

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

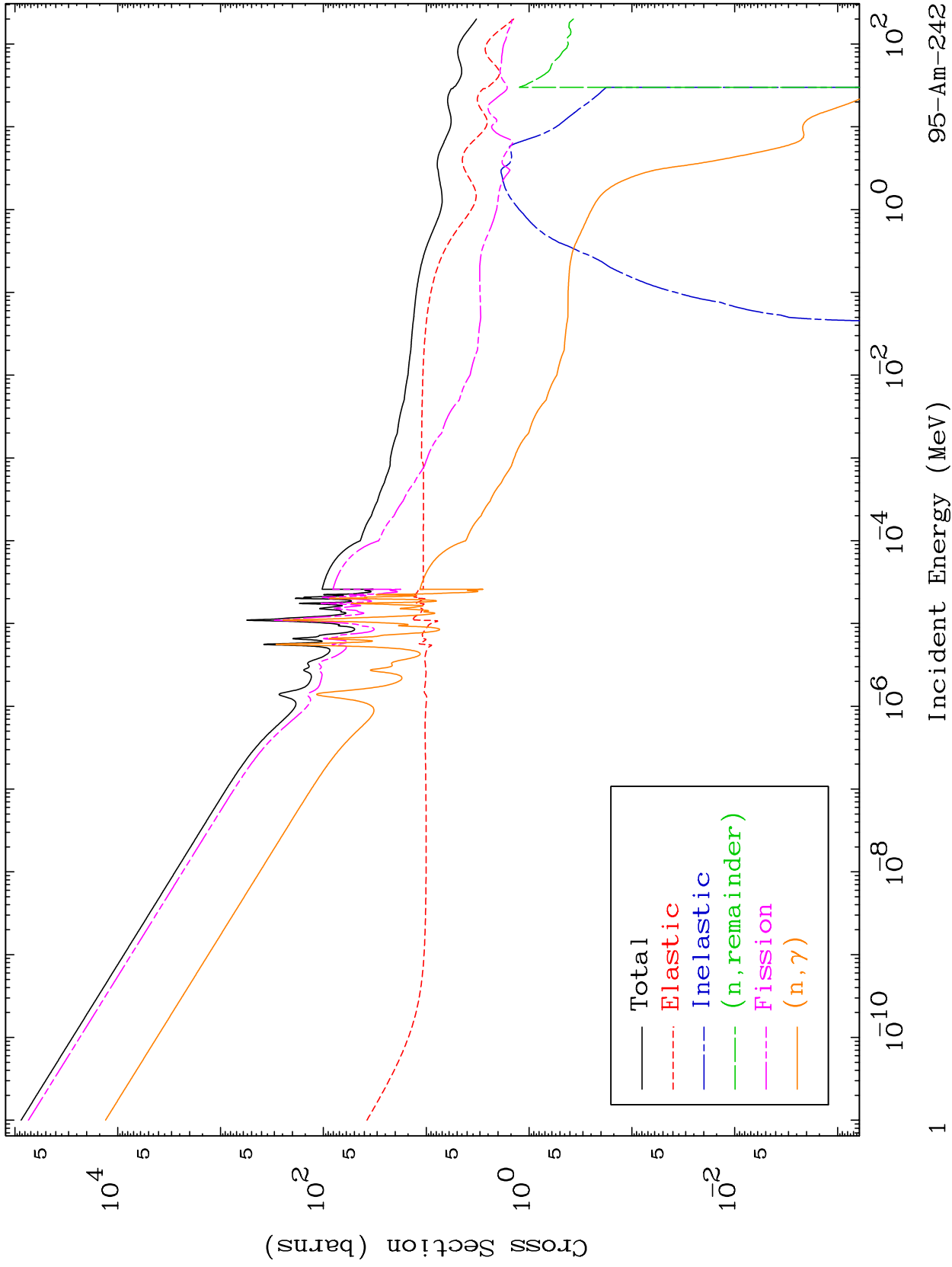
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9546

Major
293 Kelvin Cross Sections

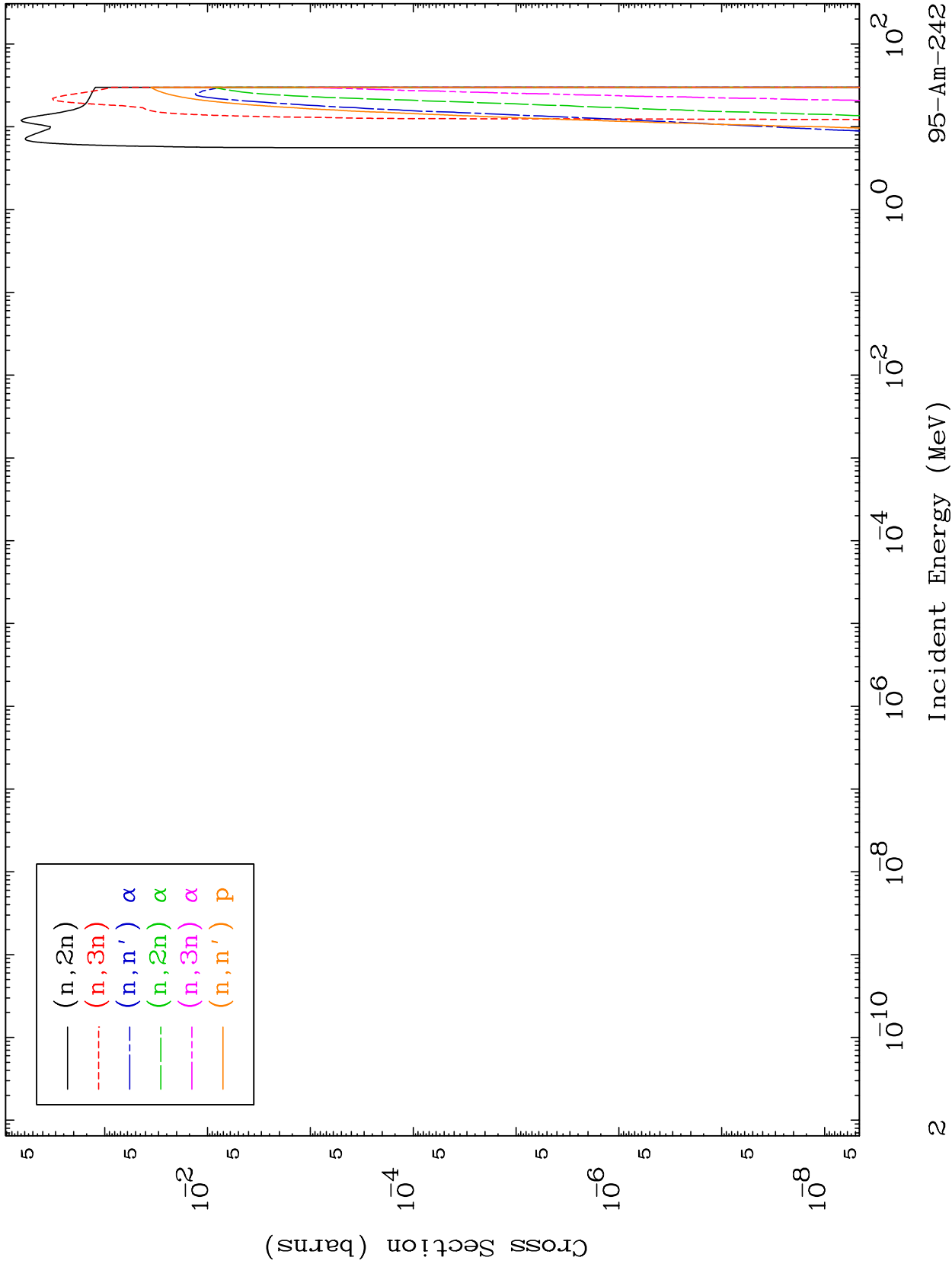
95-Am-242



MAT 9546

Neutron Production
293 Kelvin Cross Sections

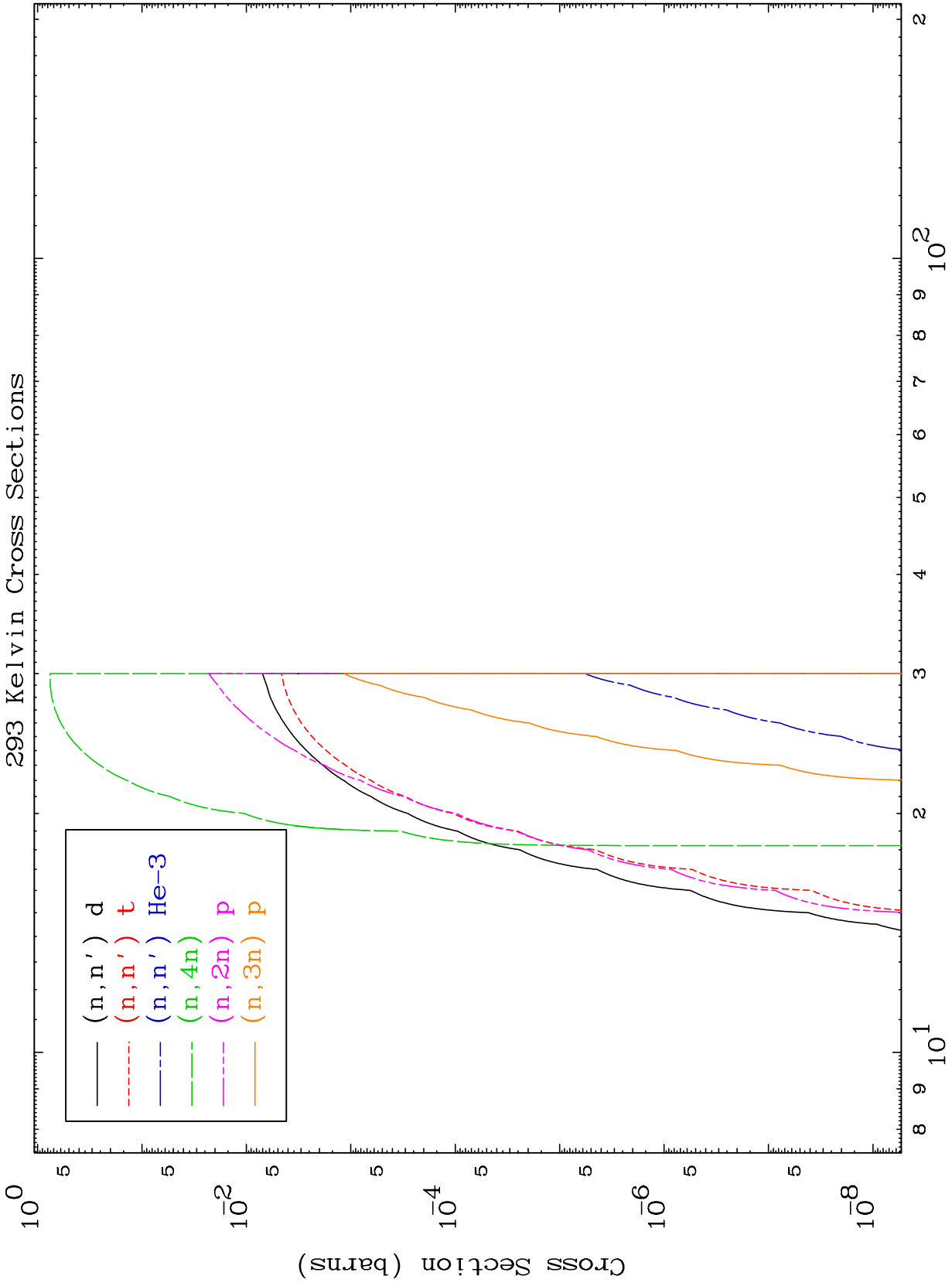
95-Am-242



MAT 9546

Neutron Production
293 Kelvin Cross Sections

95-Am-242



Incident Energy (MeV)

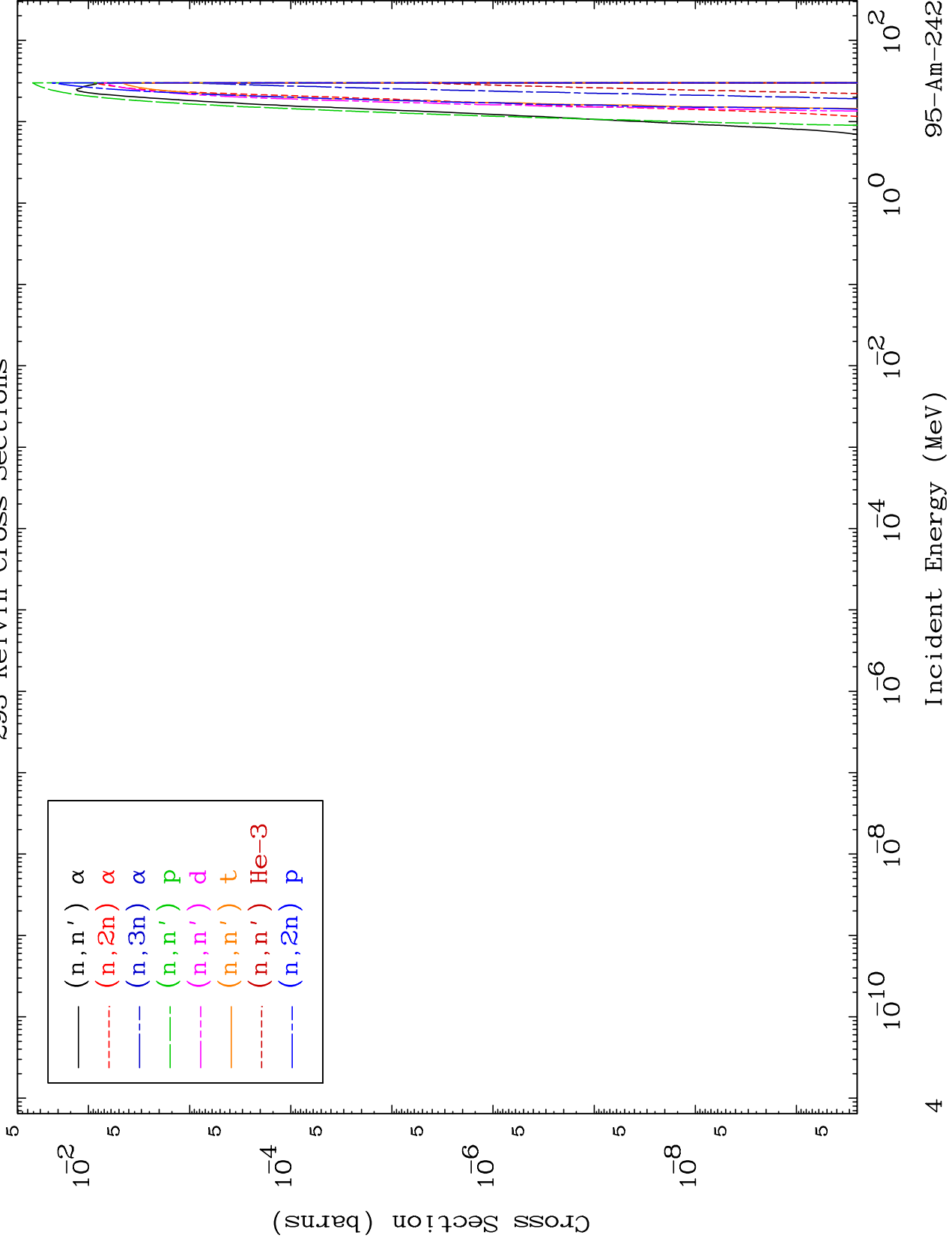
95-Am-242

3

MAT 9546

Charged Particle
293 Kelvin Cross Sections

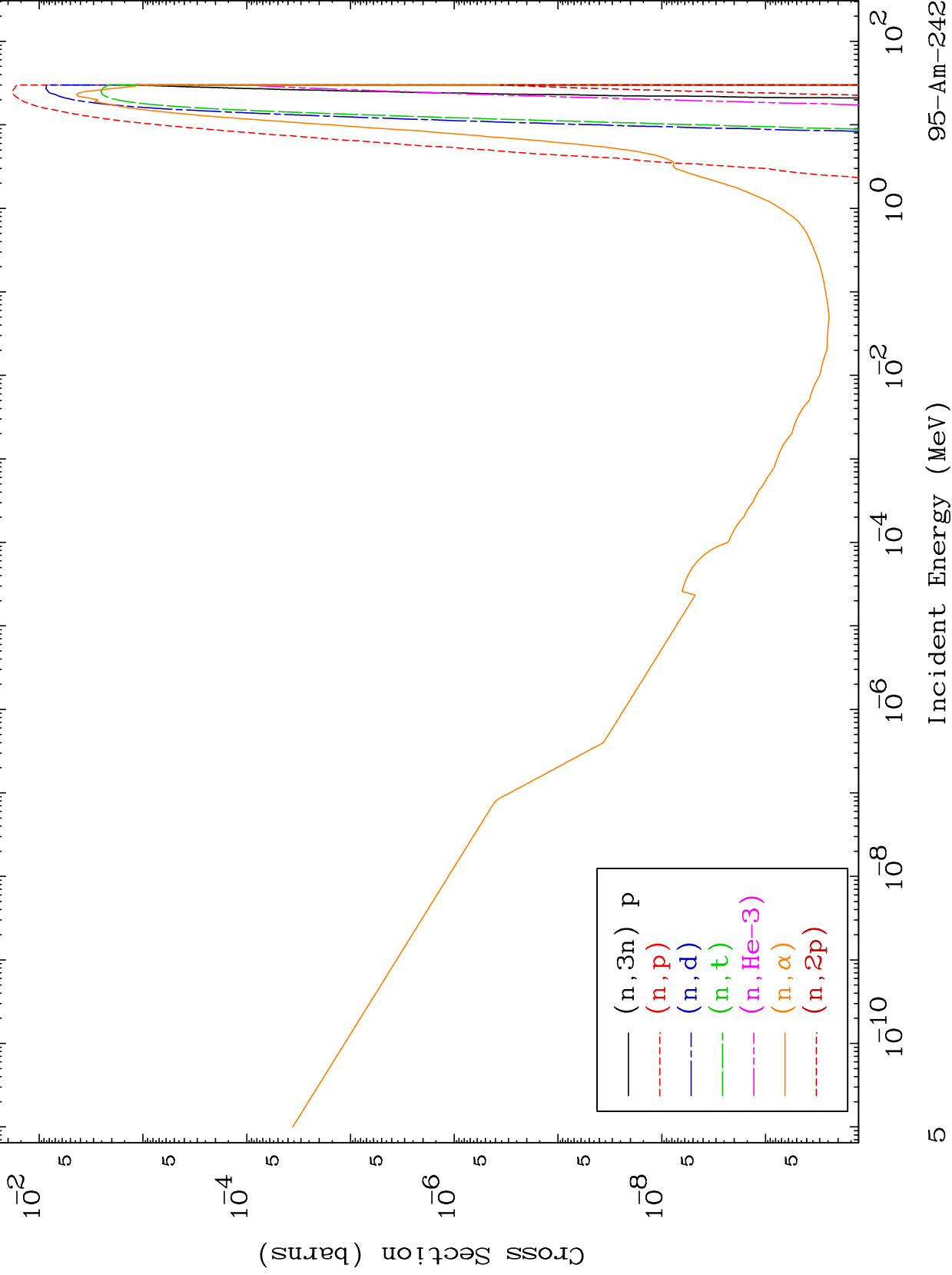
95-Am-242



MAT 9546

Charged Particle
293 Kelvin Cross Sections

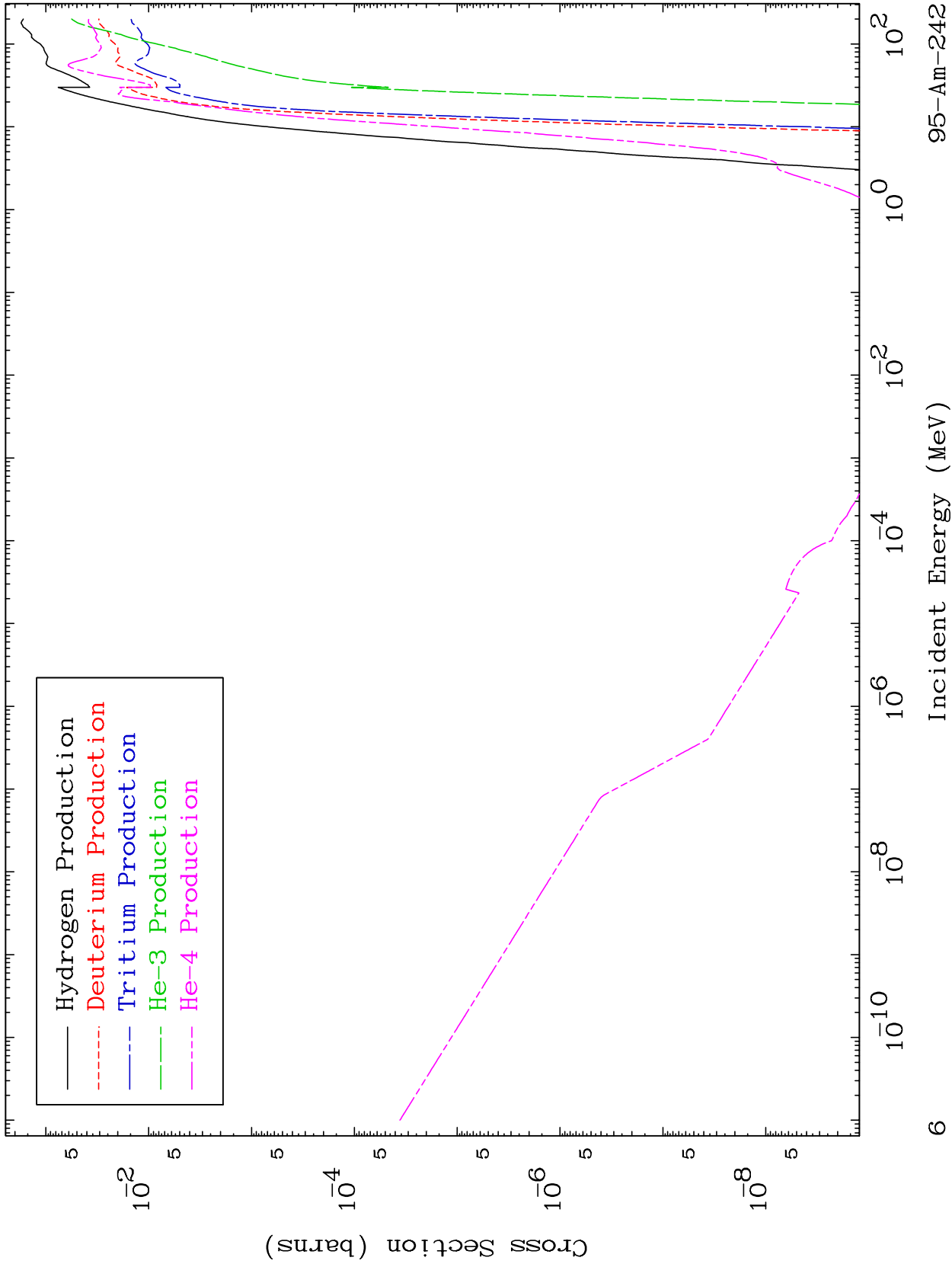
95-Am-242



MAT 9546

Particle Production
293 Kelvin Cross Sections

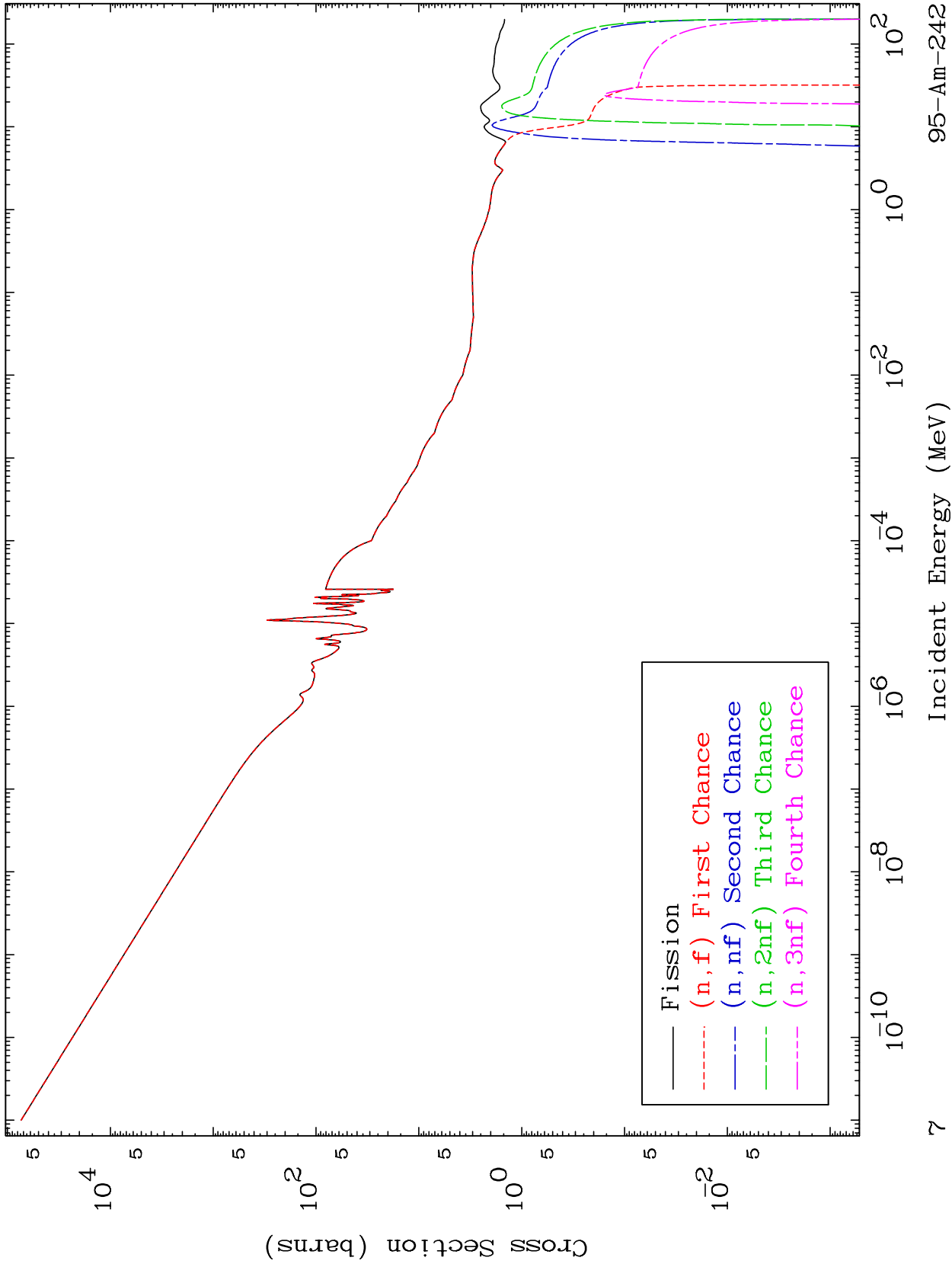
95-Am-242



MAT 9546

Fission
293 Kelvin Cross Sections

95-Am-242

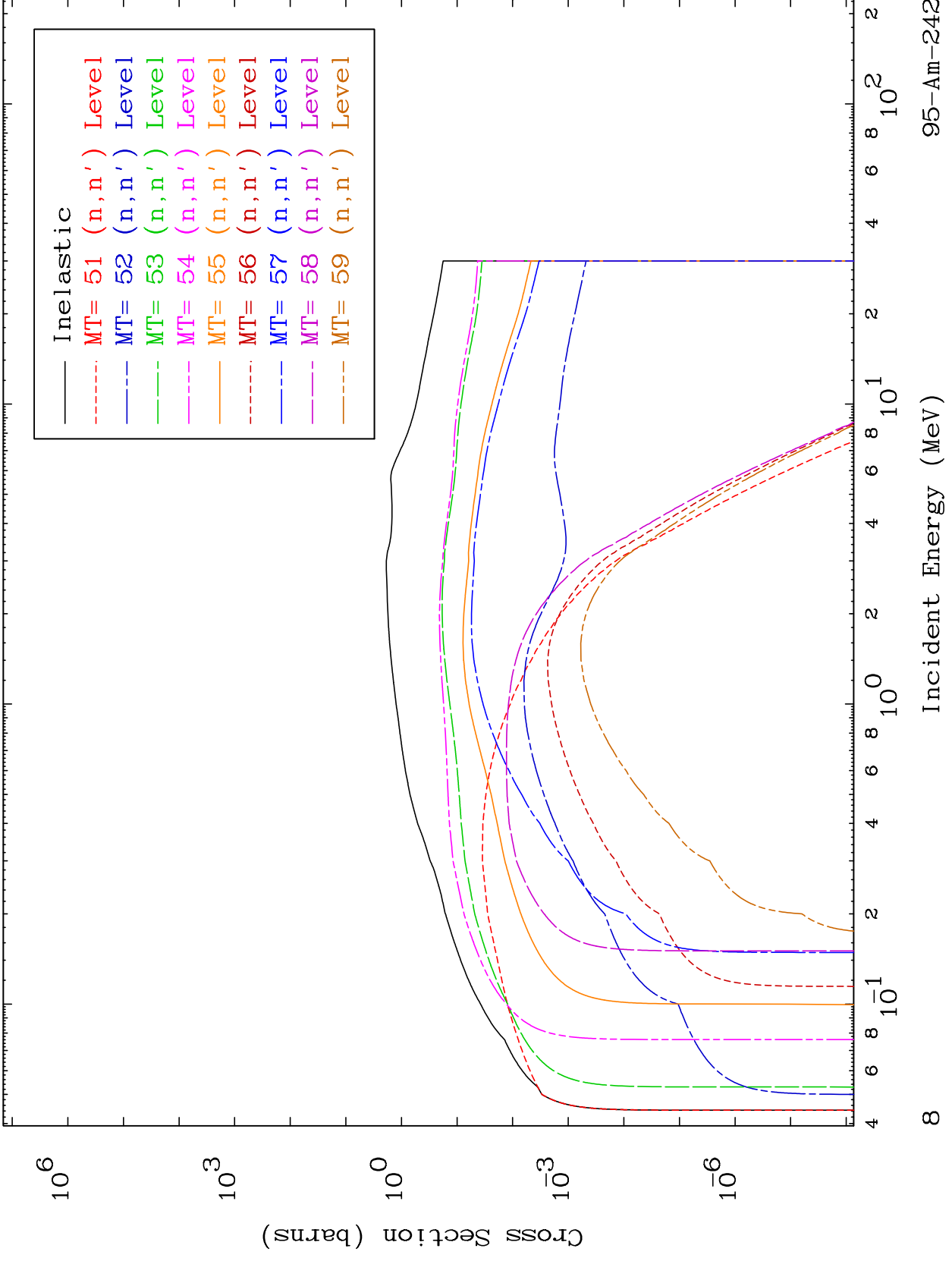


MAT 9546

(n,n') Level

95-Am-242

293 Kelvin Cross Sections

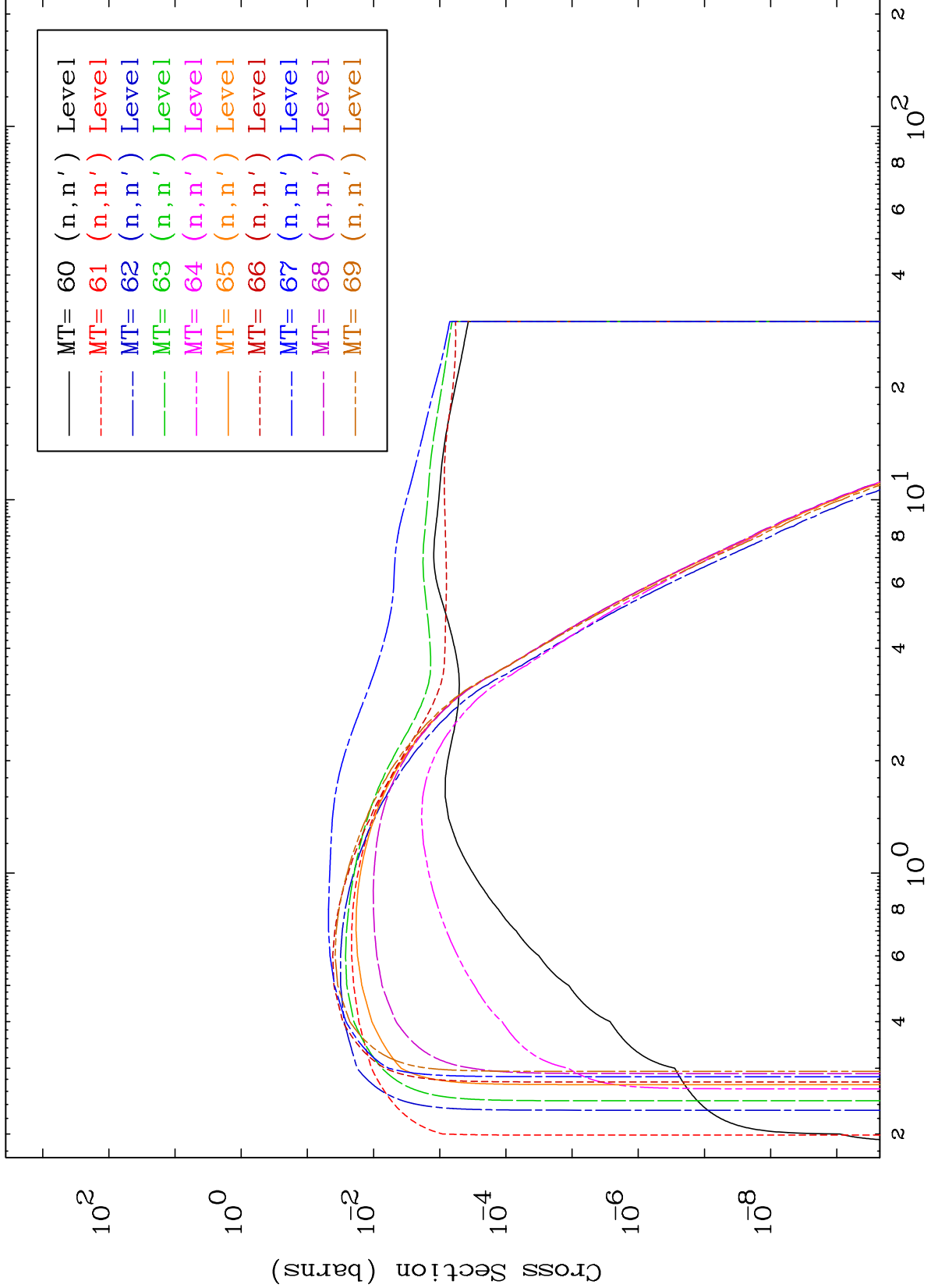


MAT 9546

(n,n') Level

293 Kelvin Cross Sections

95-Am-242



9

Incident Energy (MeV)

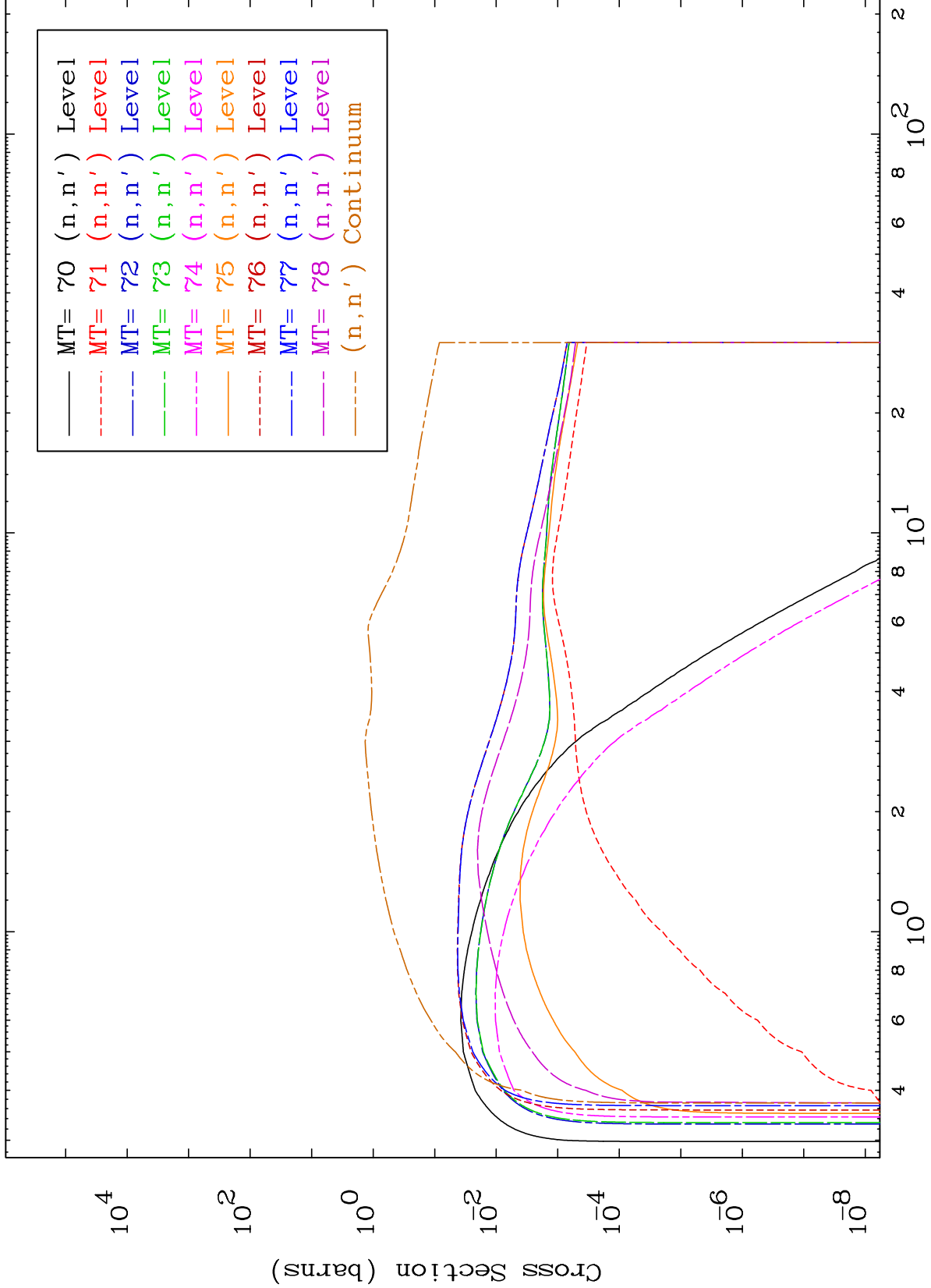
95-Am-242

MAT 9546

(n,n') Level

95-Am-242

293 Kelvin Cross Sections



10

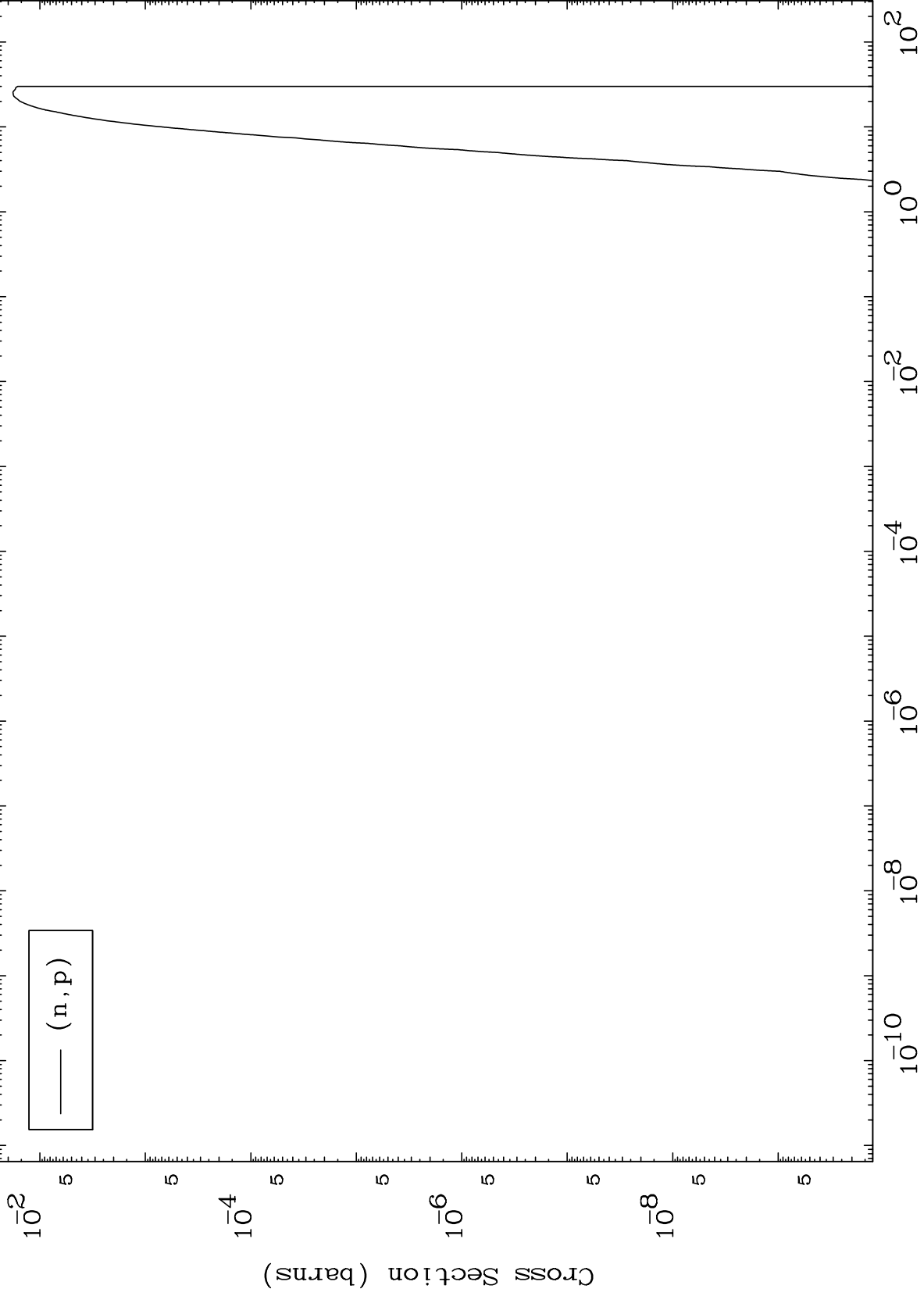
Incident Energy (MeV)

95-Am-242

MAT 9546

(n,p) Levels
293 Kelvin Cross Sections

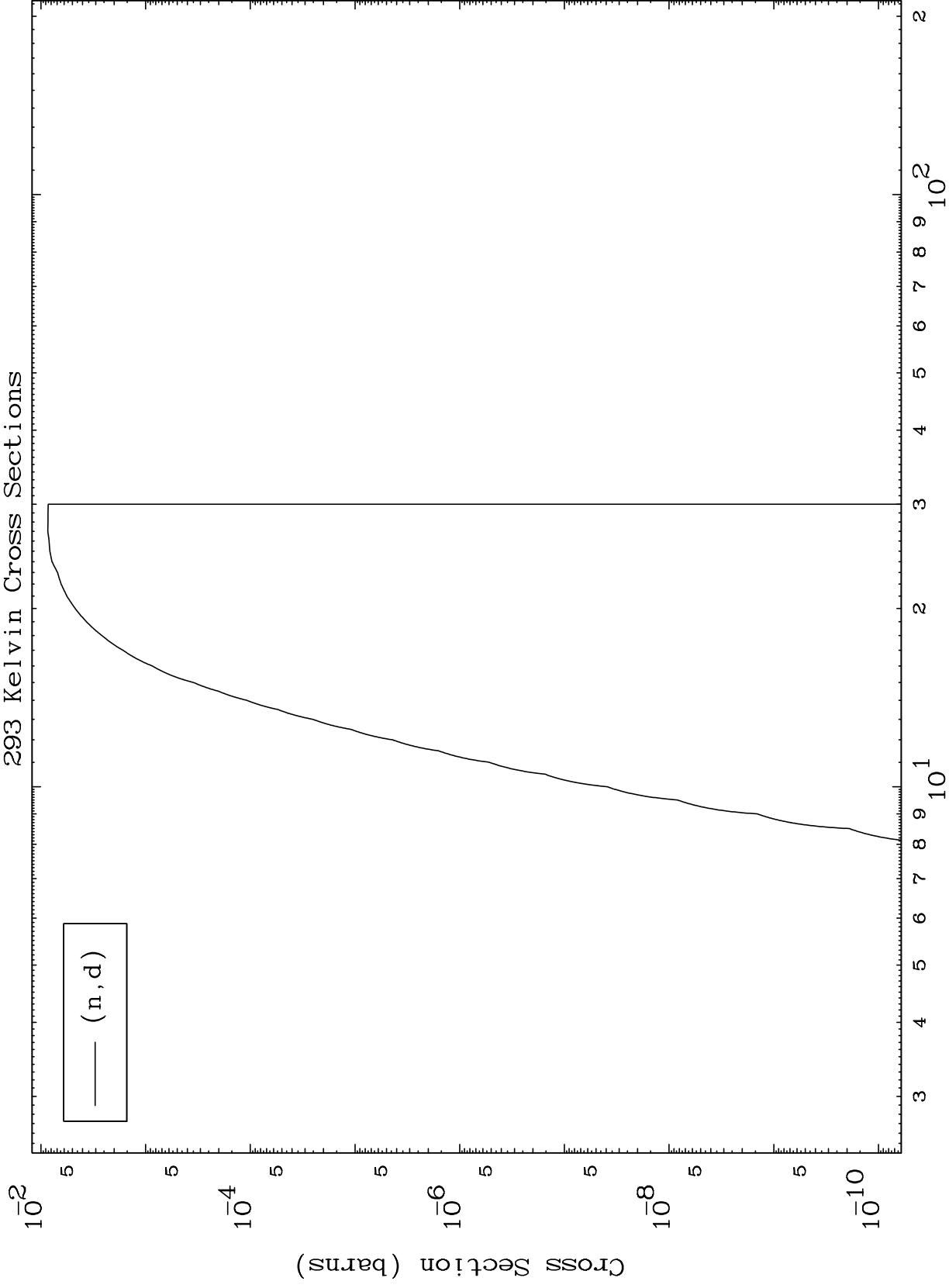
95-Am-242



MAT 9546

(n,d) Levels
293 Kelvin Cross Sections

95-Am-242



12

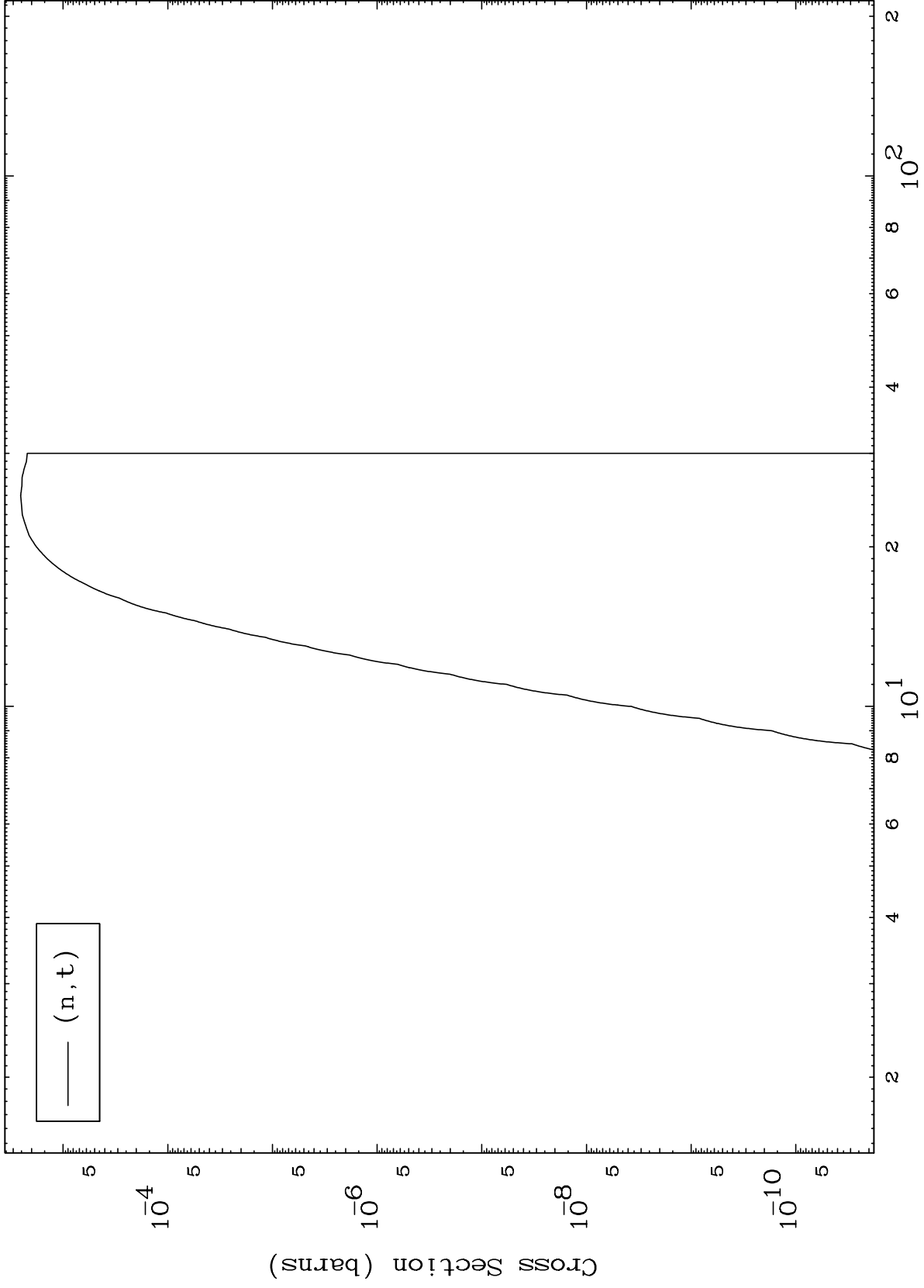
Incident Energy (MeV)

95-Am-242

MAT 9546

(n,t) Levels
293 Kelvin Cross Sections

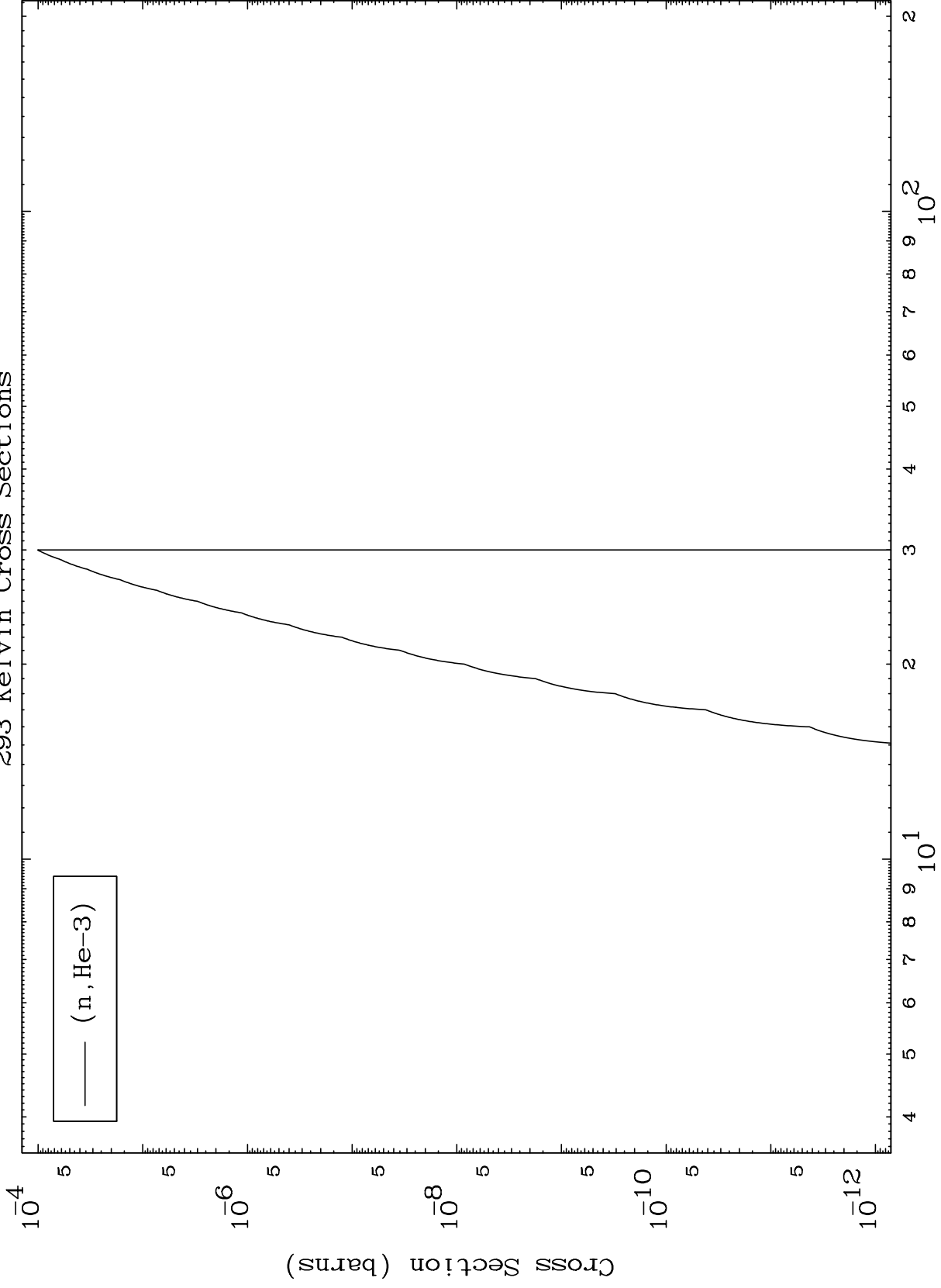
95-Am-242



MAT 9546

(n,He3) Levels
293 Kelvin Cross Sections

95-Am-242



14

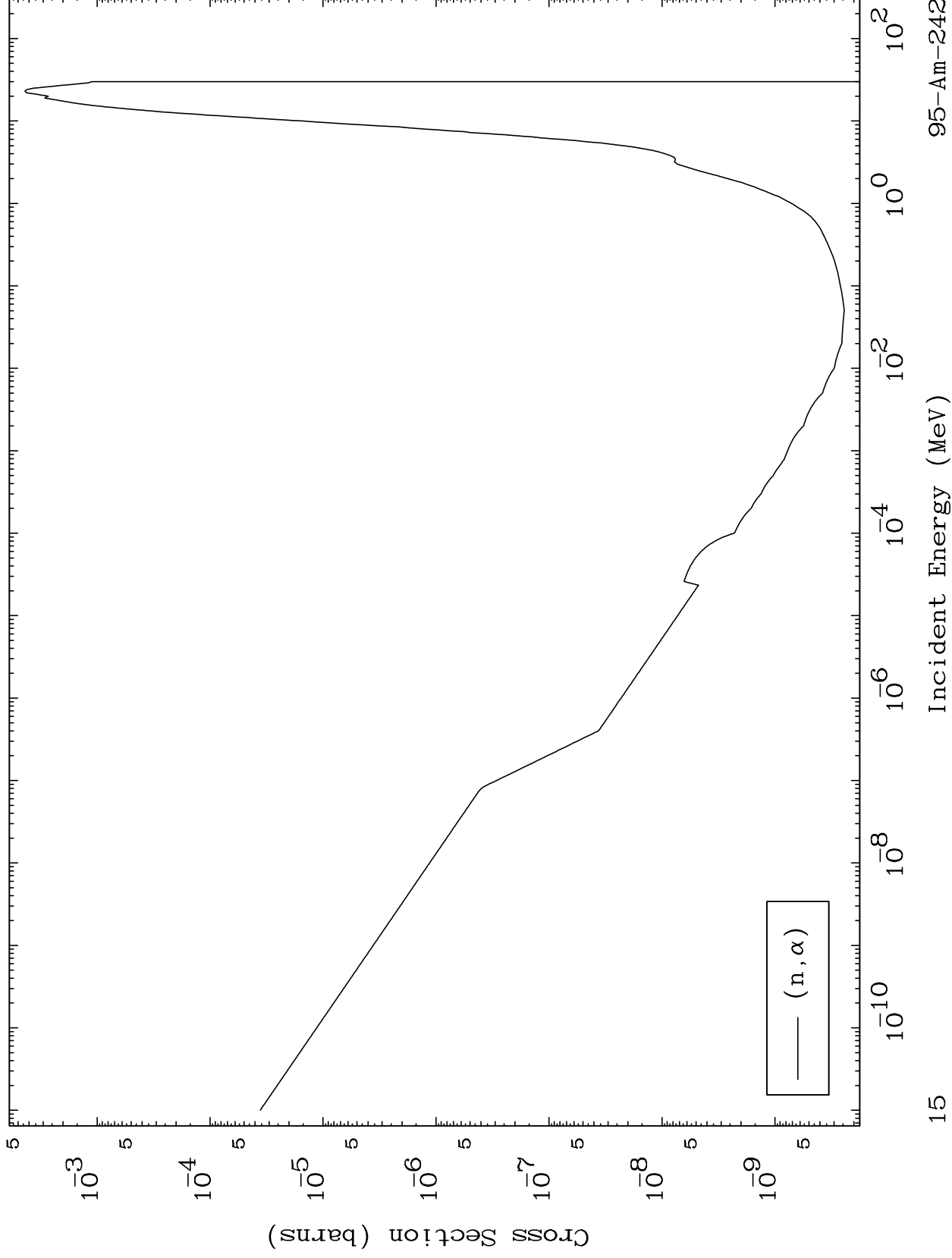
Incident Energy (MeV)

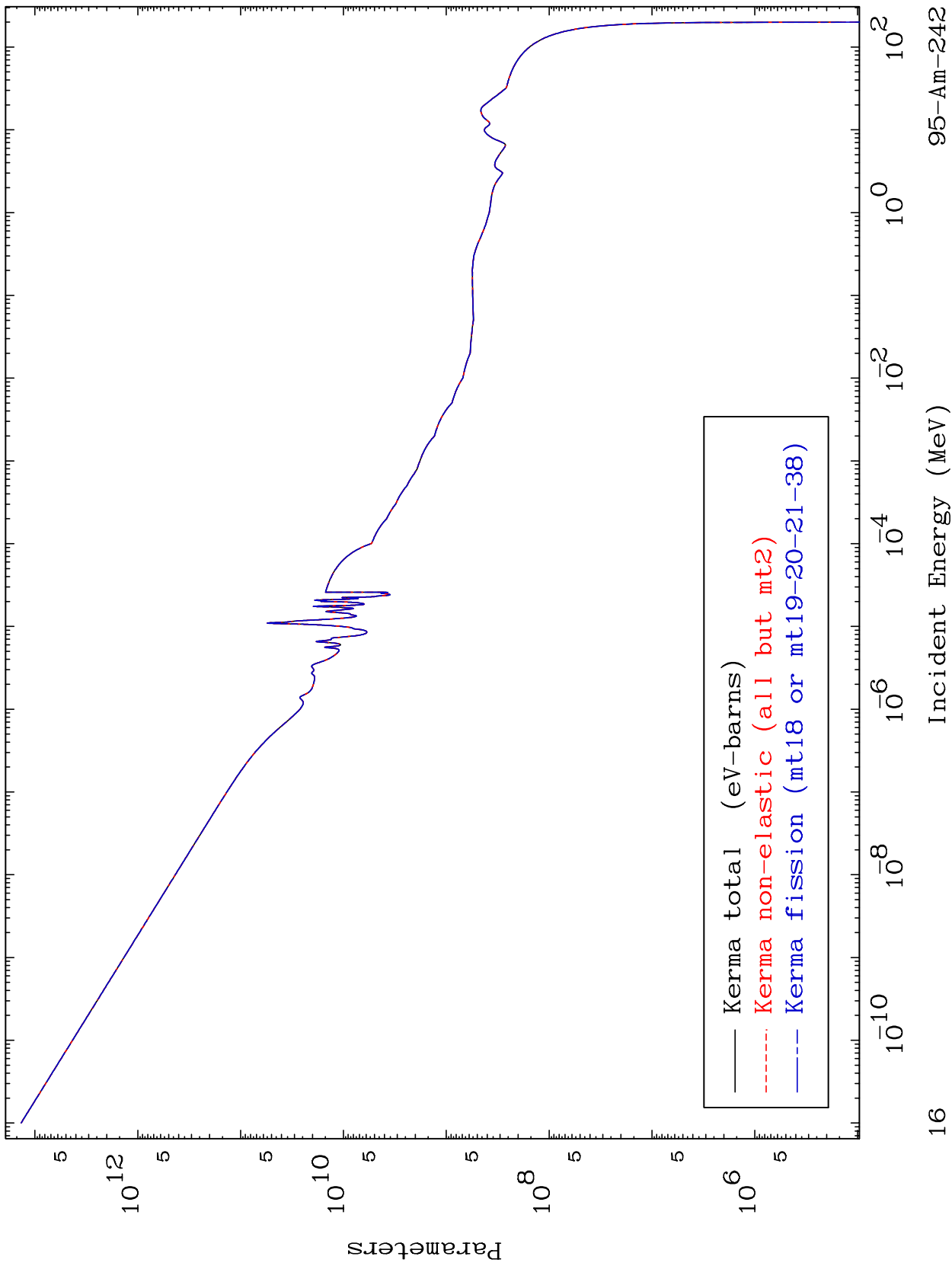
95-Am-242

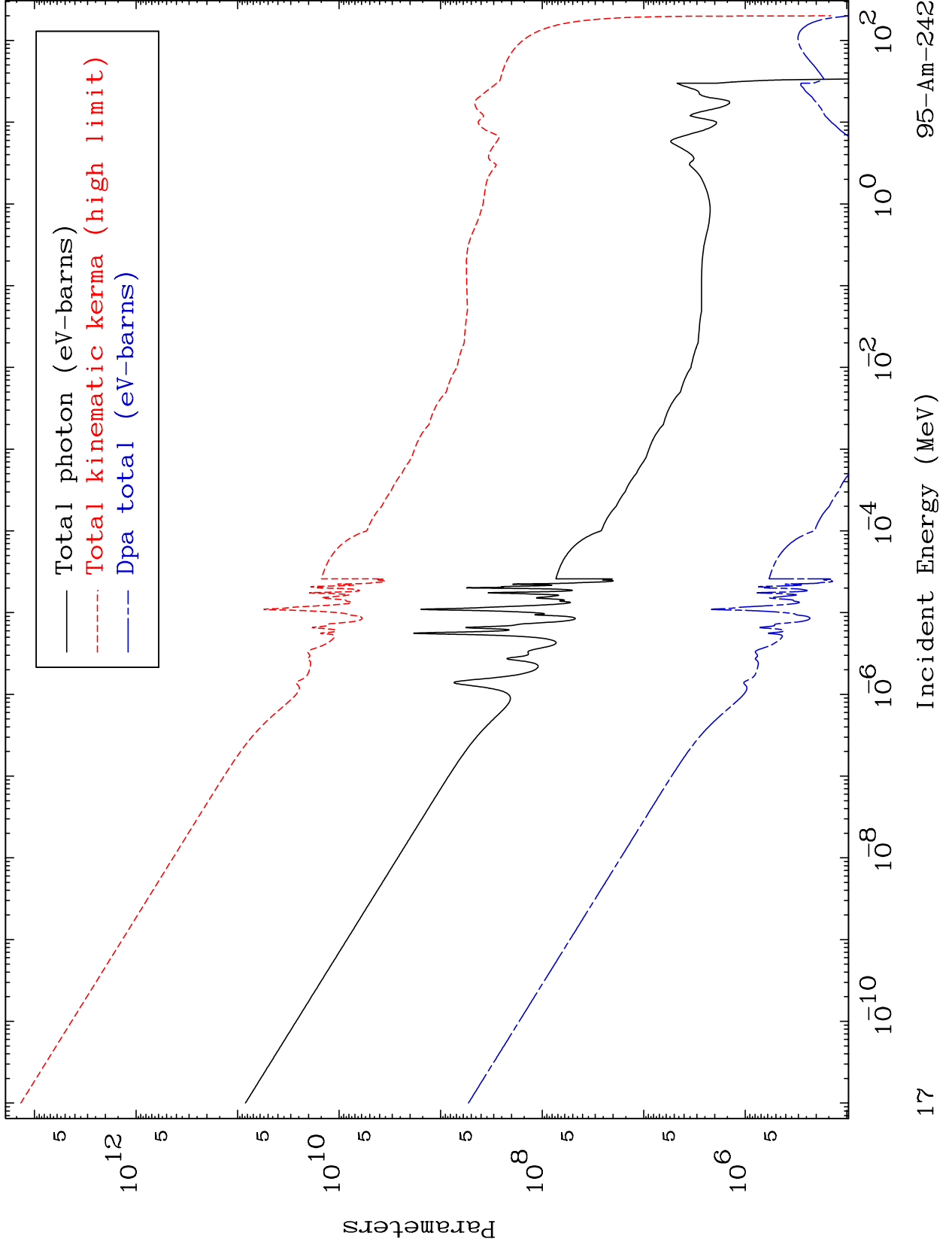
MAT 9546

(n, α) Levels
293 Kelvin Cross Sections

95-Am-242



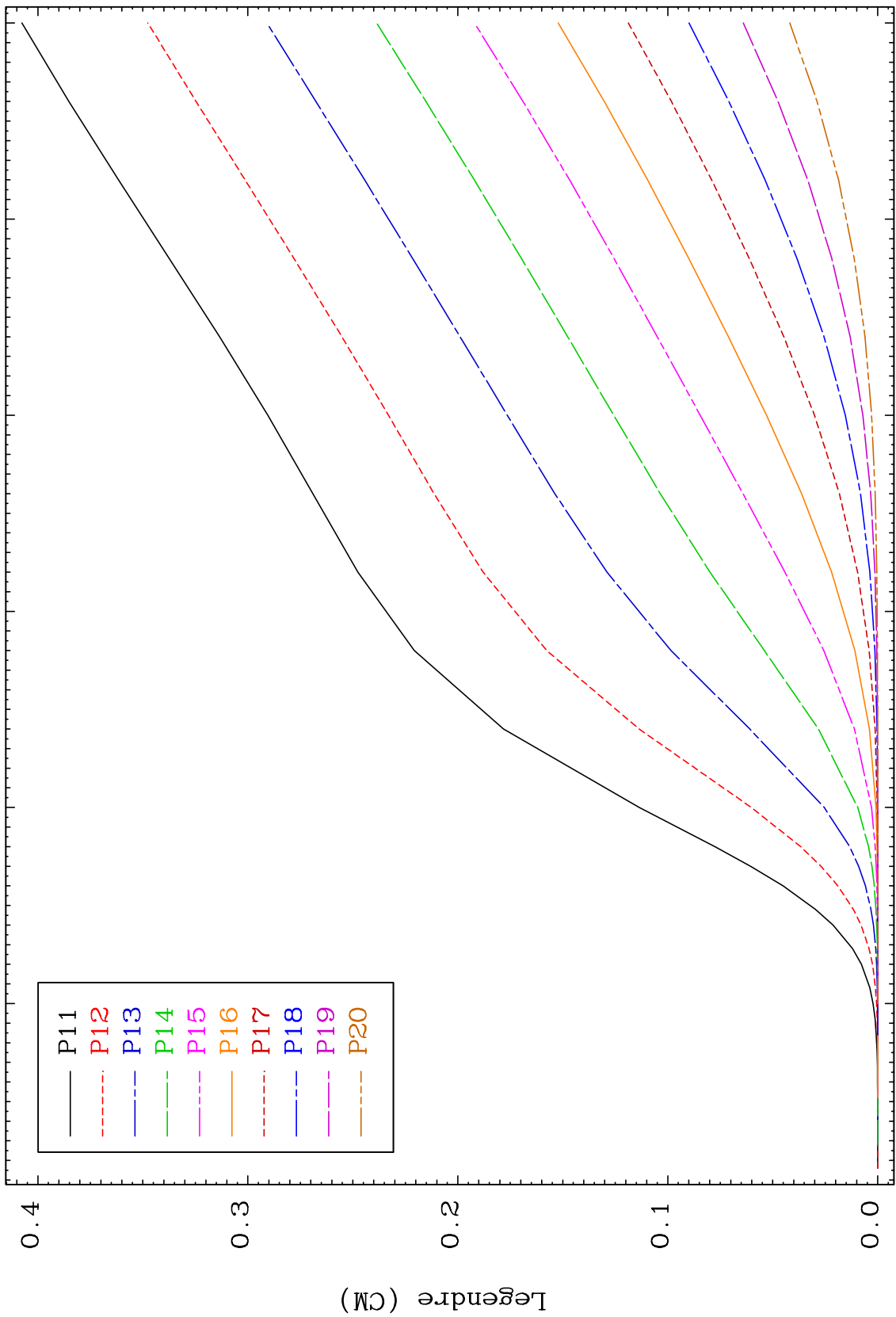




MAT 9546

Elastic Legendre Coefficients

95-Am-242



19

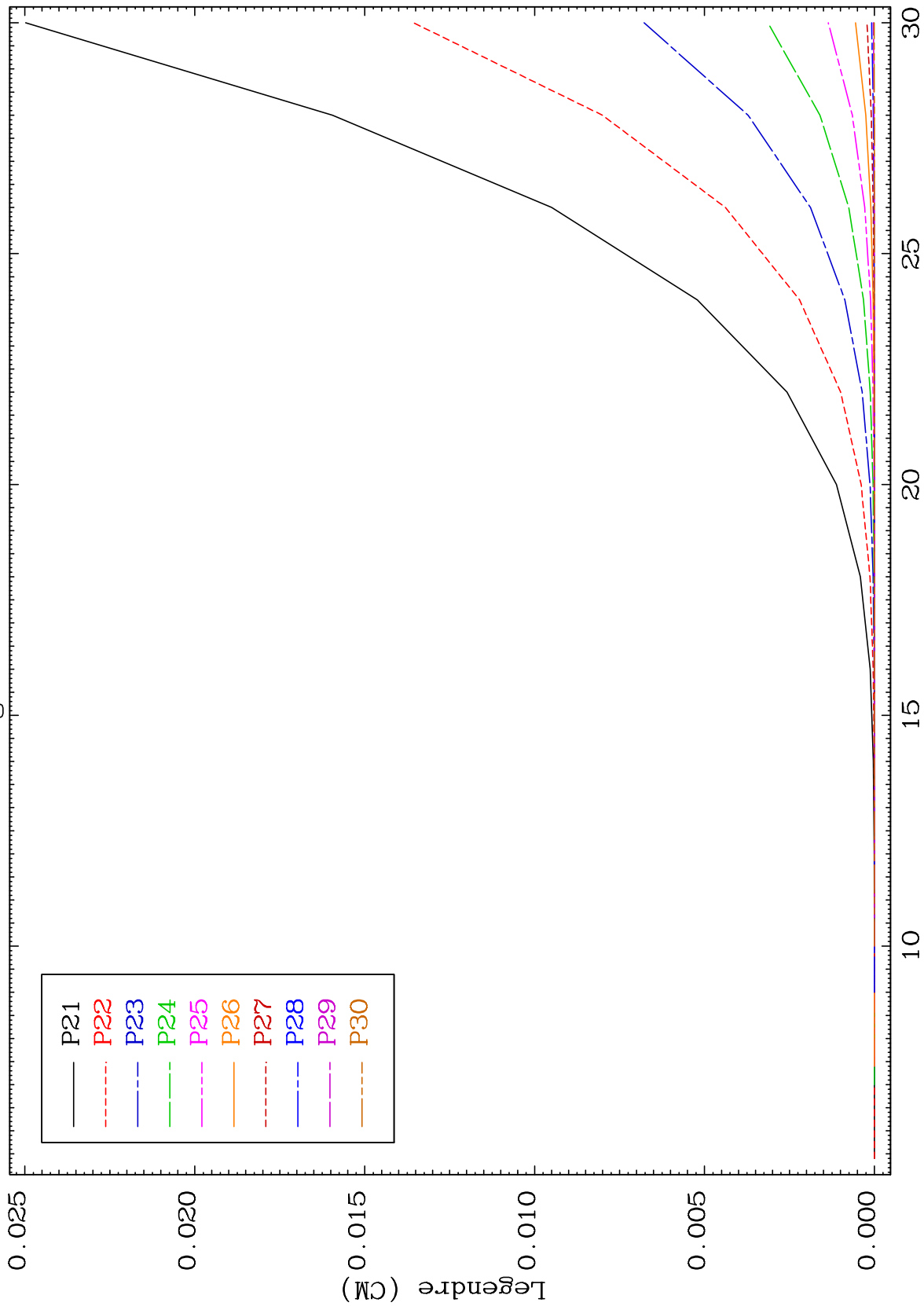
Incident Energy (MeV)

95-Am-242

MAT 9546

Elastic
Legendre Coefficients

95-Am-242



20

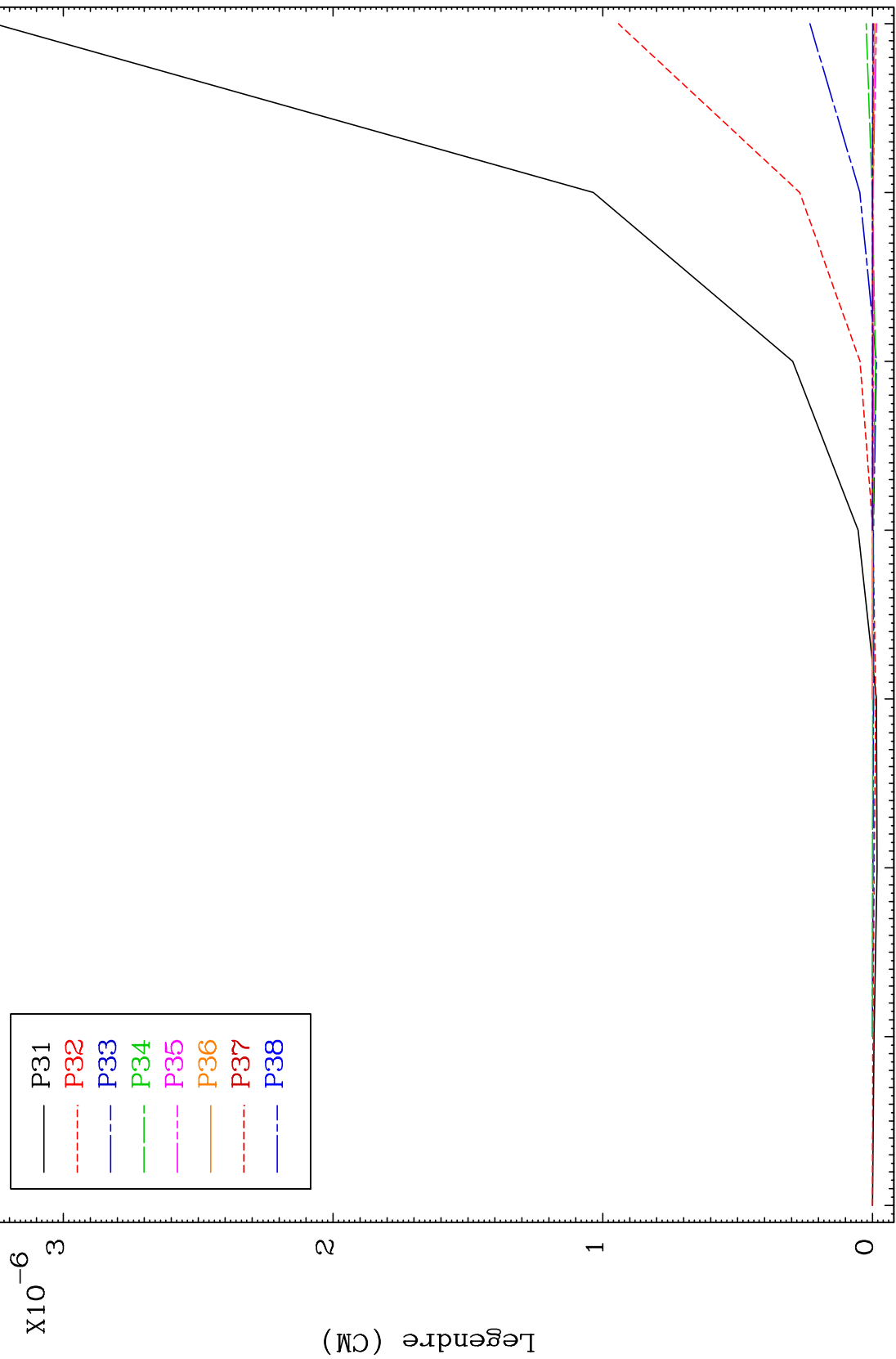
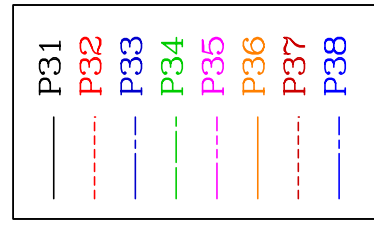
Incident Energy (MeV)

95-Am-242

MAT 9546

Elastic Legendre Coefficients

95-Am-242



95-Am-242

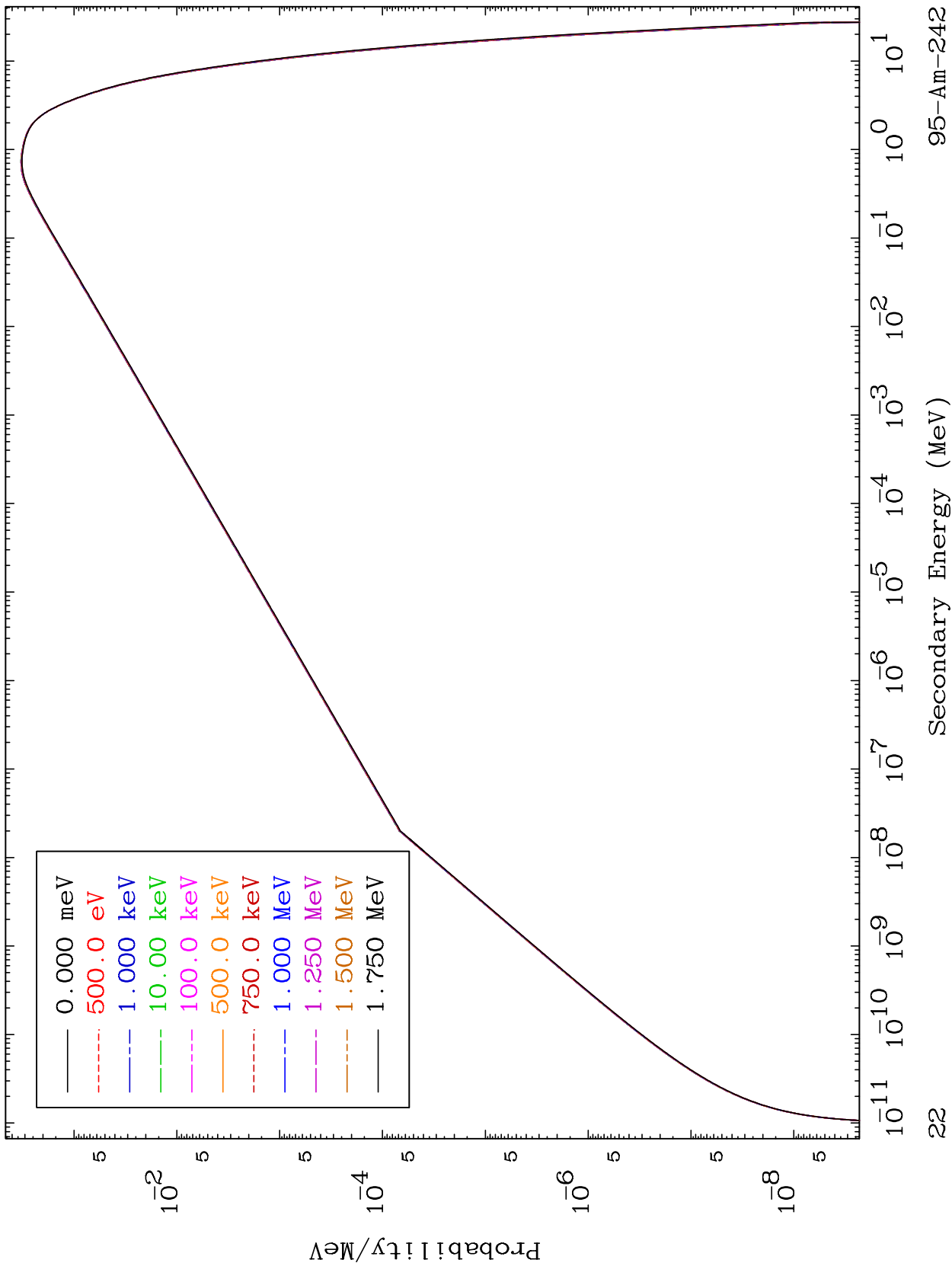
Incident Energy (MeV)

21

MAT 9546

Fission Energy Distribution

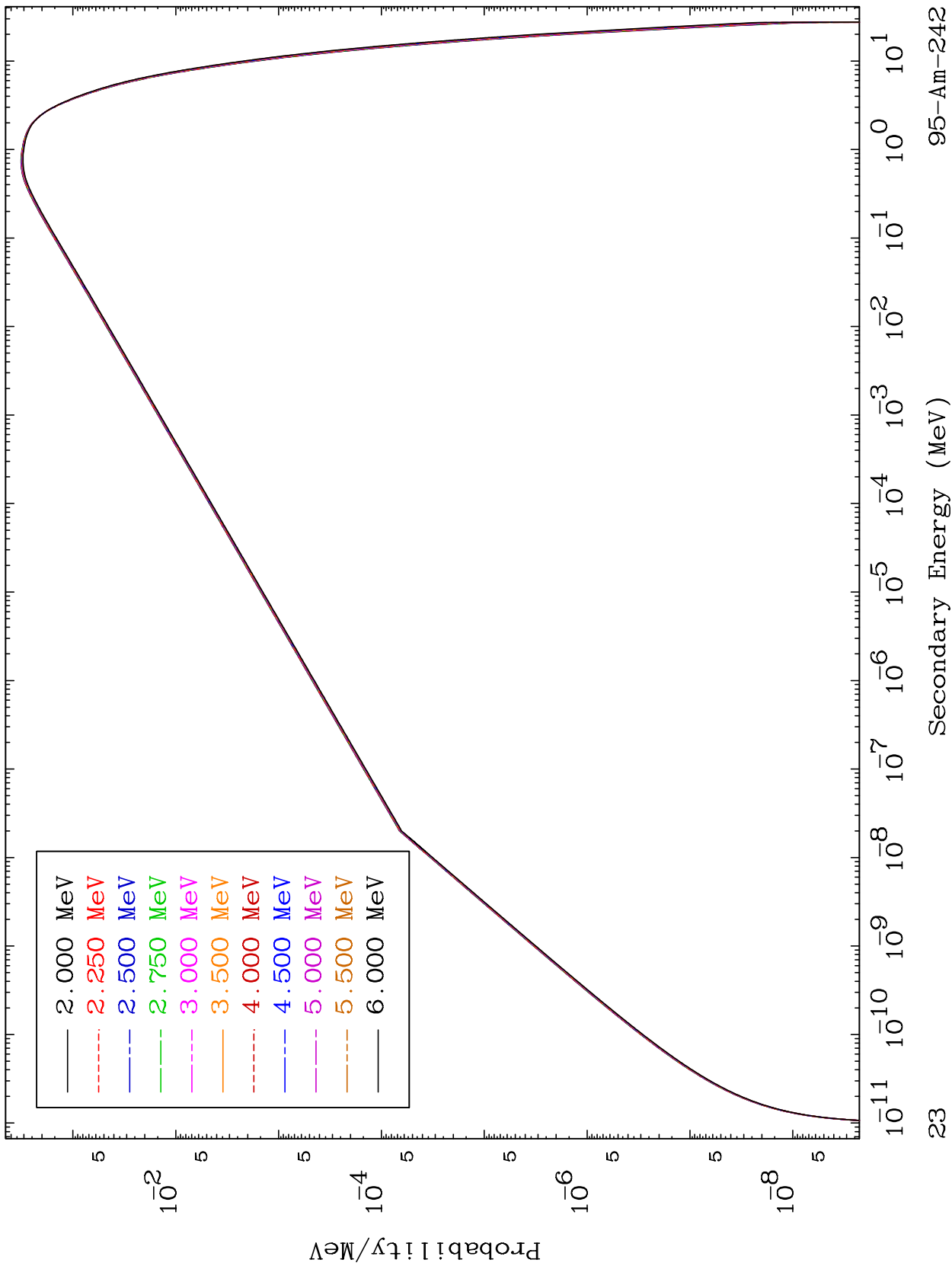
95-Am-242



MAT 9546

Fission Energy Distribution

95-Am-242



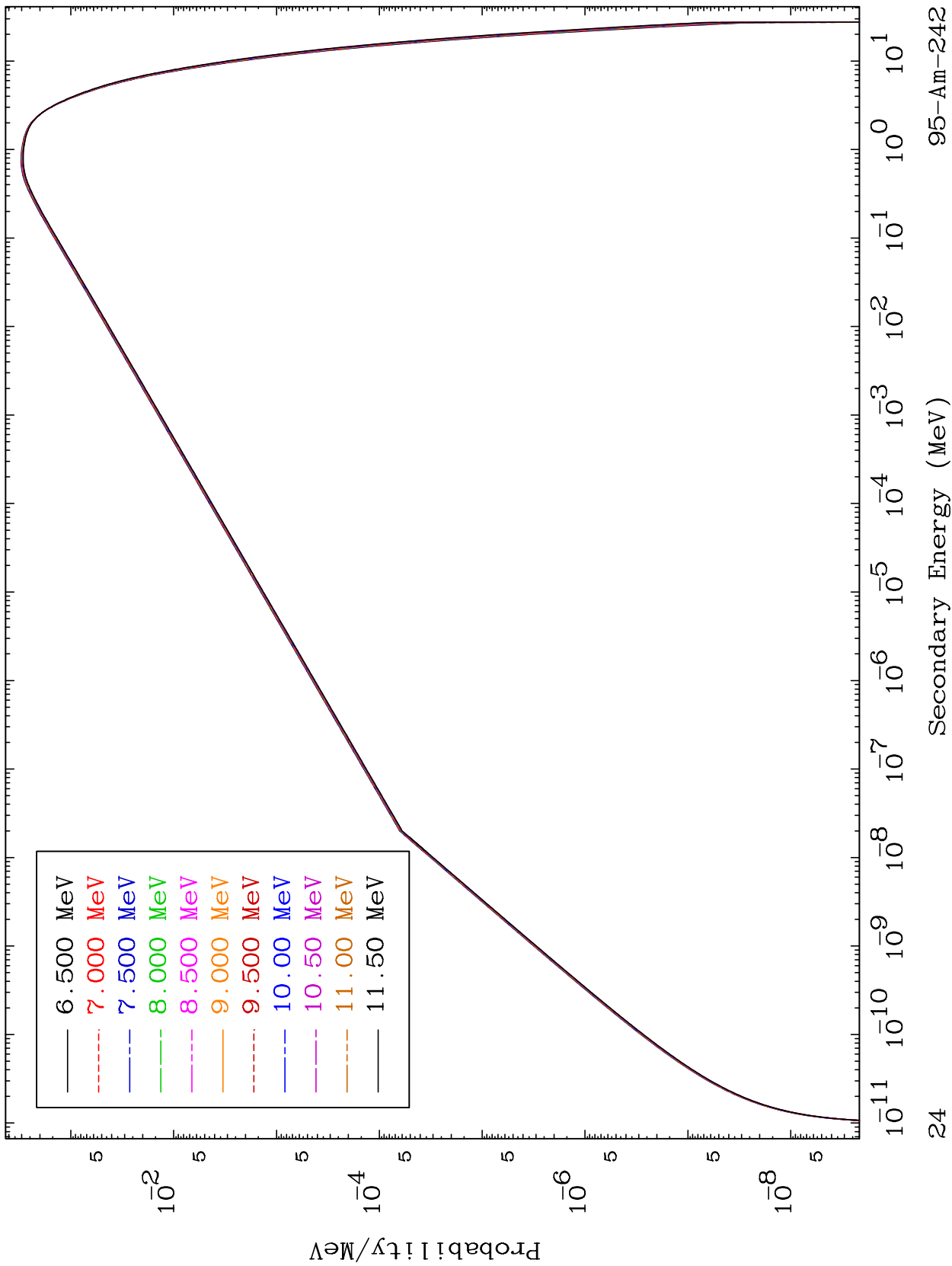
95-Am-242

Secondary Energy (MeV)

MAT 9546

Fission Energy Distribution

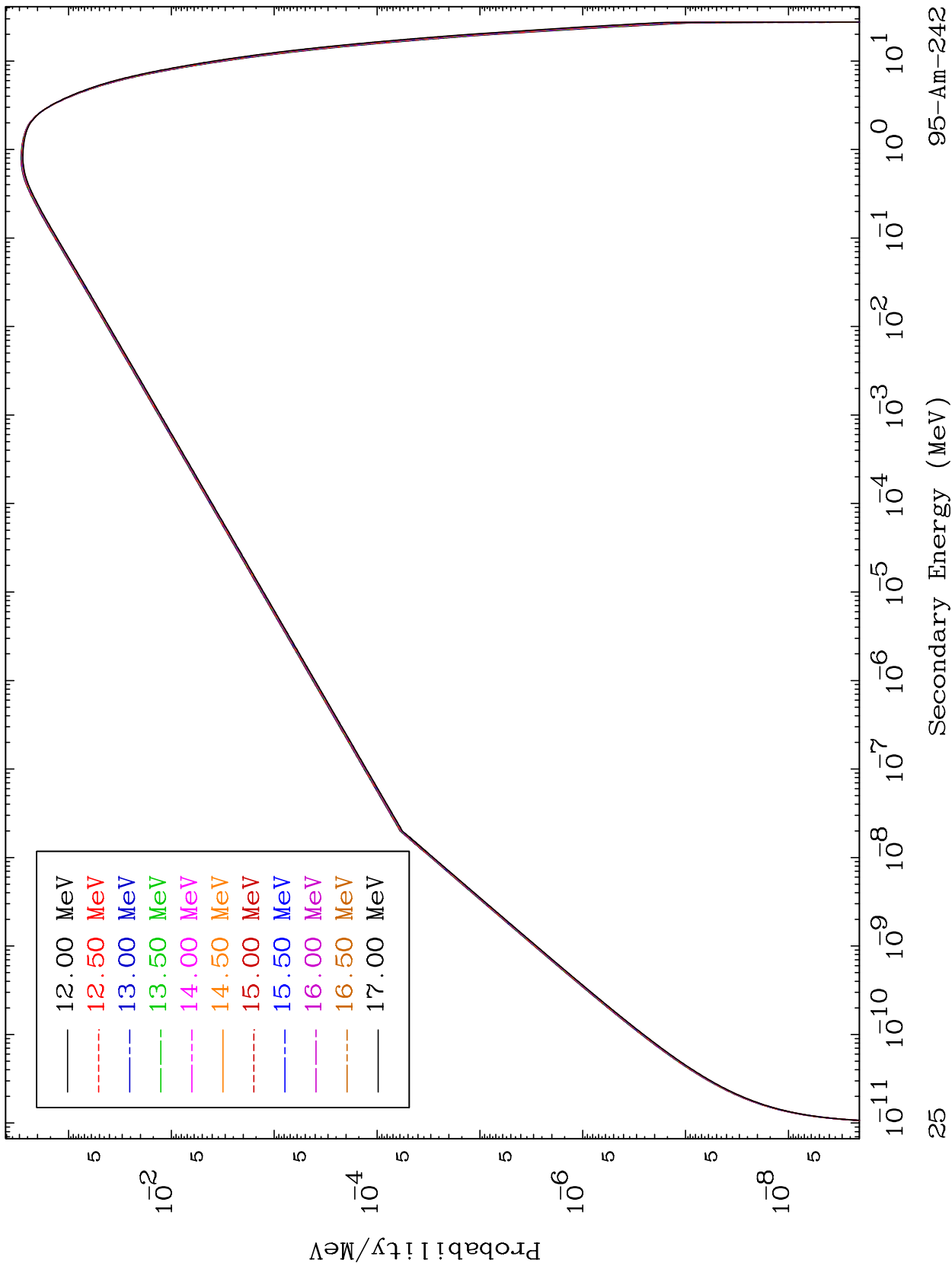
95-Am-242



MAT 9546

Fission Energy Distribution

95-Am-242



95-Am-242

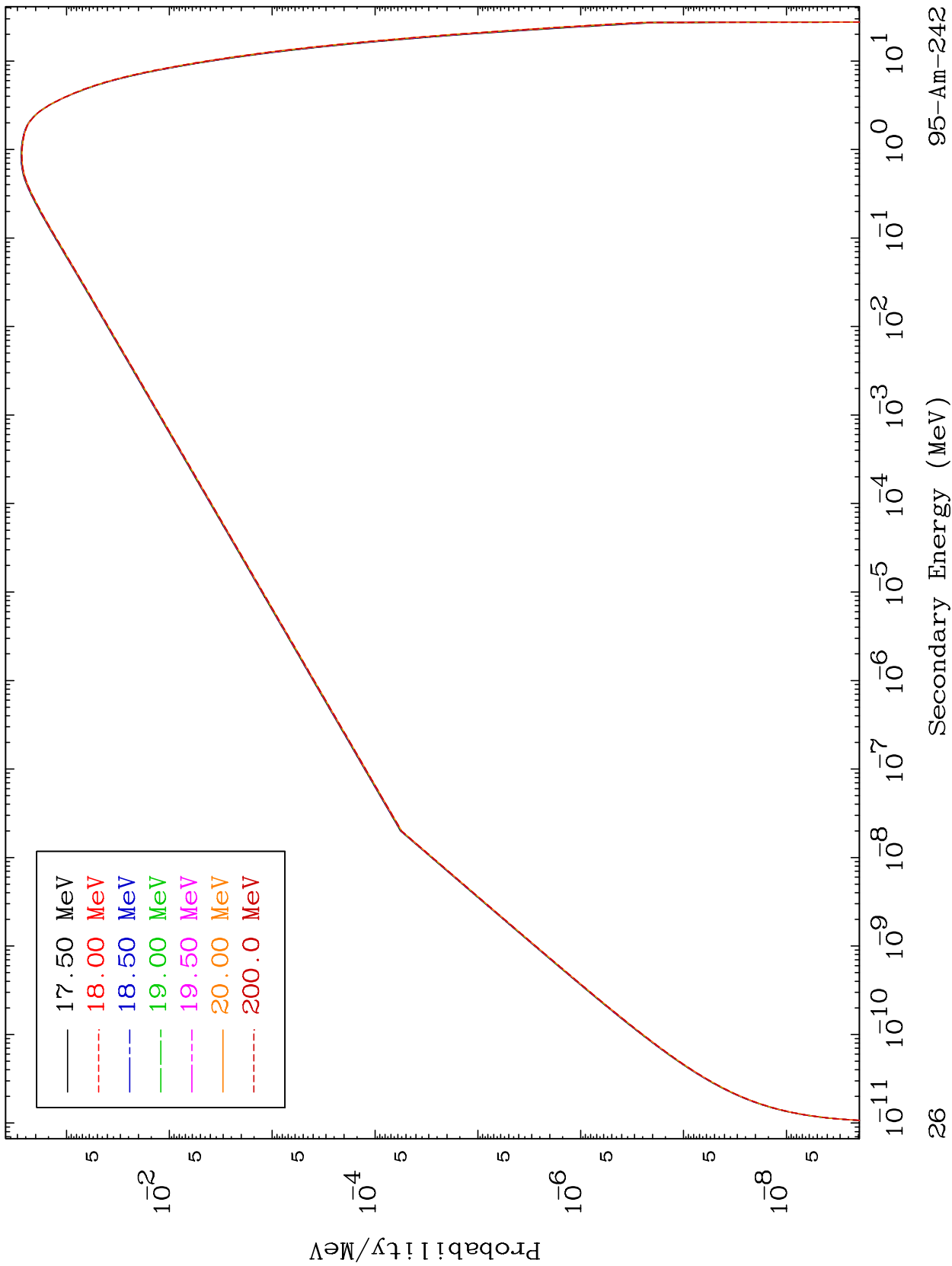
Secondary Energy (MeV)

25

MAT 9546

Fission Energy Distribution

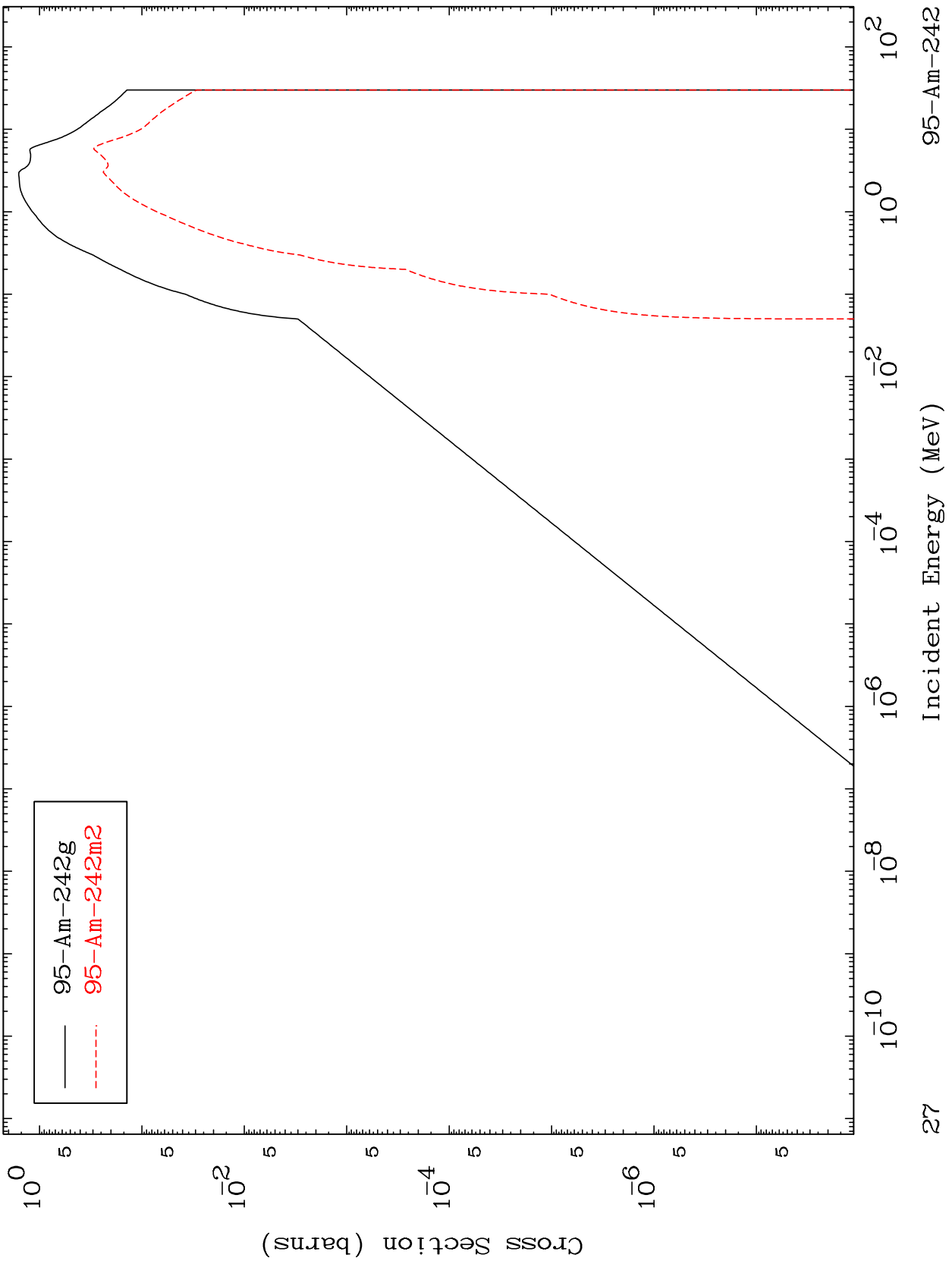
95-Am-242



MAT 9546

Inelastic
Radionuclide Production Cross Section

95-Am-242

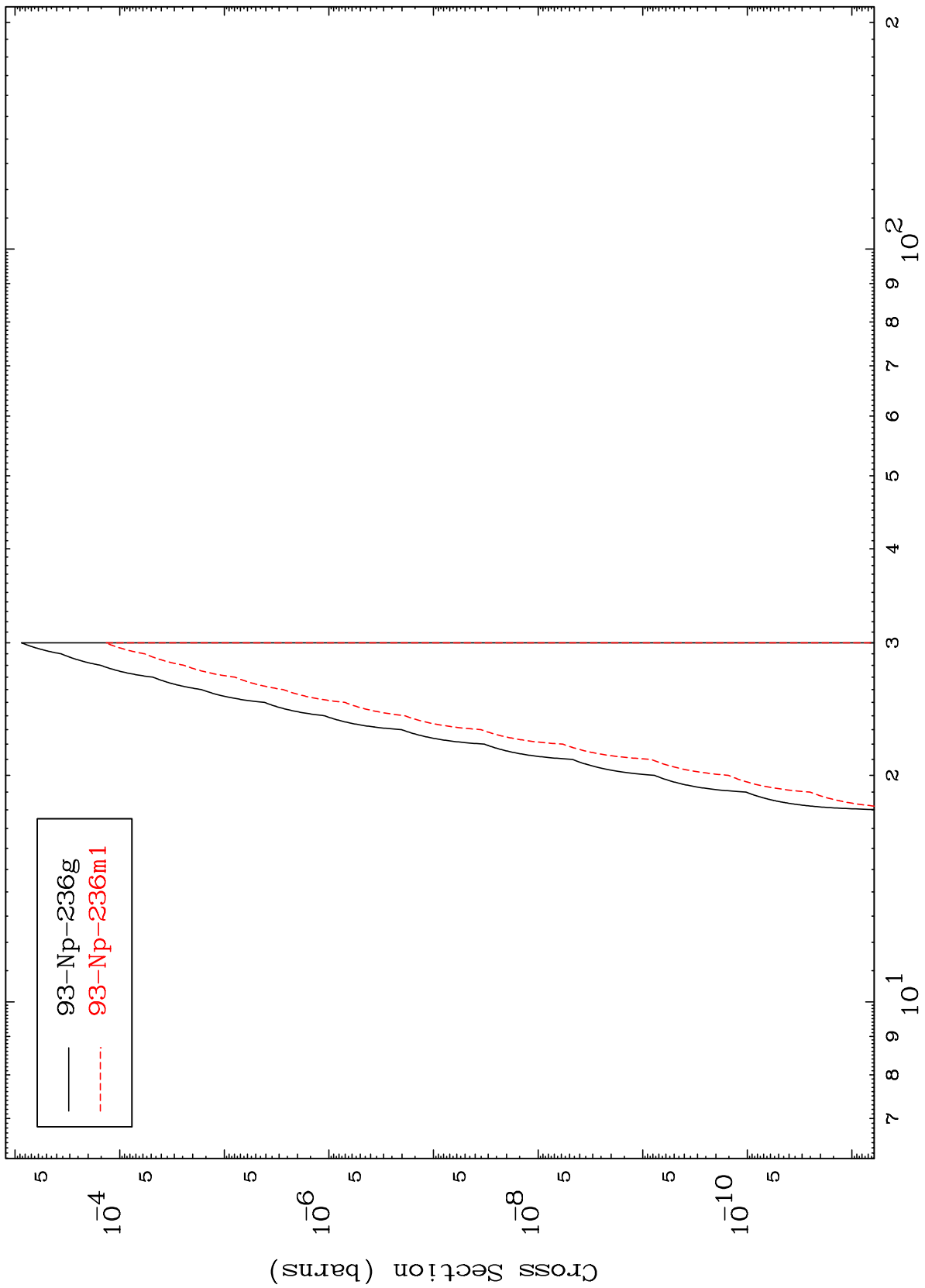


MAT 9546

(n,3n) α

95-Am-242

Radionuclide Production Cross Section



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

28

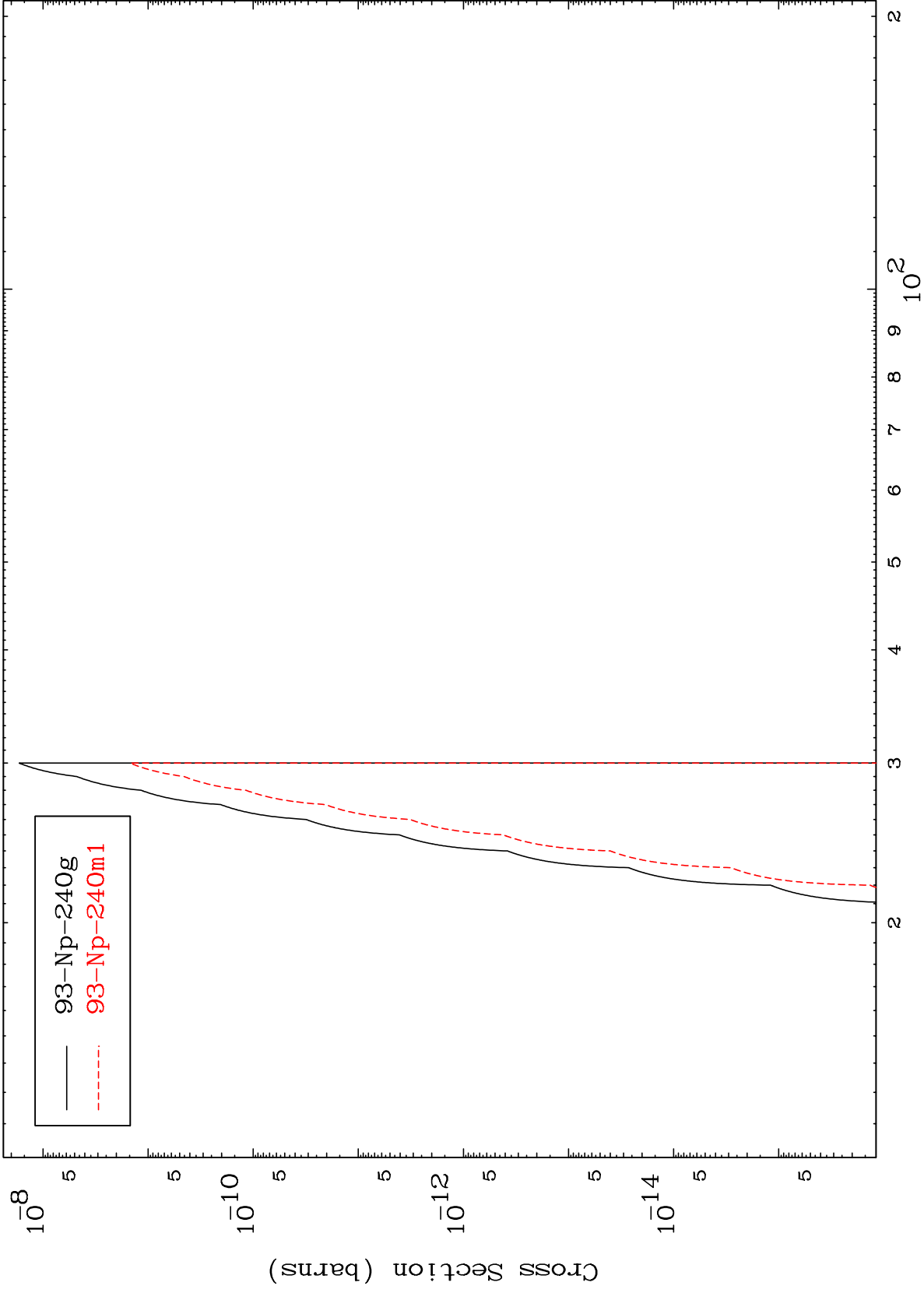
Incident Energy (MeV)

95-Am-242

MAT 9546

95-Am-242

(n,2n) p
Radionuclide Production Cross Section



95-Am-242

Incident Energy (MeV)

29

MAT 9546

(n,He-3)

95-Am-242

