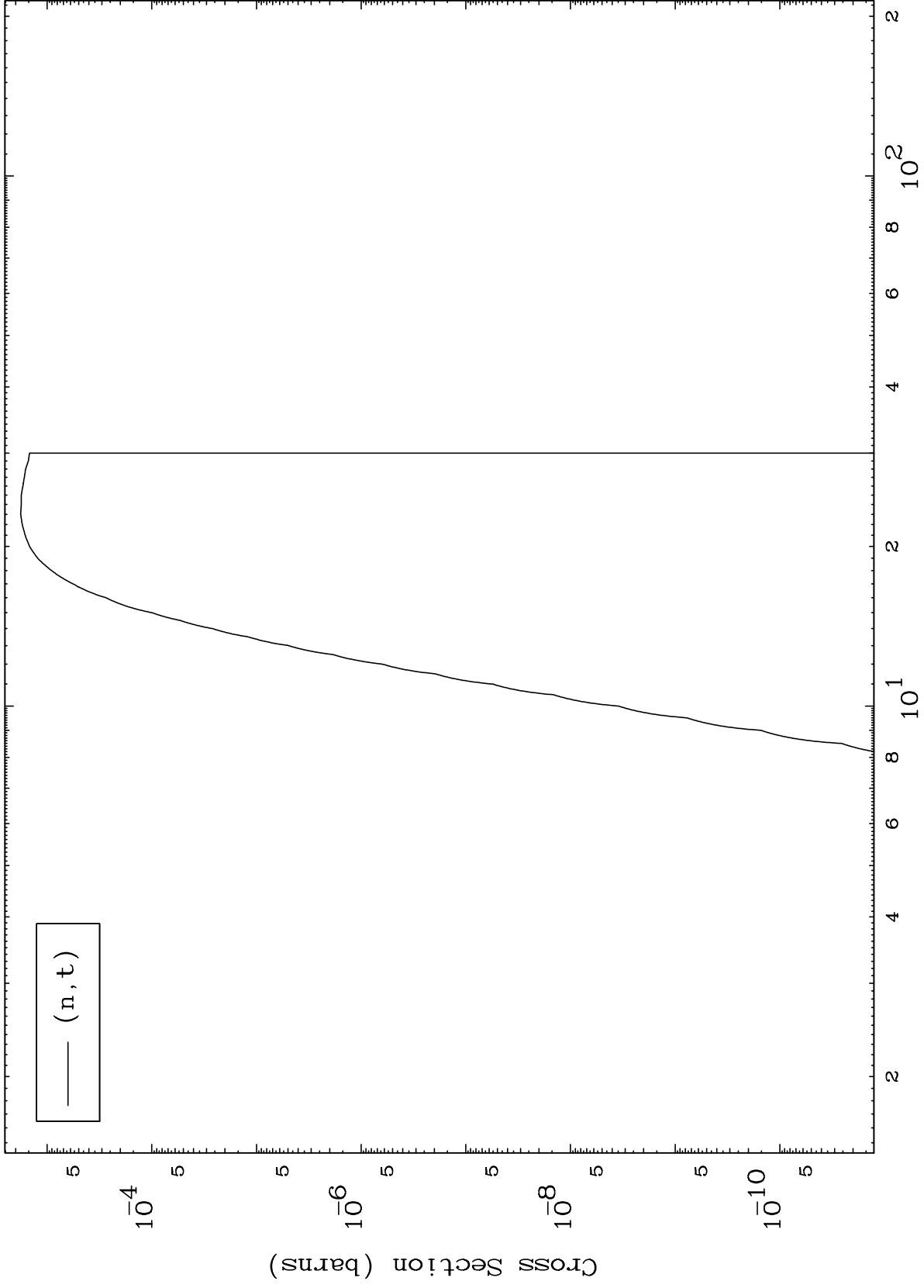
Incident Energy (MeV)

95-Am-240

MAT 9540

(n,t) Levels  
293 Kelvin Cross Sections

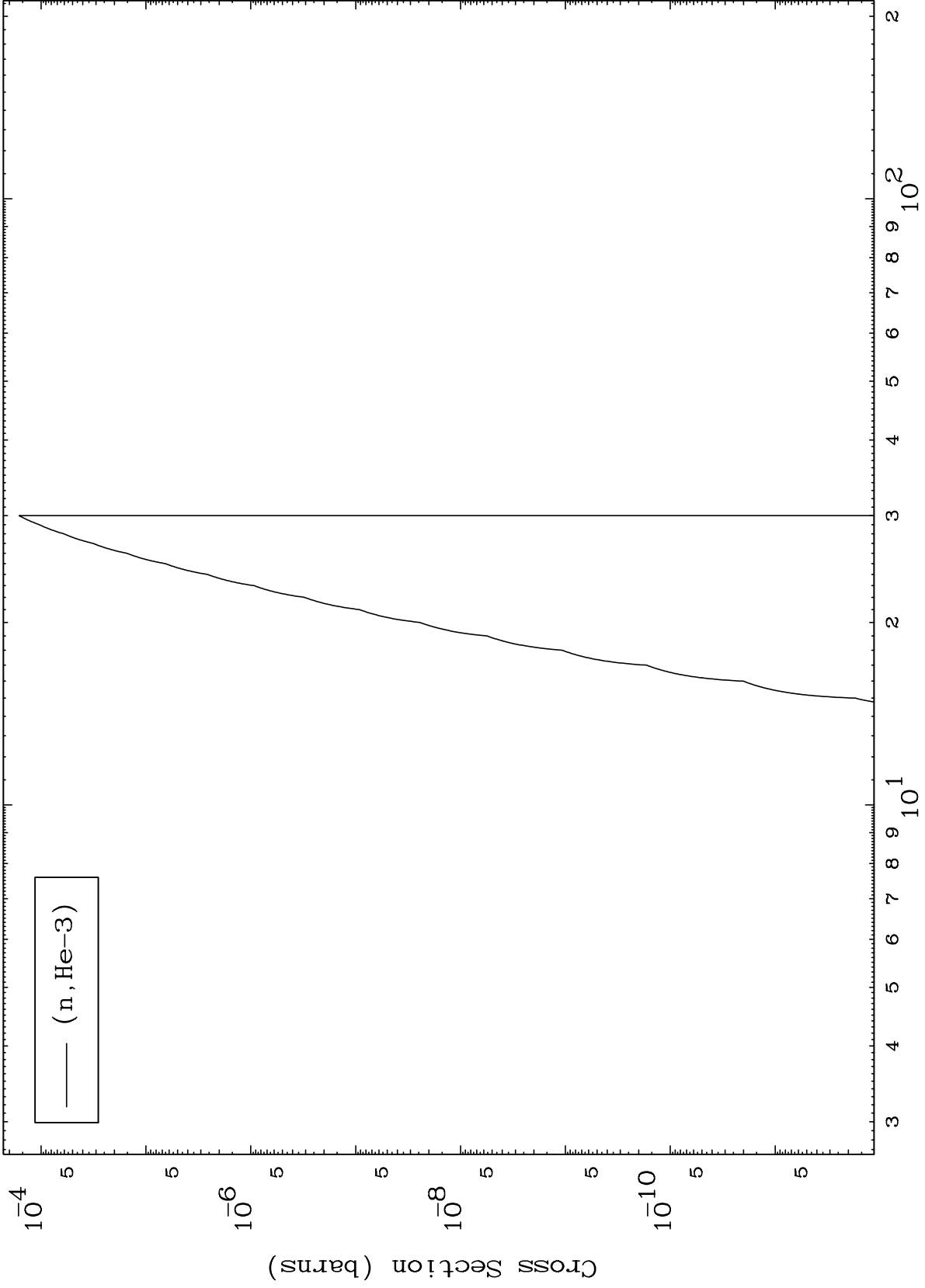
95-Am-240



MAT 9540

(n,He3) Levels  
293 Kelvin Cross Sections

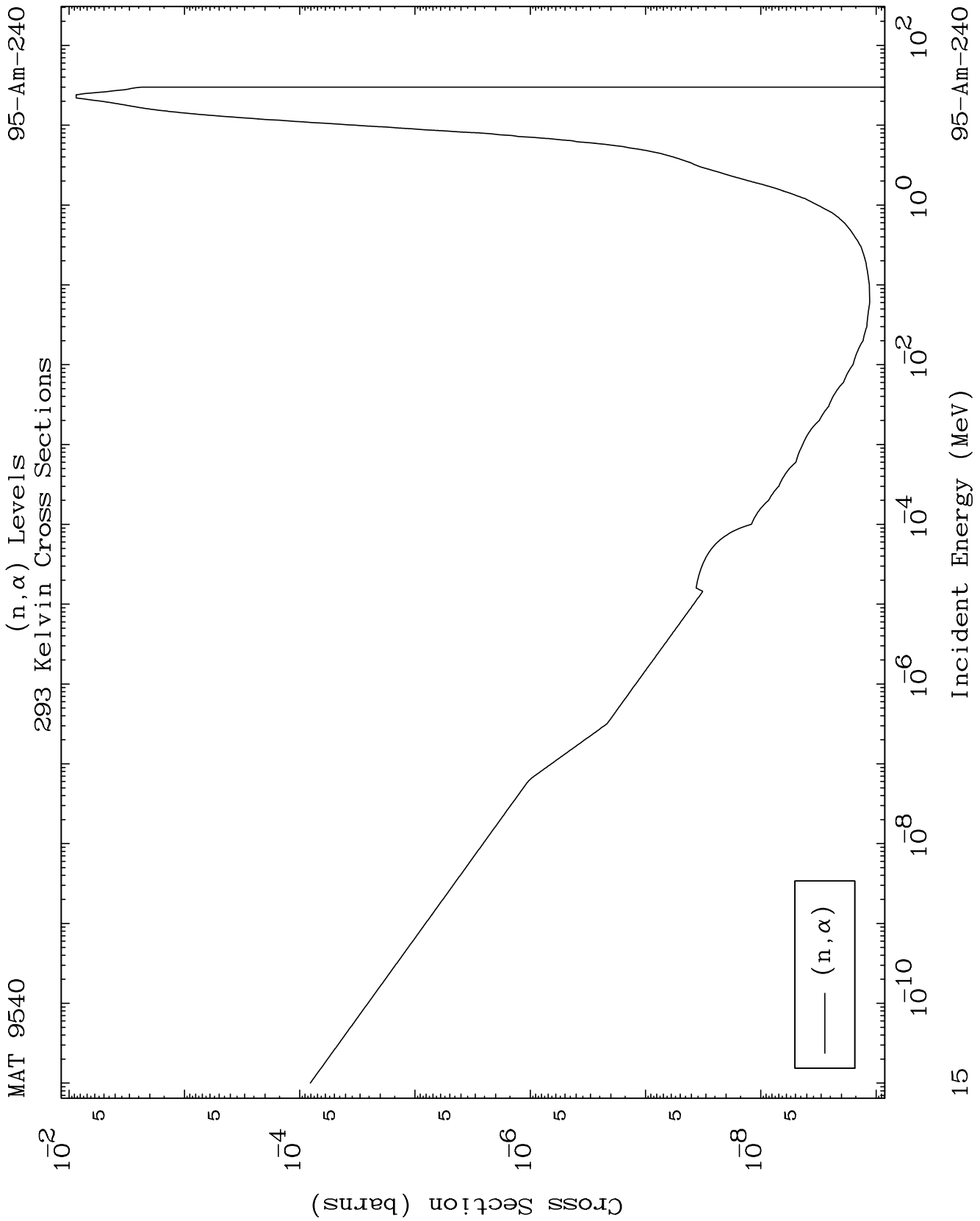
95-Am-240



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Incident Energy (MeV)

95-Am-240

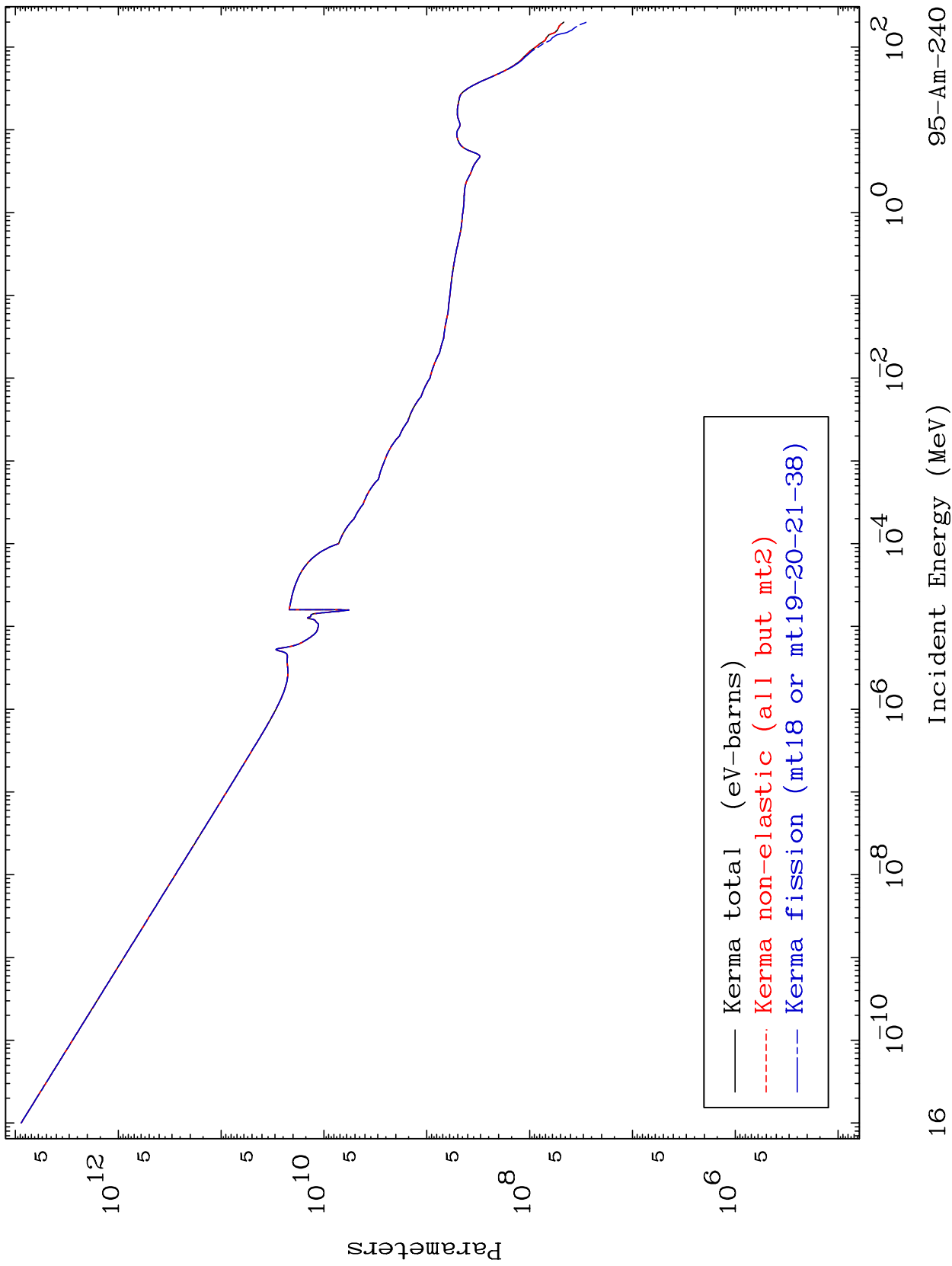




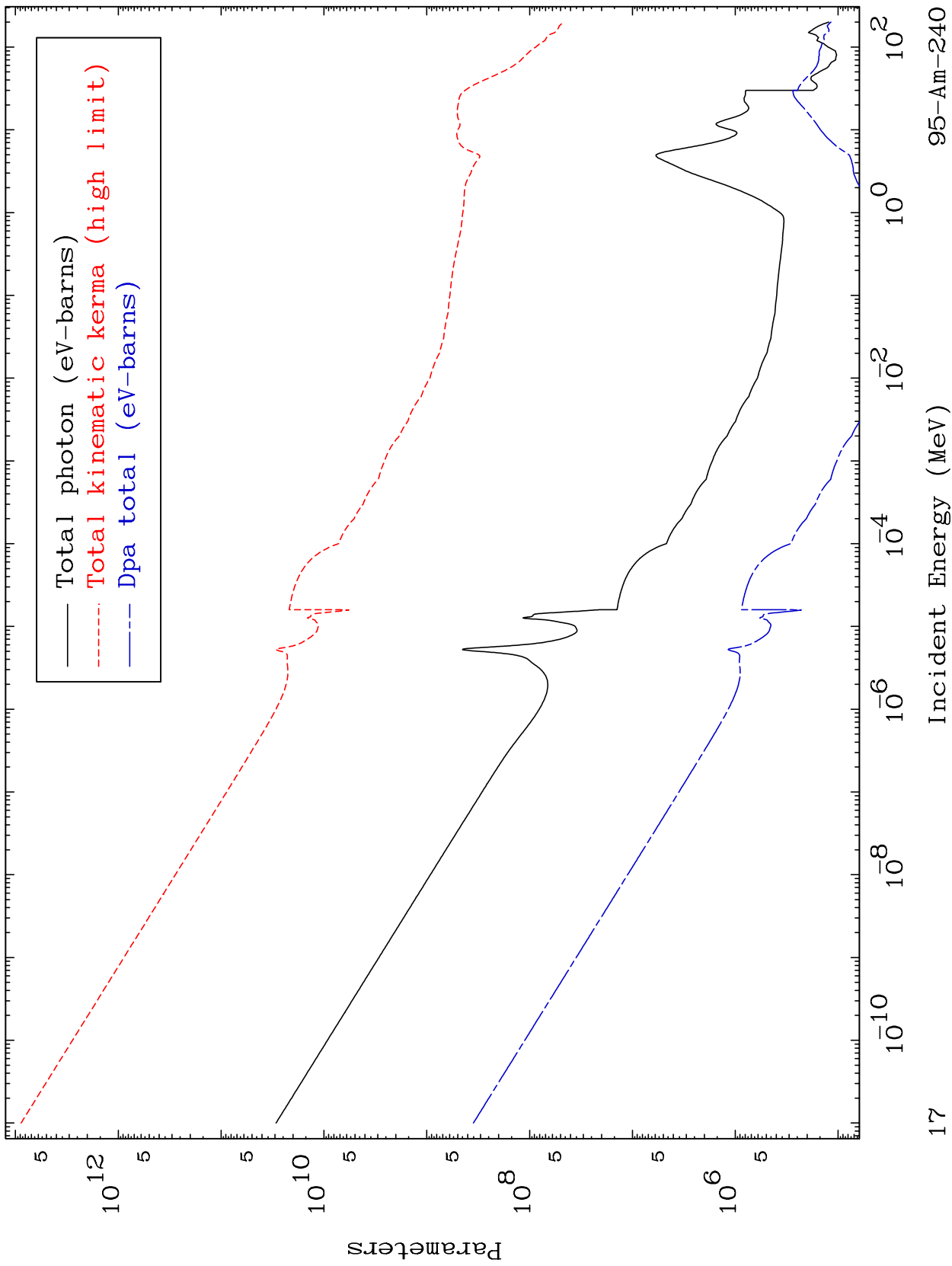
MAT 9540

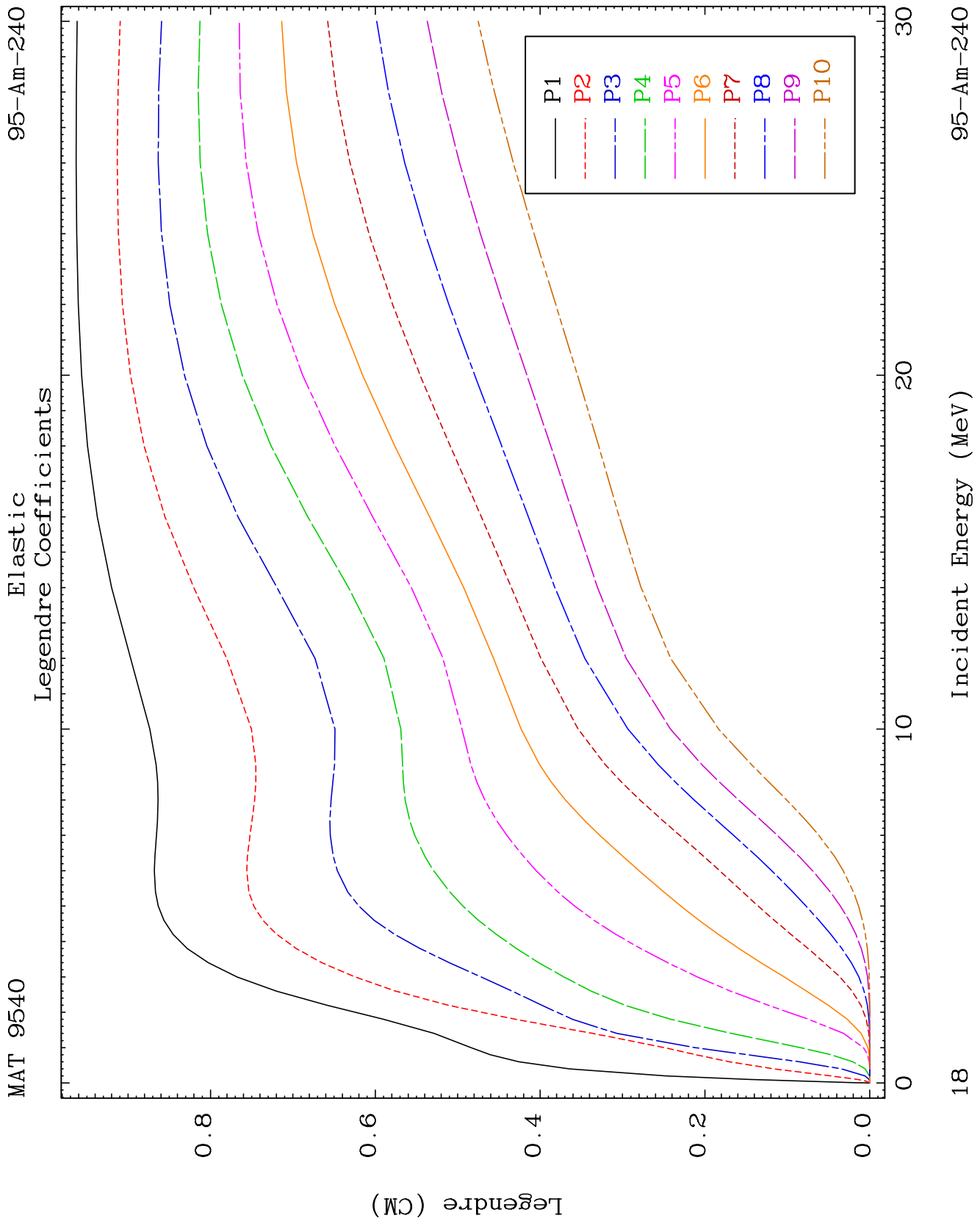
Energy Release  
Parameters

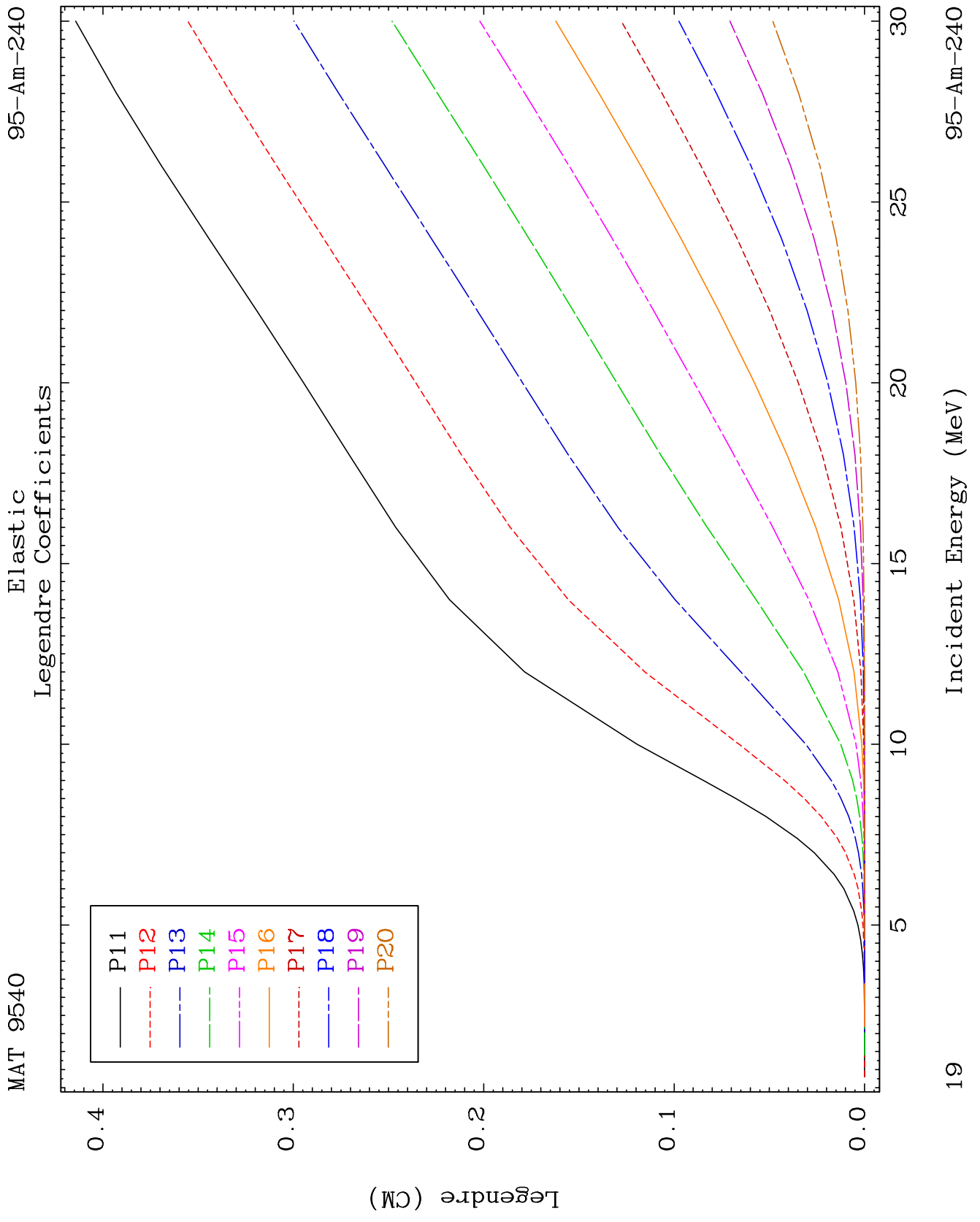
95-Am-240

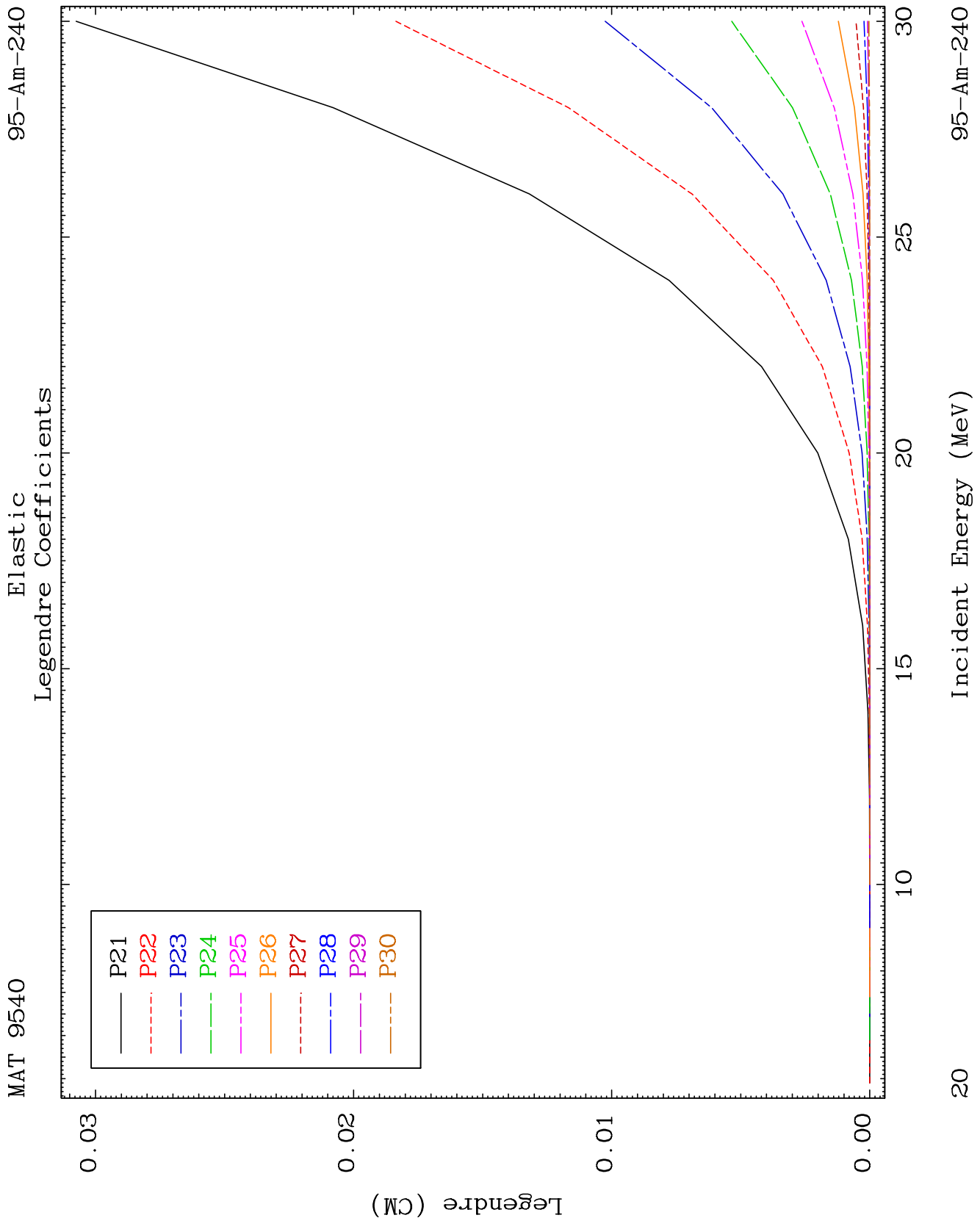


— Kerma total (eV-barns)  
- - - Kerma non-elastic (all but mt2)  
- - - Kerma fission (mt18 or mt19-20-21-38)





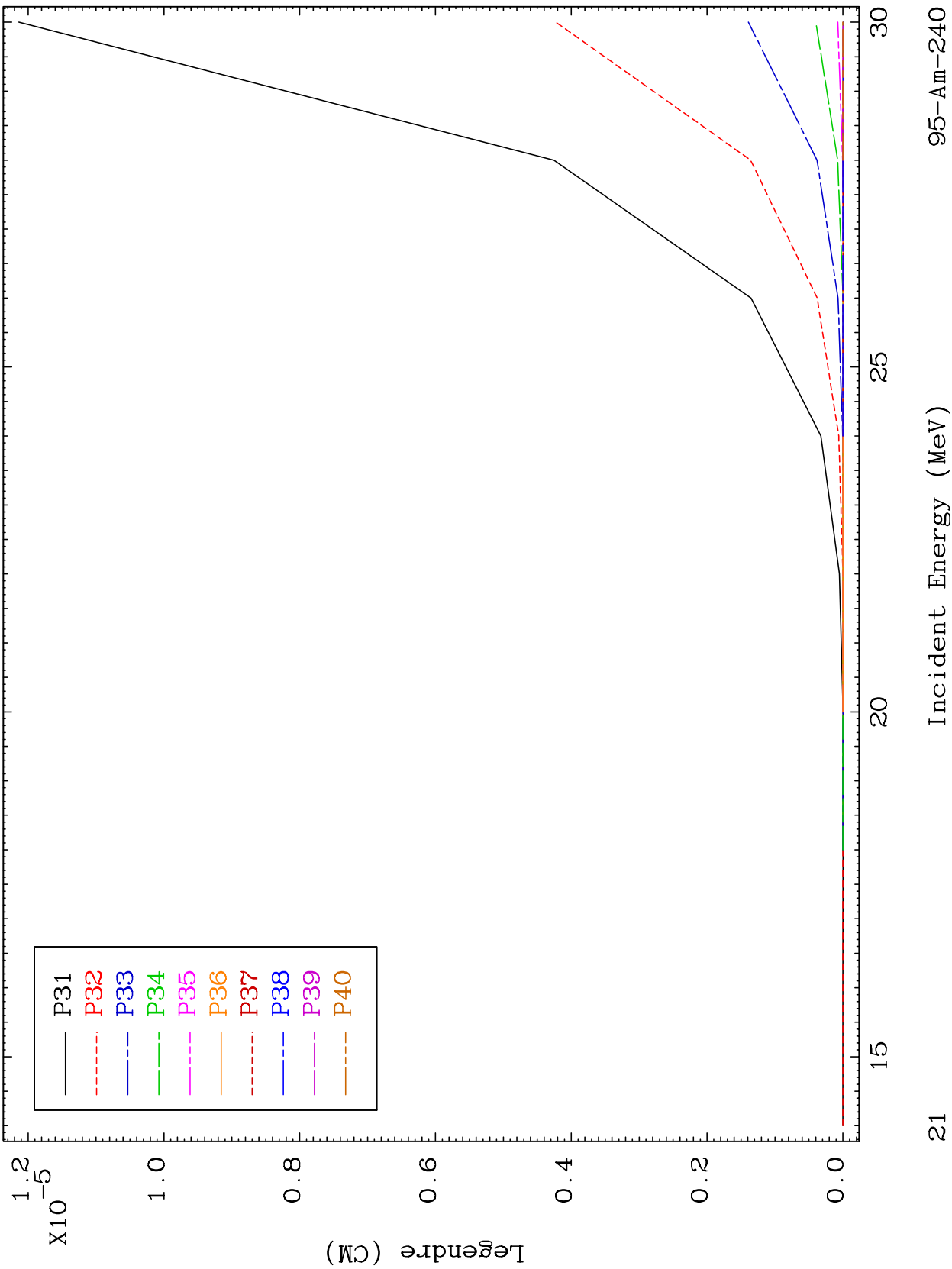




MAT 9540

Elastic  
Legendre Coefficients

95-Am-240



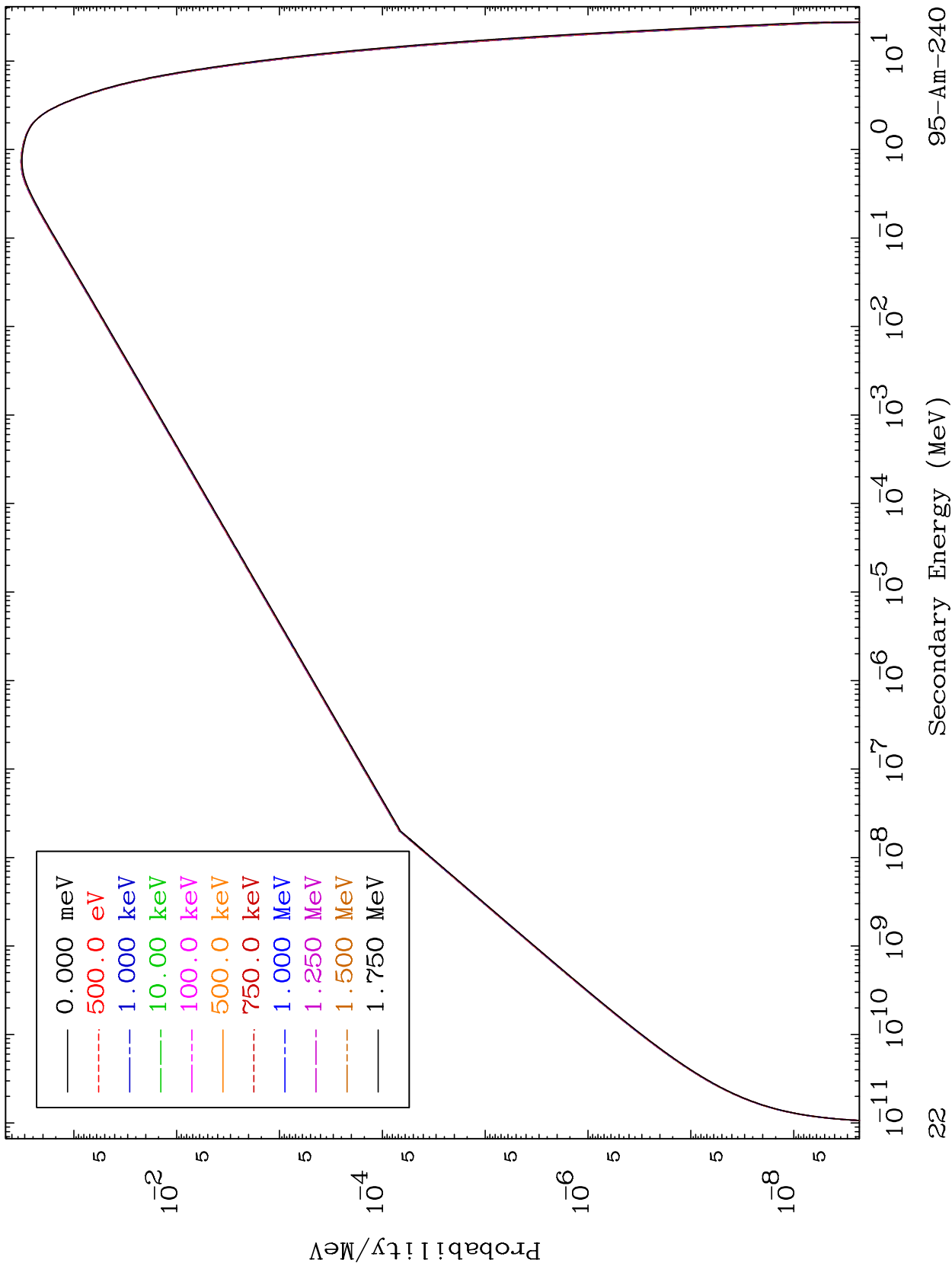
21

95-Am-240

MAT 9540

### Fission Energy Distribution

95-Am-240



95-Am-240

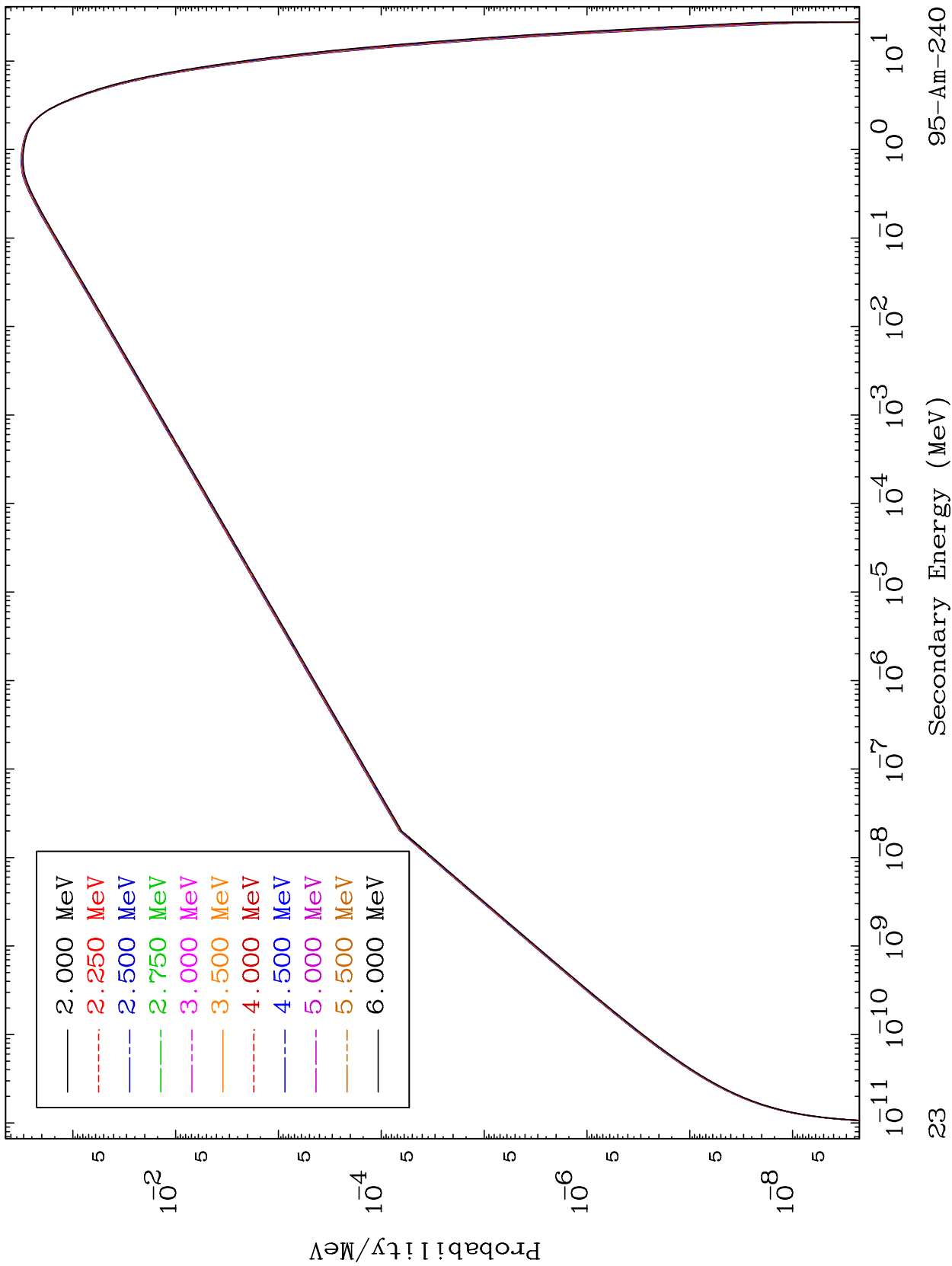
Secondary Energy (MeV)

22

MAT 9540

### Fission Energy Distribution

95-Am-240



95-Am-240

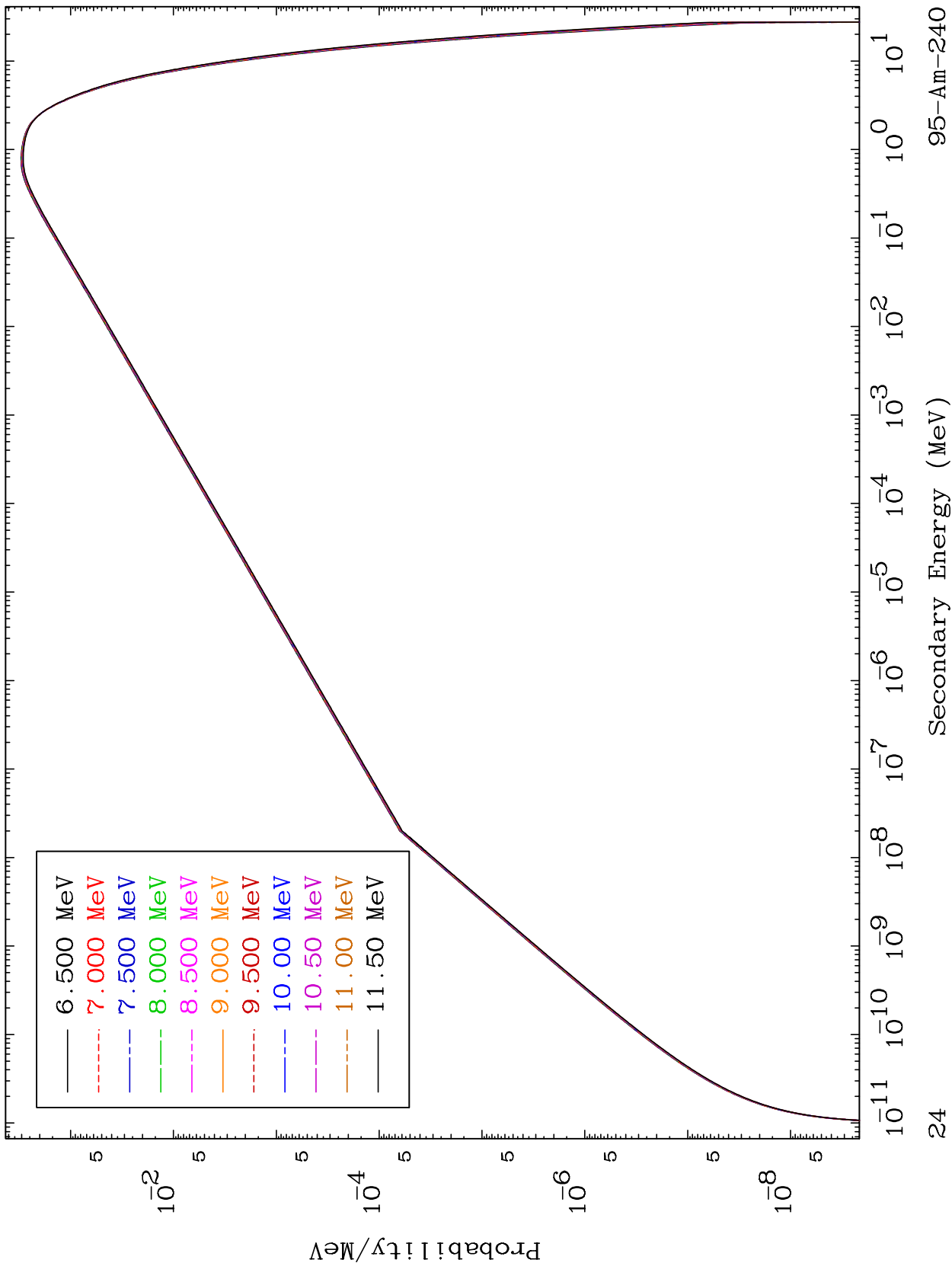
Secondary Energy (MeV)



MAT 9540

### Fission Energy Distribution

95-Am-240



95-Am-240

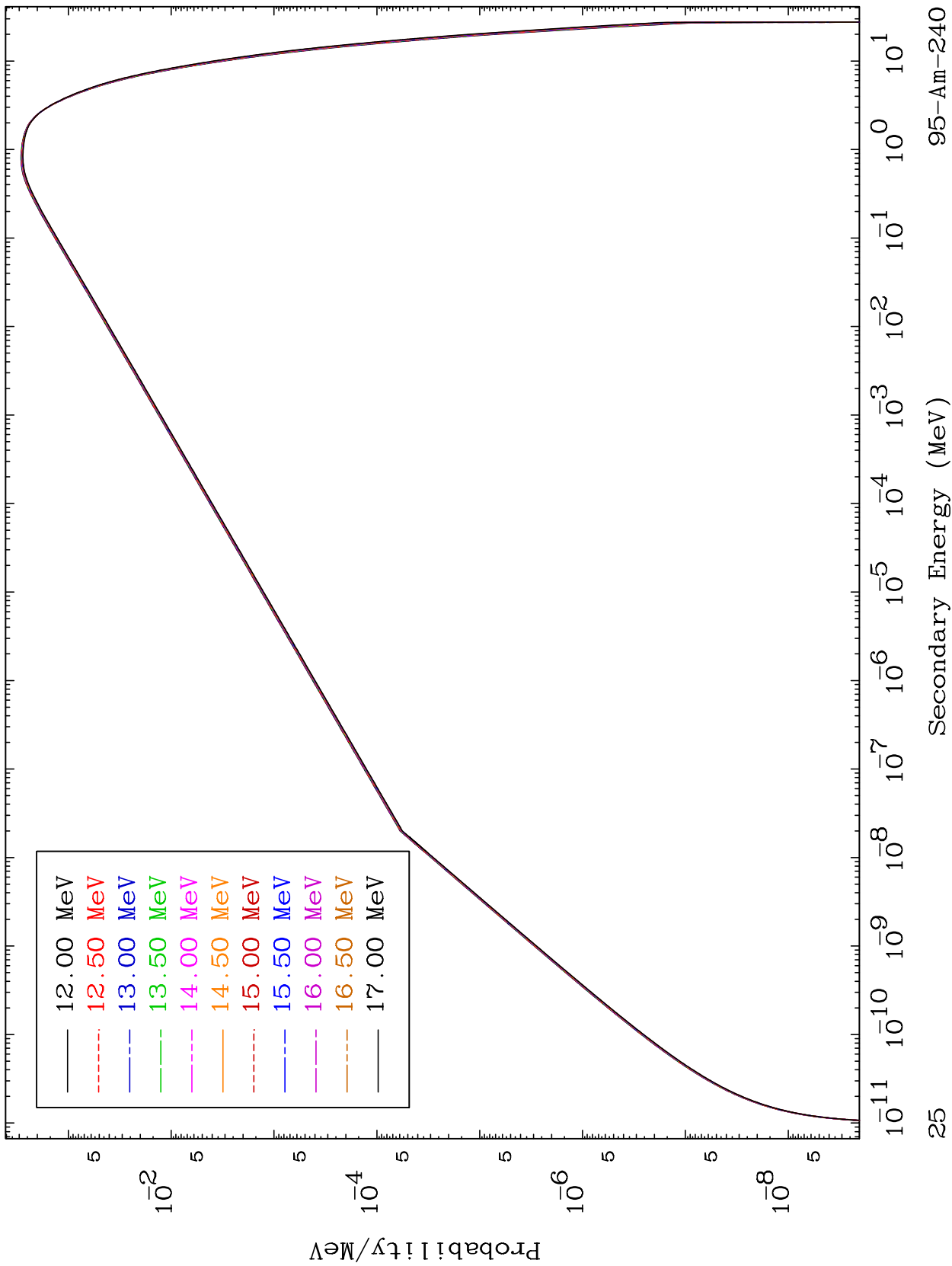
Secondary Energy (MeV)

24

MAT 9540

Fission Energy Distribution

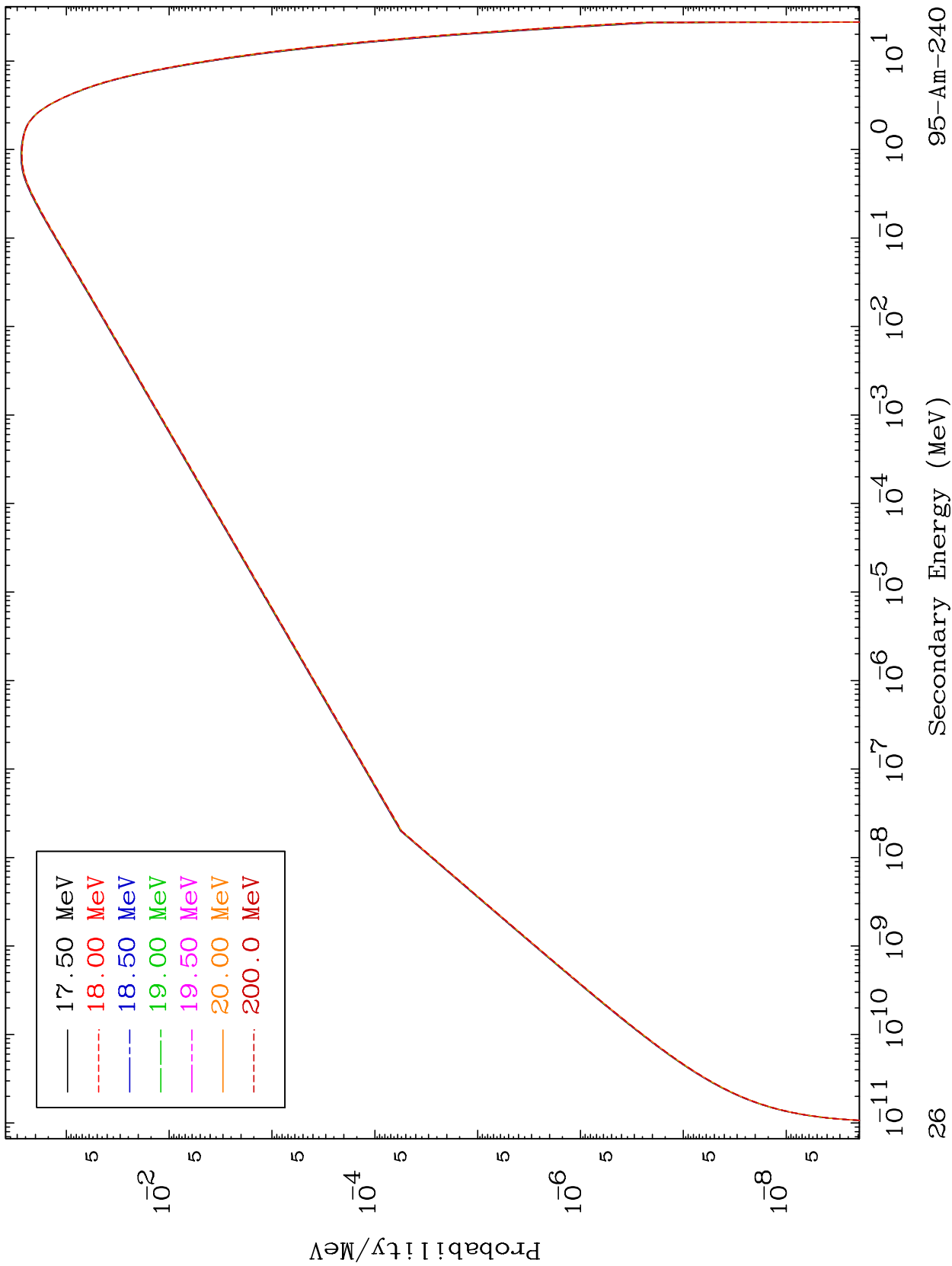
95-Am-240



MAT 9540

### Fission Energy Distribution

95-Am-240

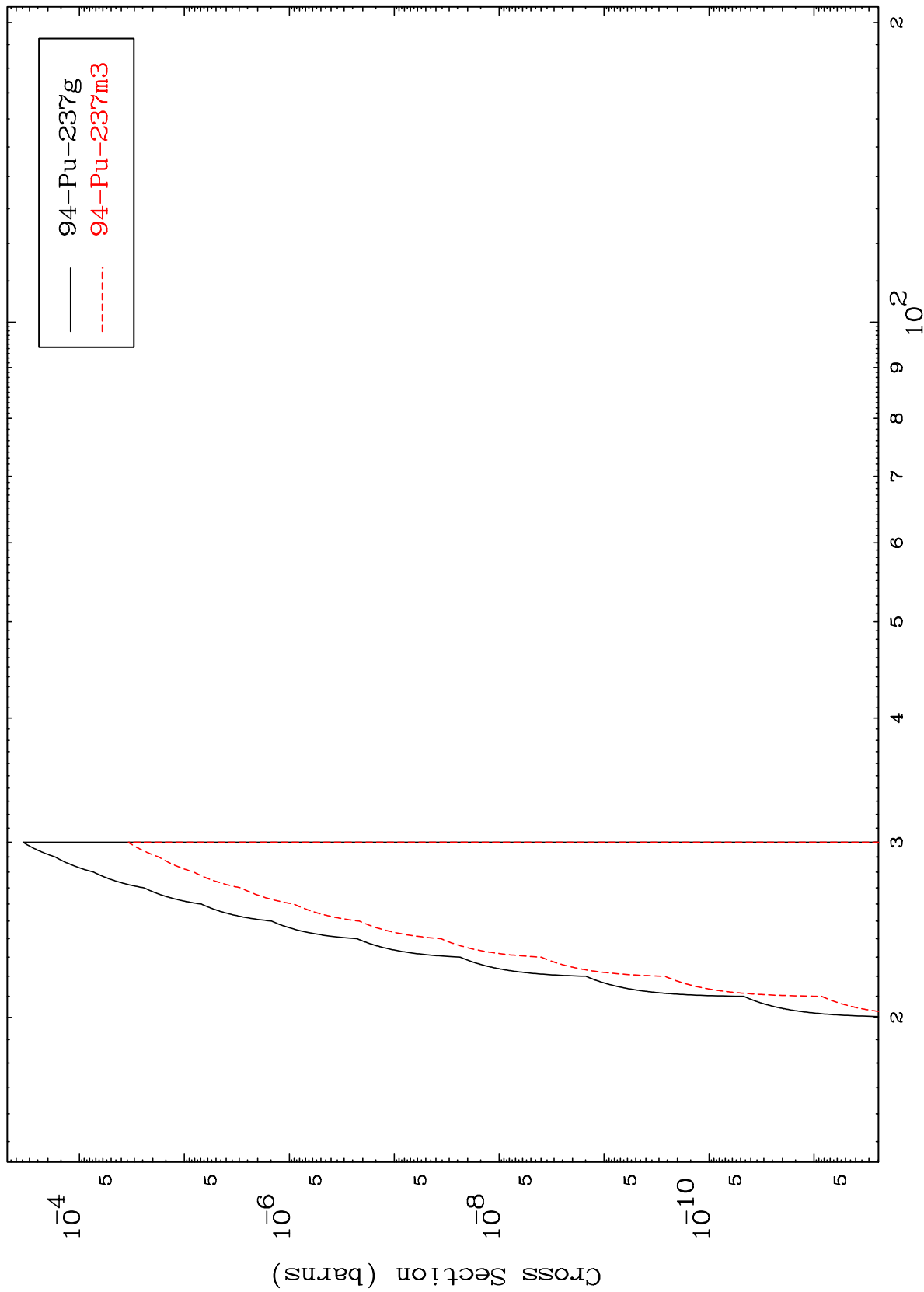


MAT 9540

(n,2n) d

95-Am-240

Radionuclide Production Cross Section



27

Incident Energy (MeV)

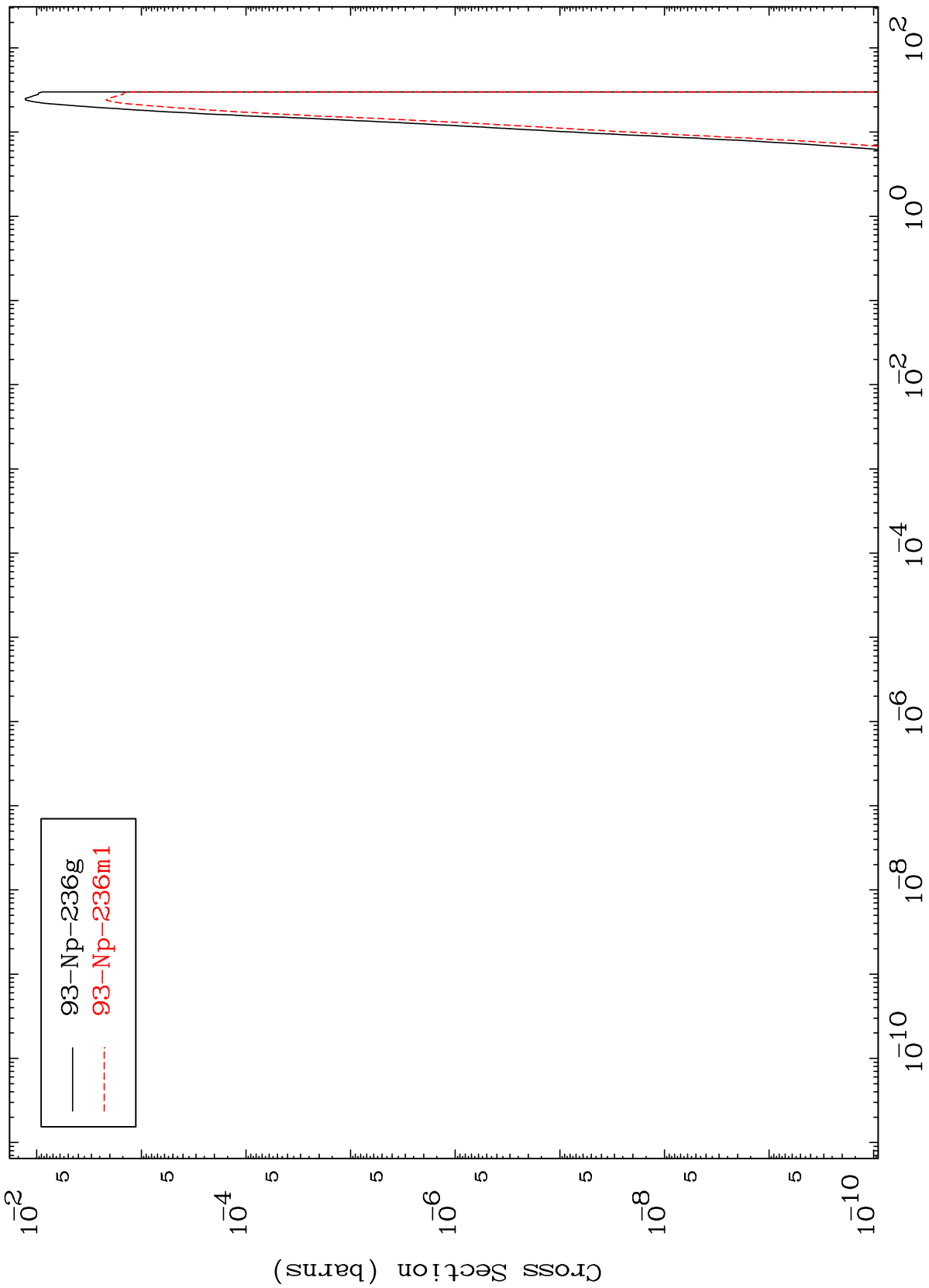
95-Am-240

MAT 9540

$(n, n') \alpha$

95-Am-240

Radionuclide Production Cross Section



93-Np-236g  
93-Np-236m1

Incident Energy (MeV)

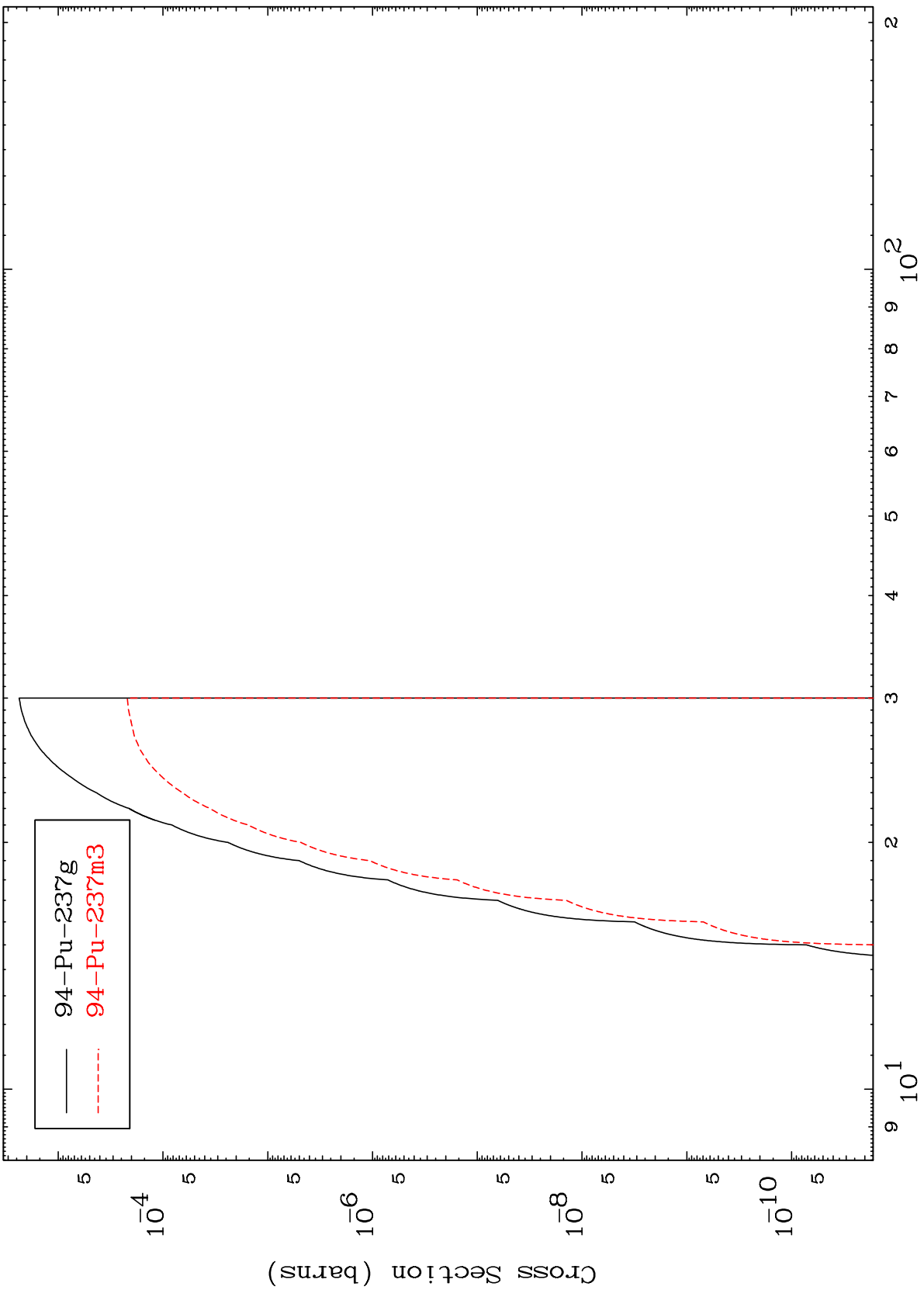
95-Am-240

MAT 9540

(n,n') t

95-Am-240

Radionuclide Production Cross Section



29

Incident Energy (MeV)

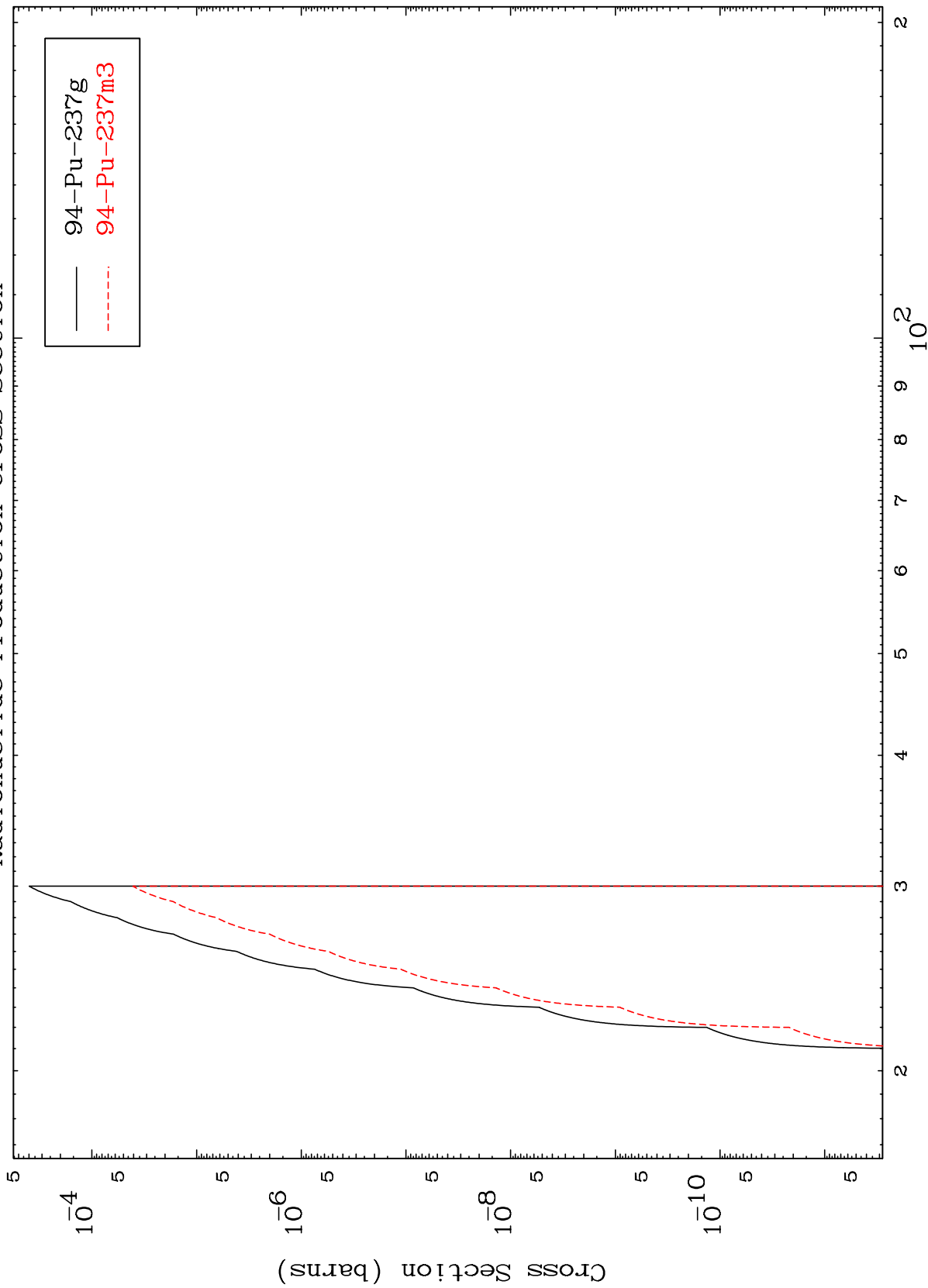
95-Am-240

MAT 9540

(n,3n) p

95-Am-240

Radionuclide Production Cross Section



30

Incident Energy (MeV)

95-Am-240

MAT 9540

(n,n') p  $\alpha$

95-Am-240

Radionuclide Production Cross Section

