

Program EVALPLOT
(Version 2021-1)

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

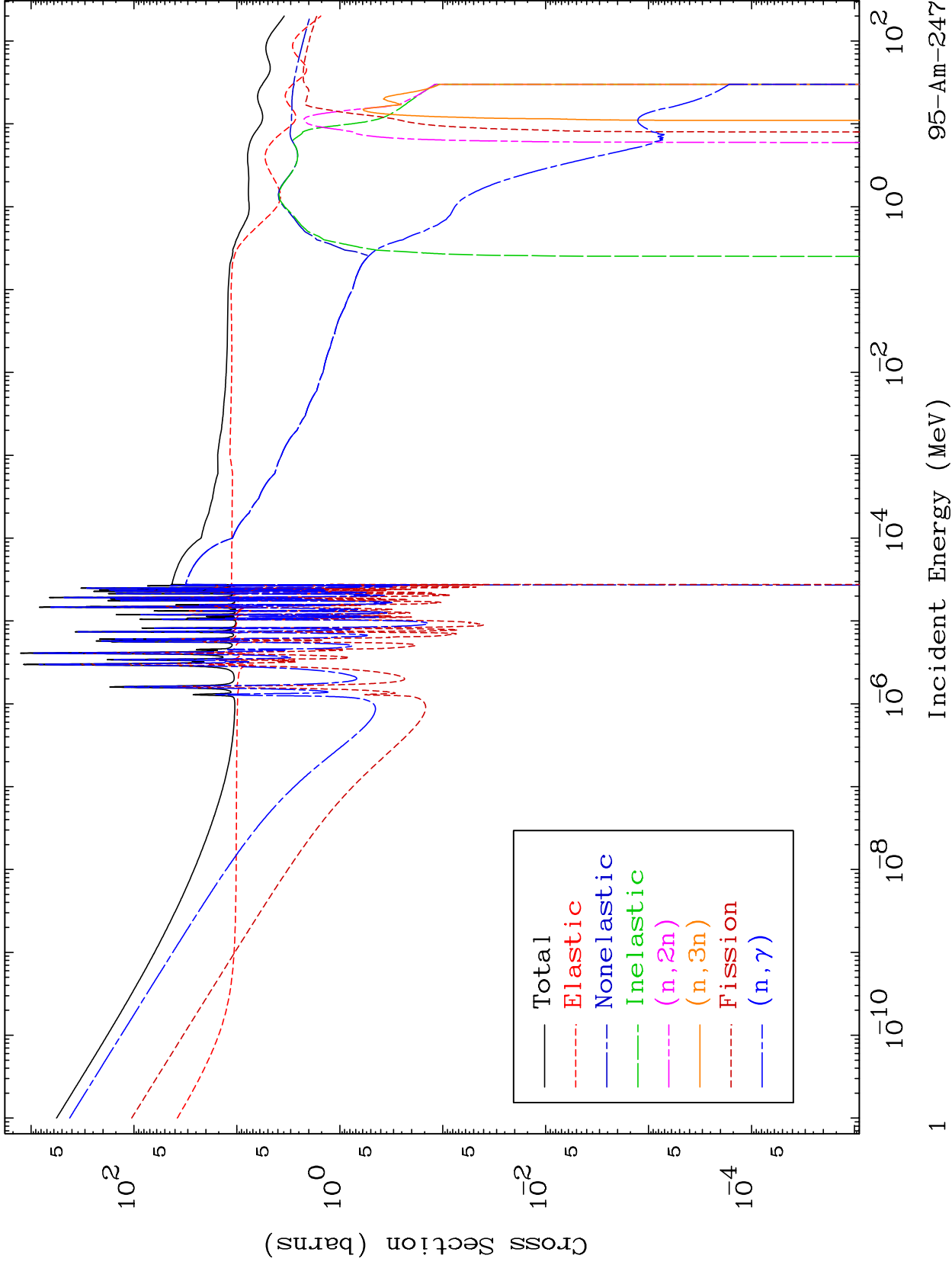
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9561

Neutron Major
293 Kelvin Cross Sections

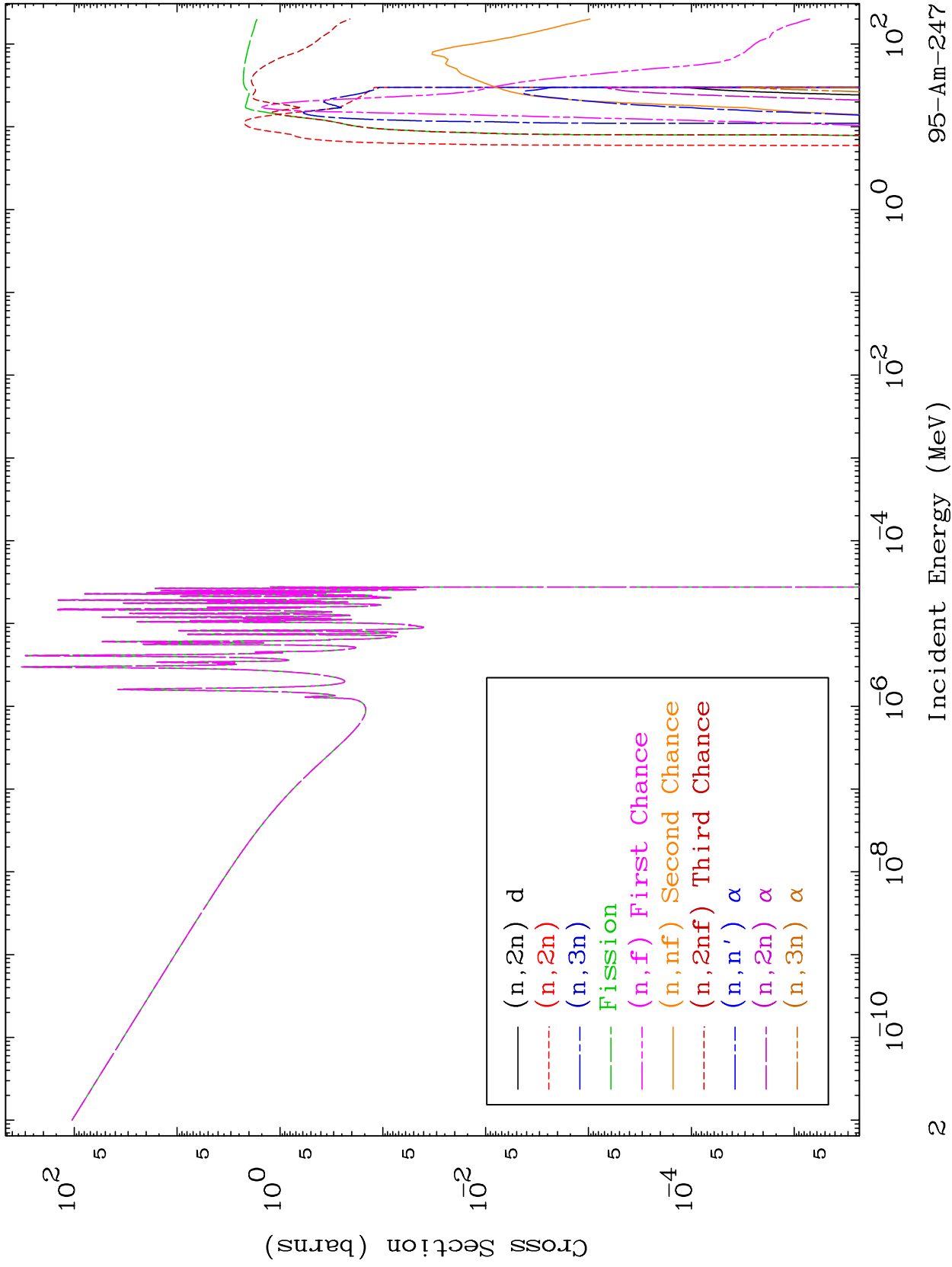
95-Am-247



MAT 9561

Neutron Absorption
293 Kelvin Cross Sections

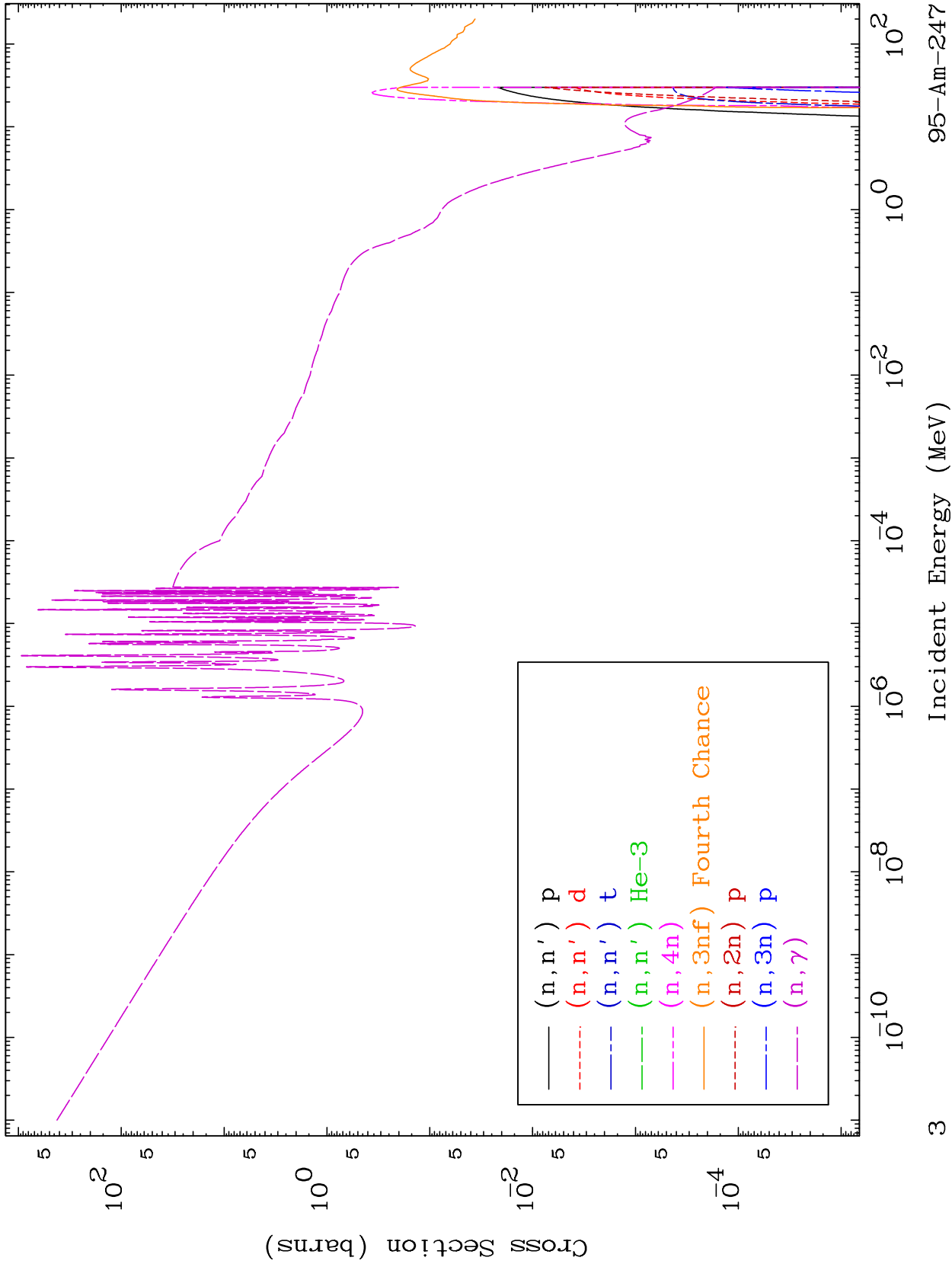
95-Am-247



MAT 9561

Neutron Absorption
293 Kelvin Cross Sections

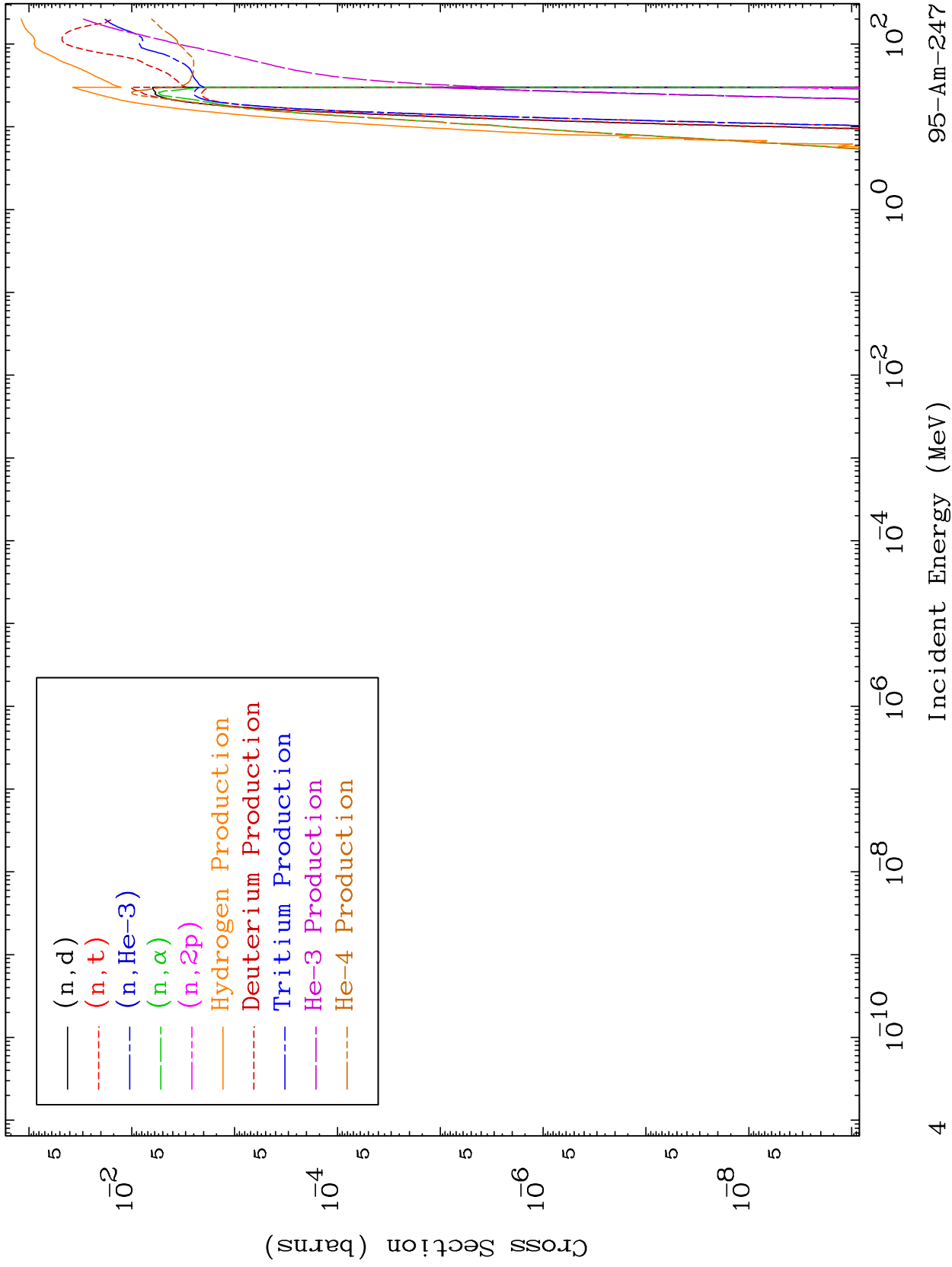
95-Am-247



MAT 9561

Neutron Absorption
293 Kelvin Cross Sections

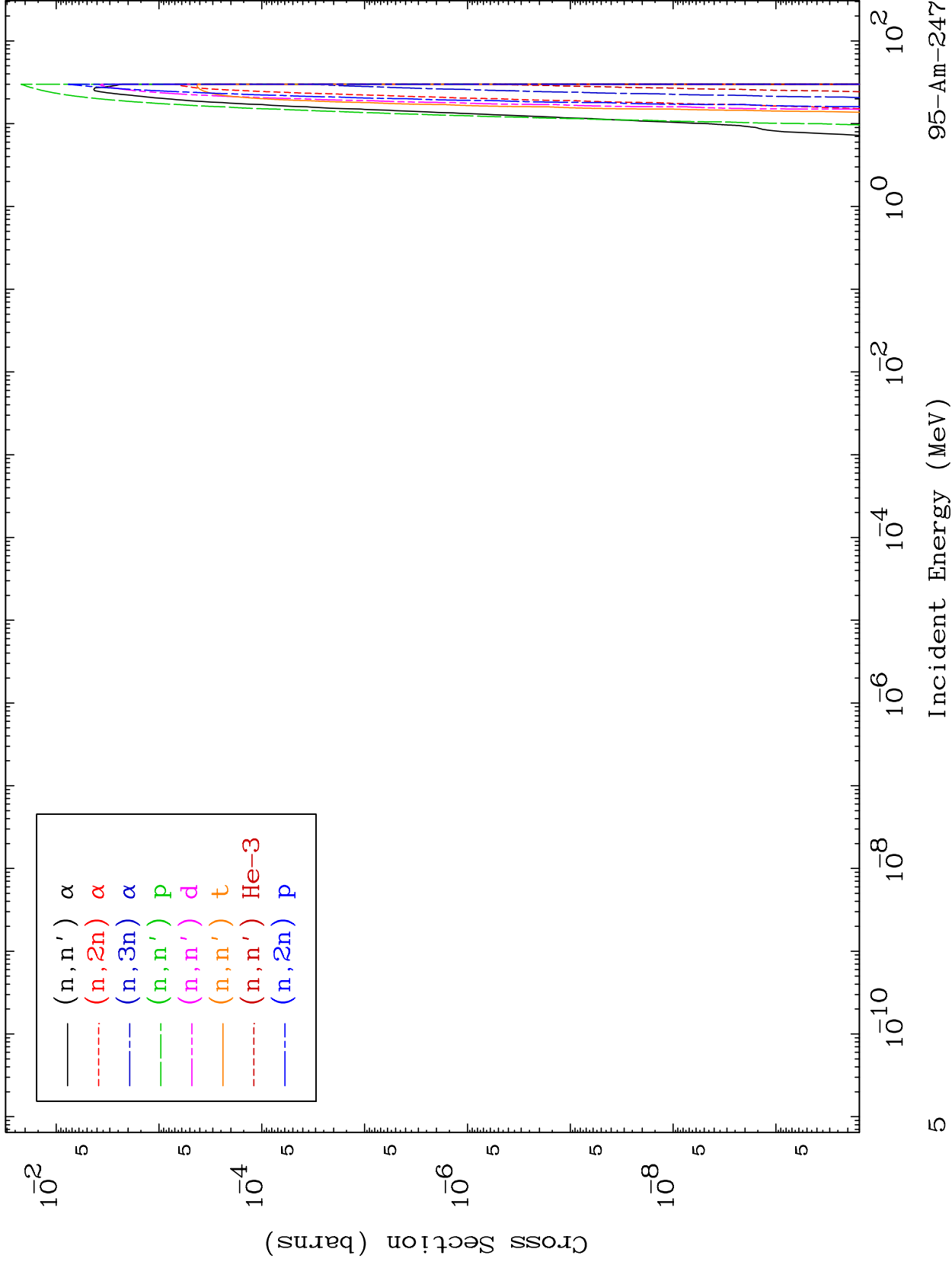
95-Am-247

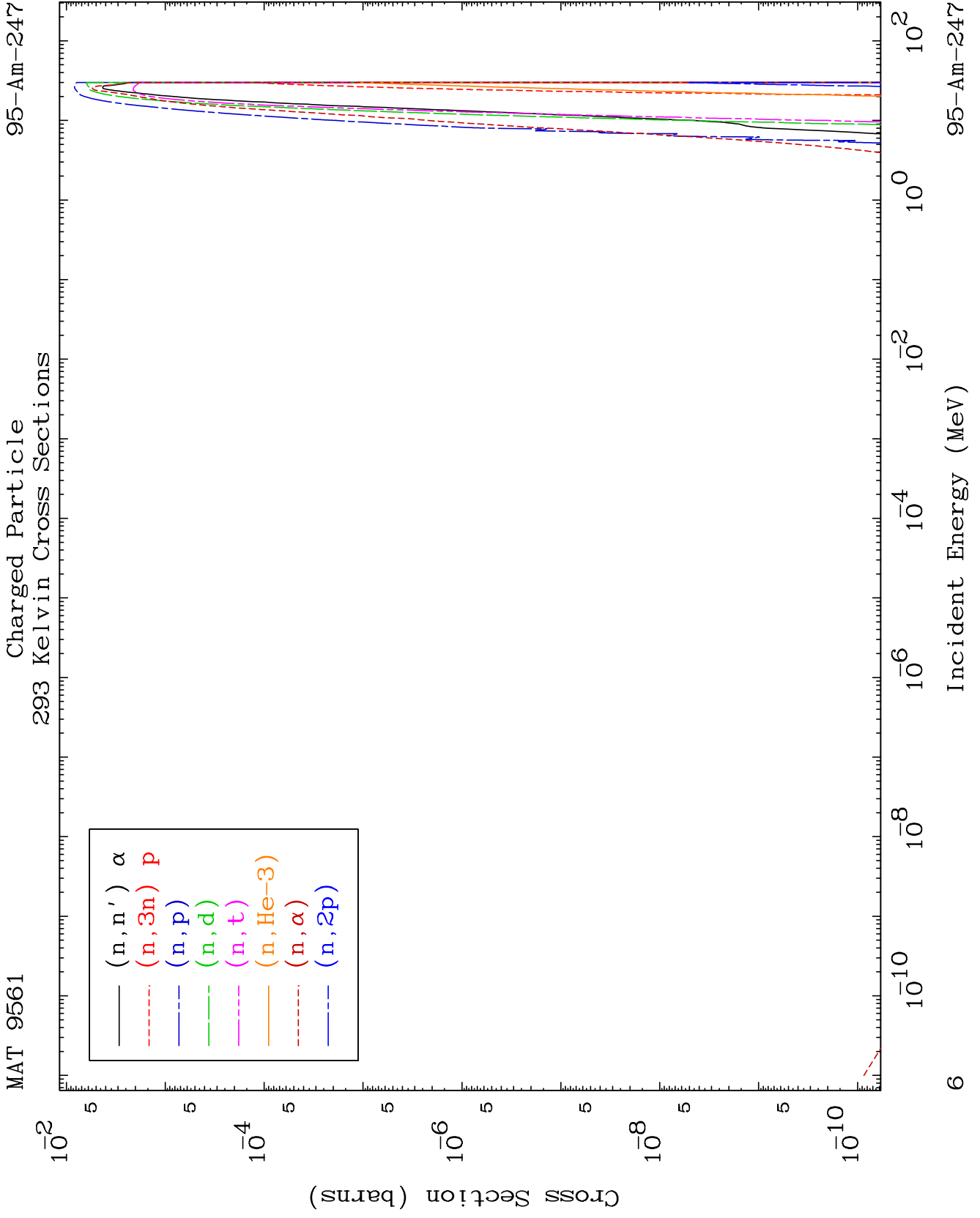


MAT 9561

Charged Particle
293 Kelvin Cross Sections

95-Am-247

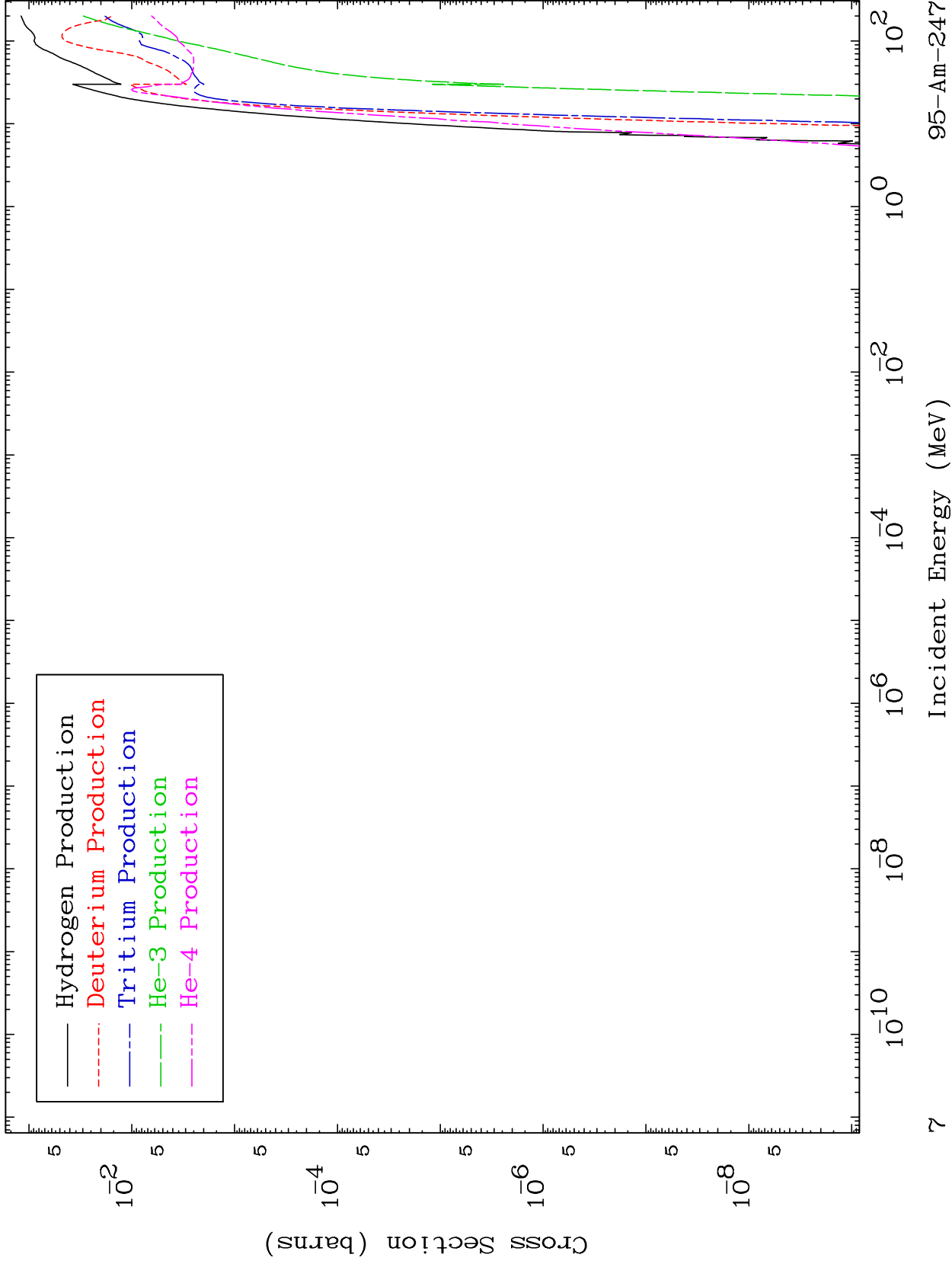




MAT 9561

Particle Production
293 Kelvin Cross Sections

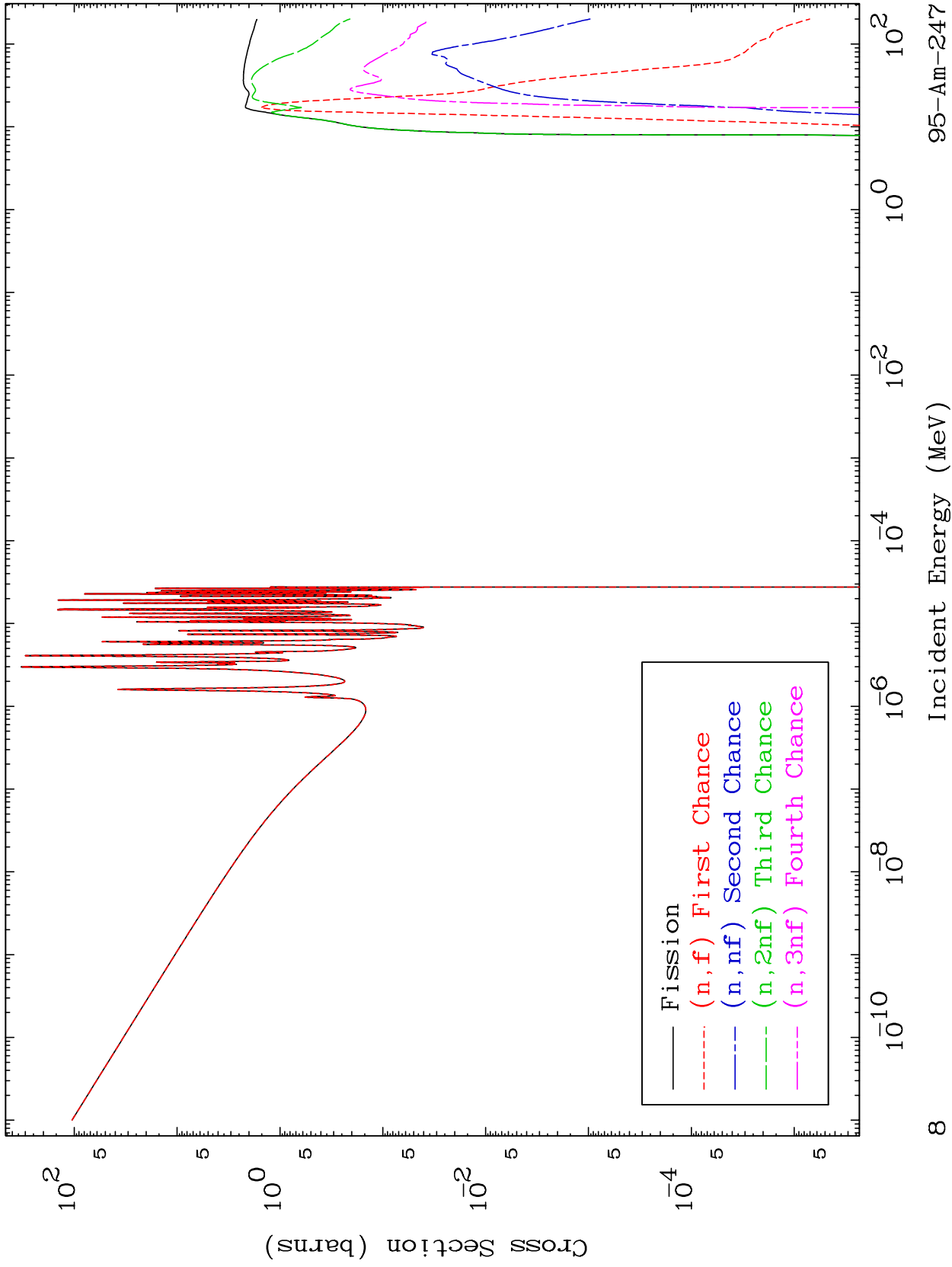
95-Am-247

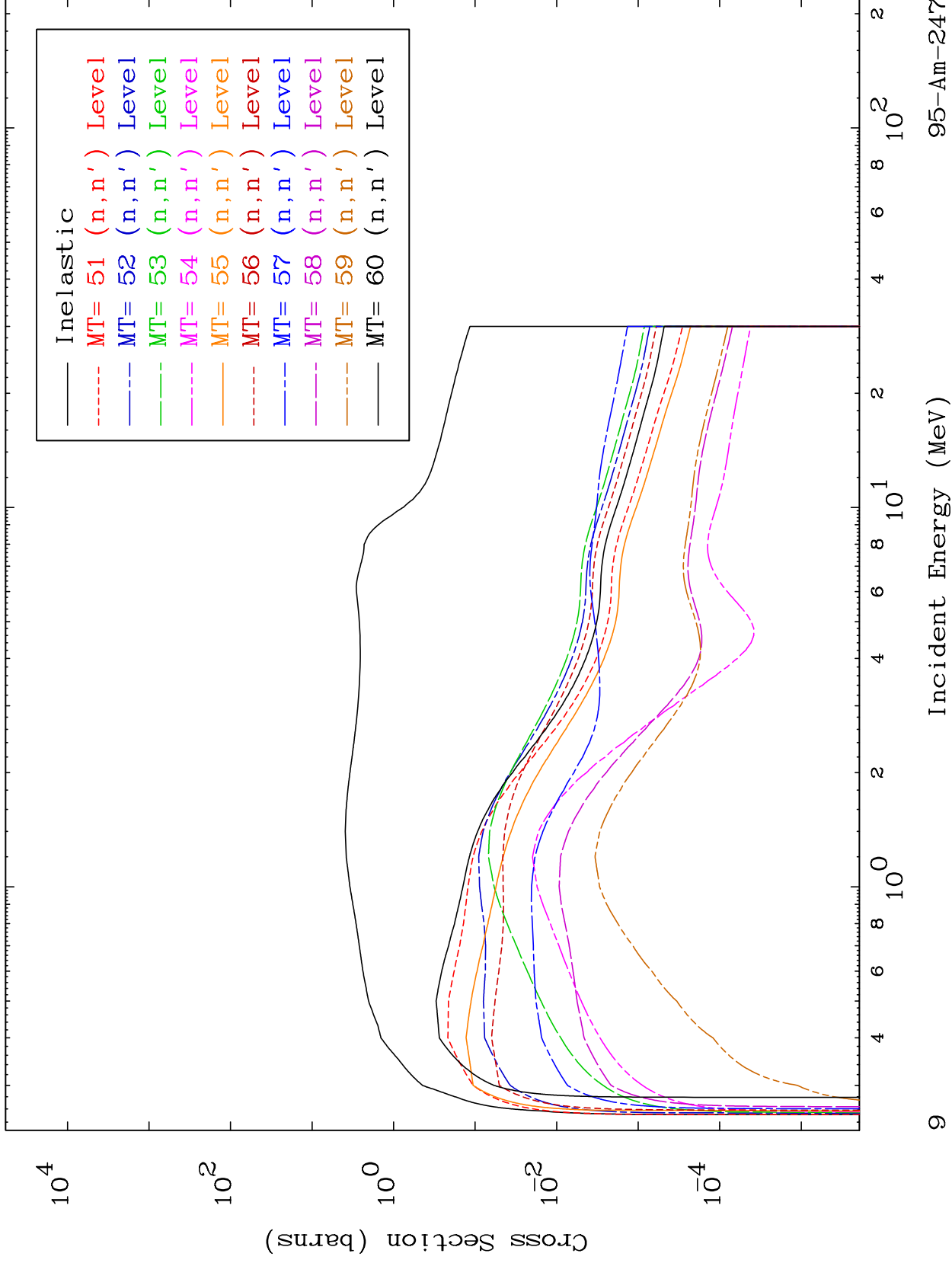


MAT 9561

Fission
293 Kelvin Cross Sections

95-Am-247



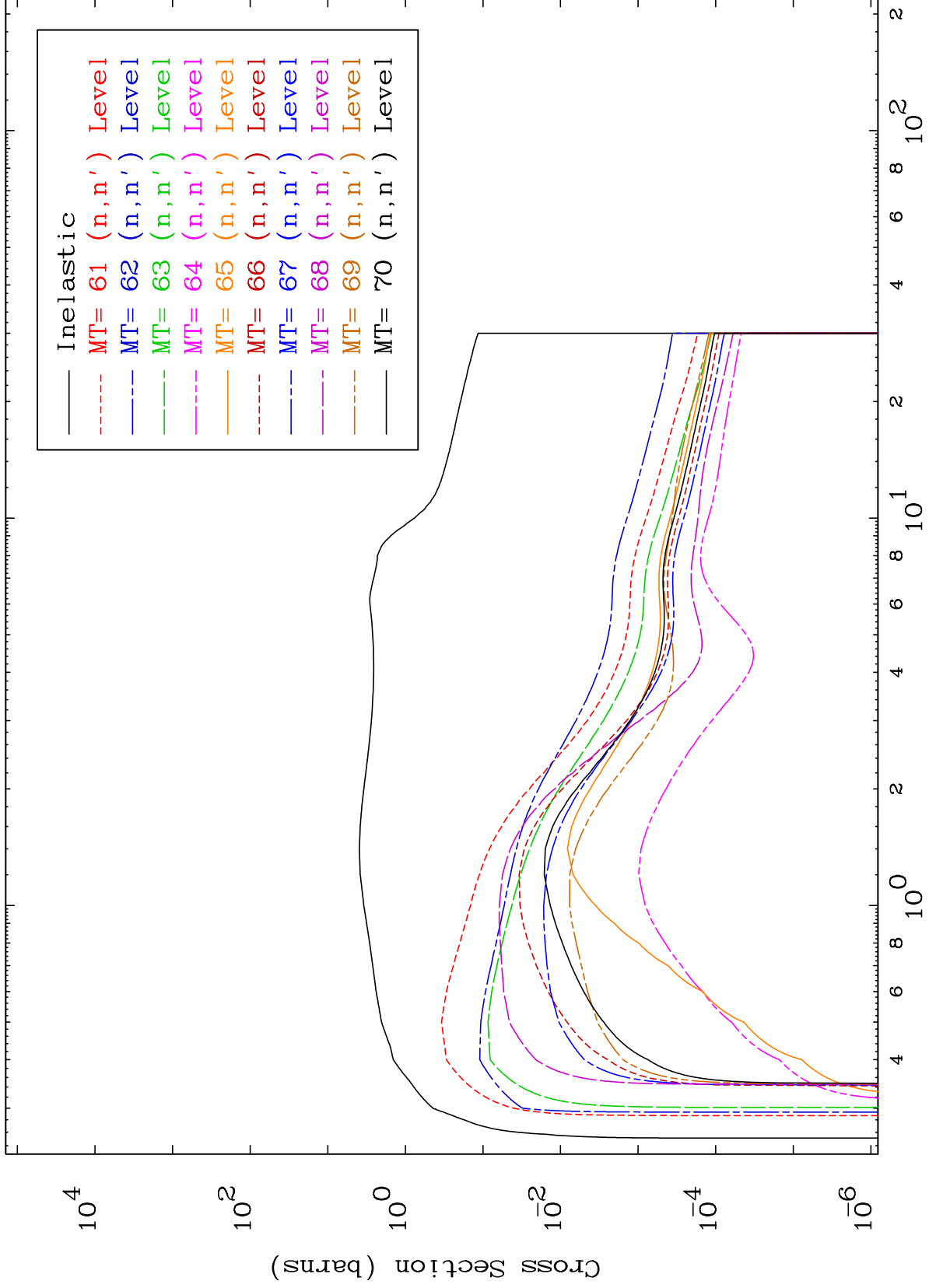


MAT 9561

(n,n') Levels

95-Am-247

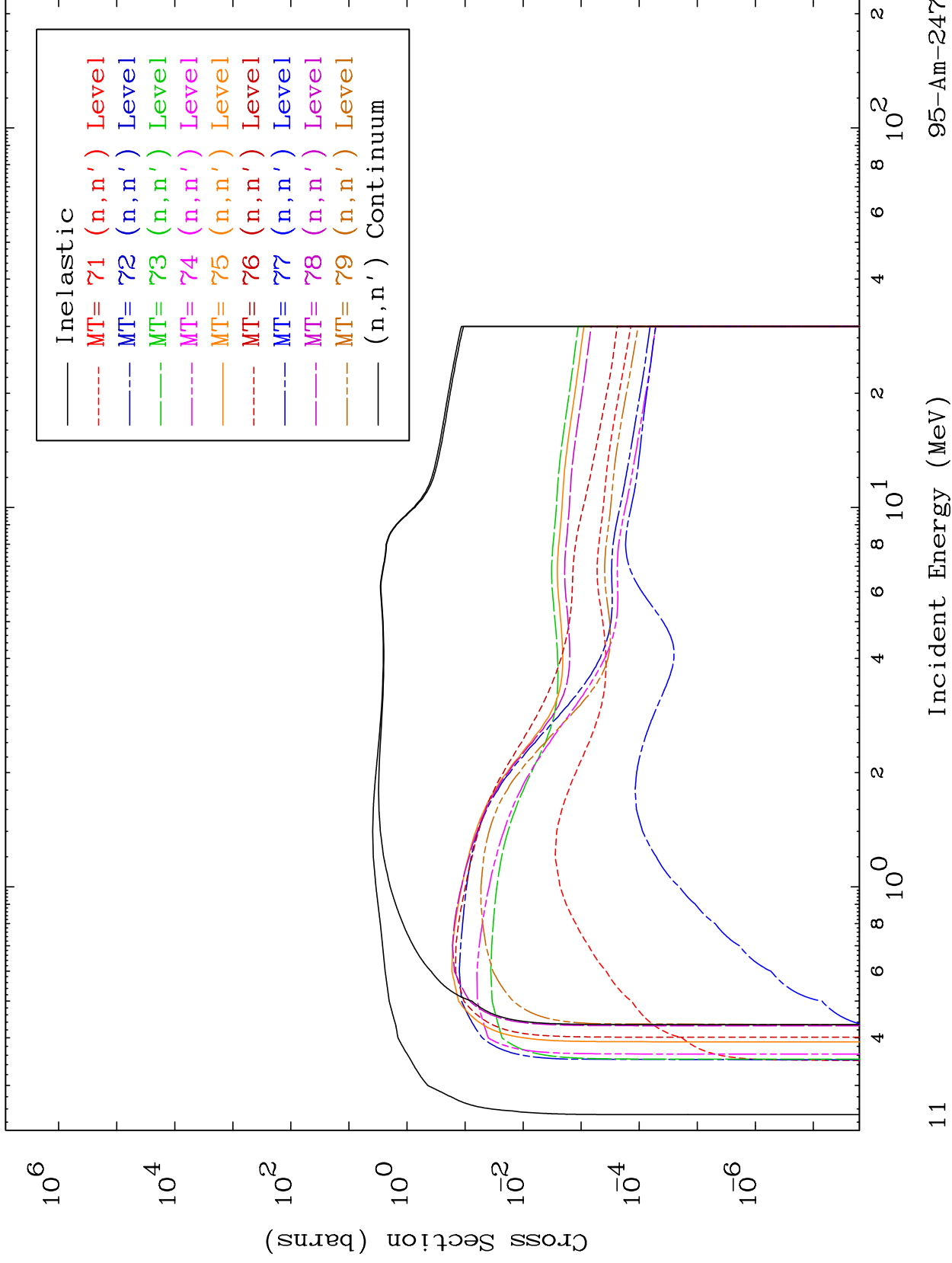
293 Kelvin Cross Sections



10

Incident Energy (MeV)

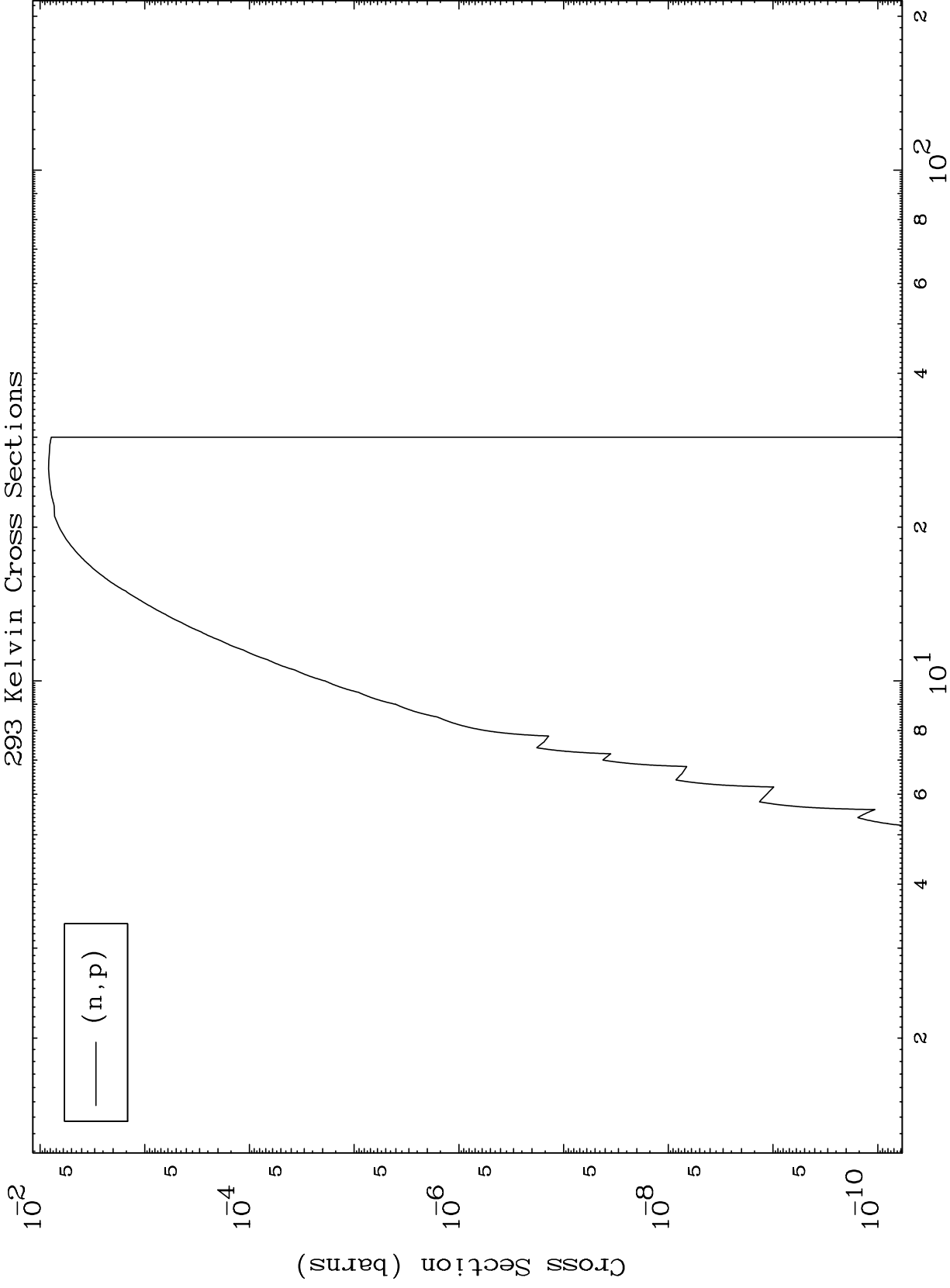
95-Am-247



MAT 9561

(n,p) Levels
293 Kelvin Cross Sections

95-Am-247



12

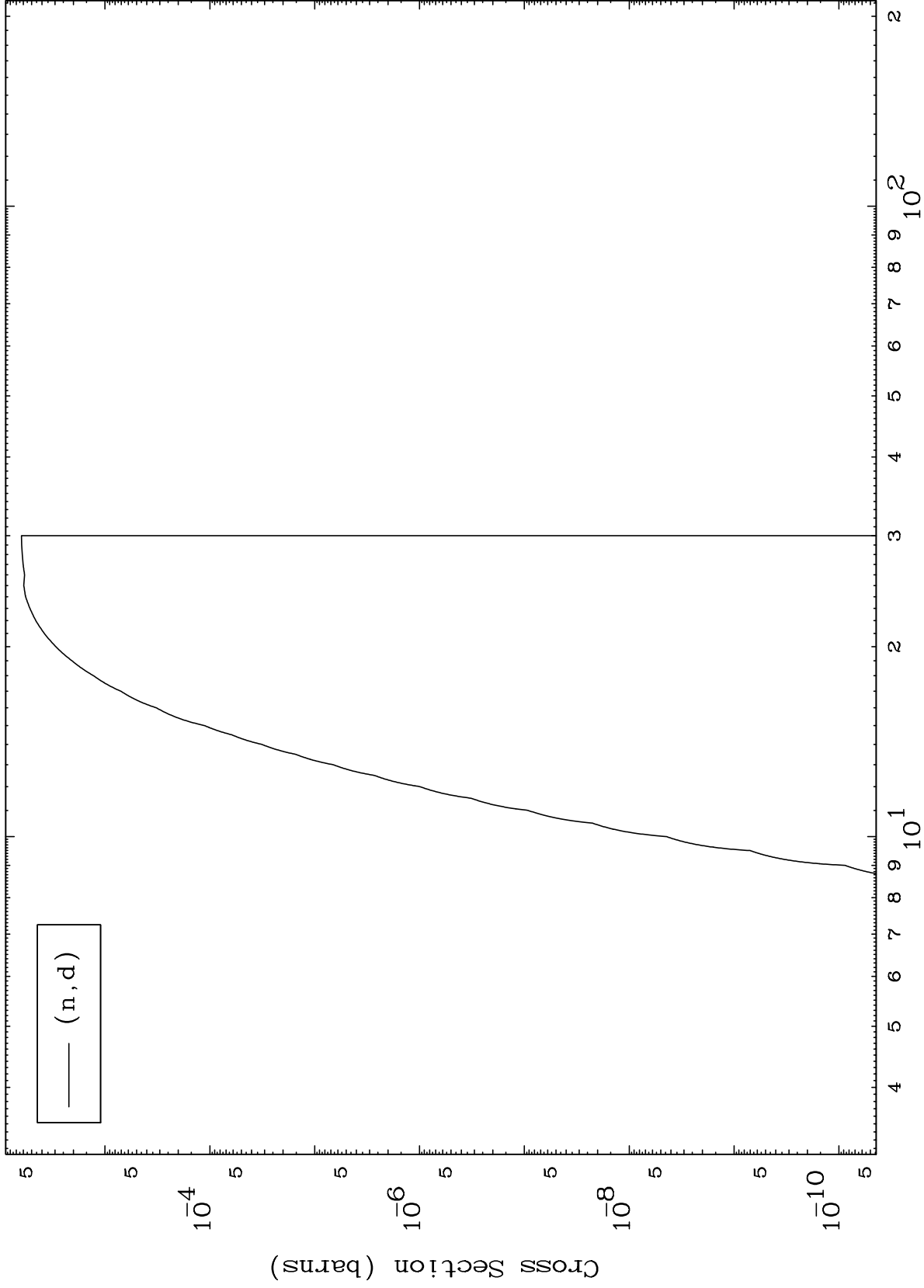
Incident Energy (MeV)

95-Am-247

MAT 9561

(n,d) Levels
293 Kelvin Cross Sections

95-Am-247



13

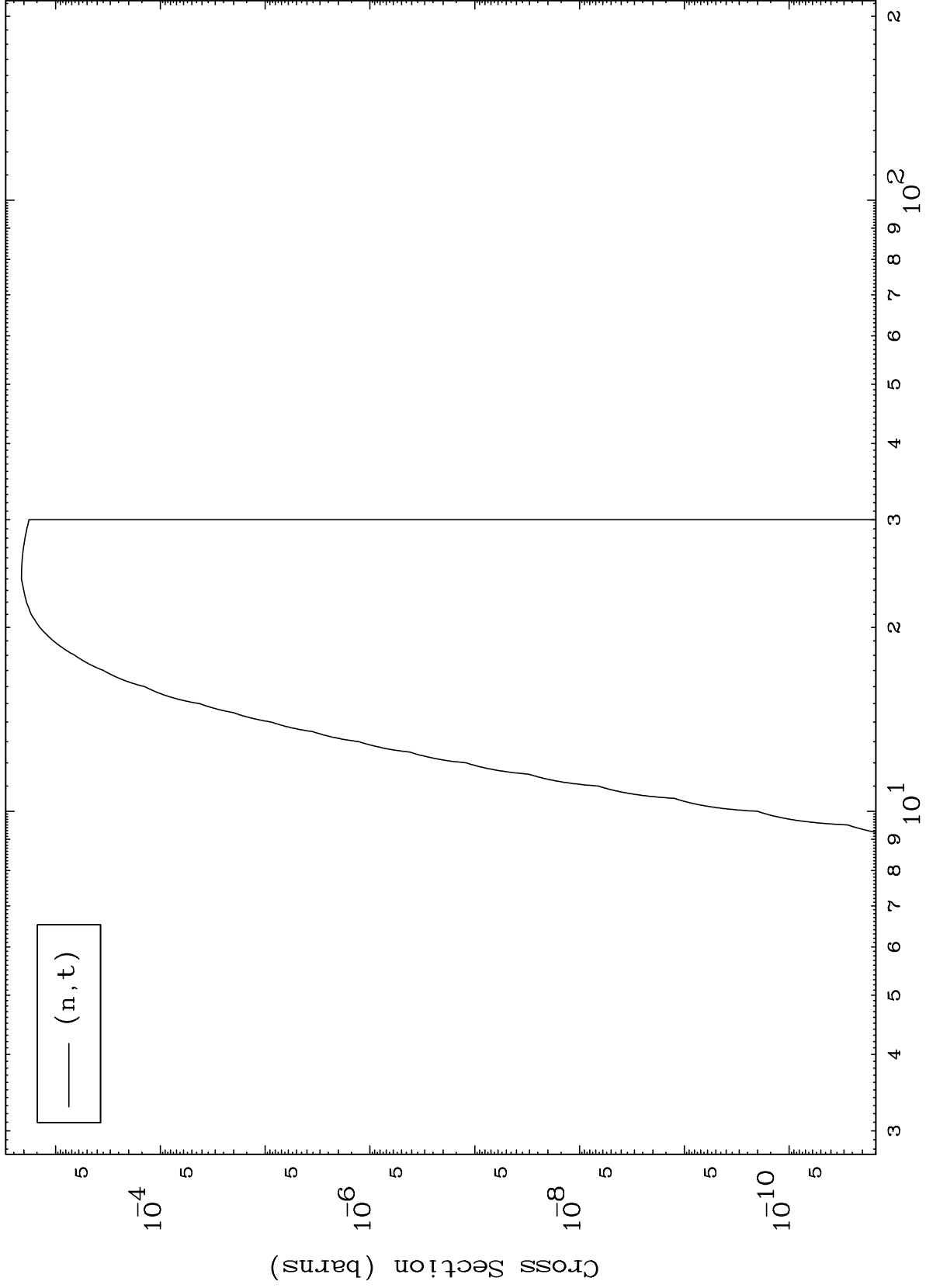
Incident Energy (MeV)

95-Am-247

MAT 9561

(n,t) Levels
293 Kelvin Cross Sections

95-Am-247



14

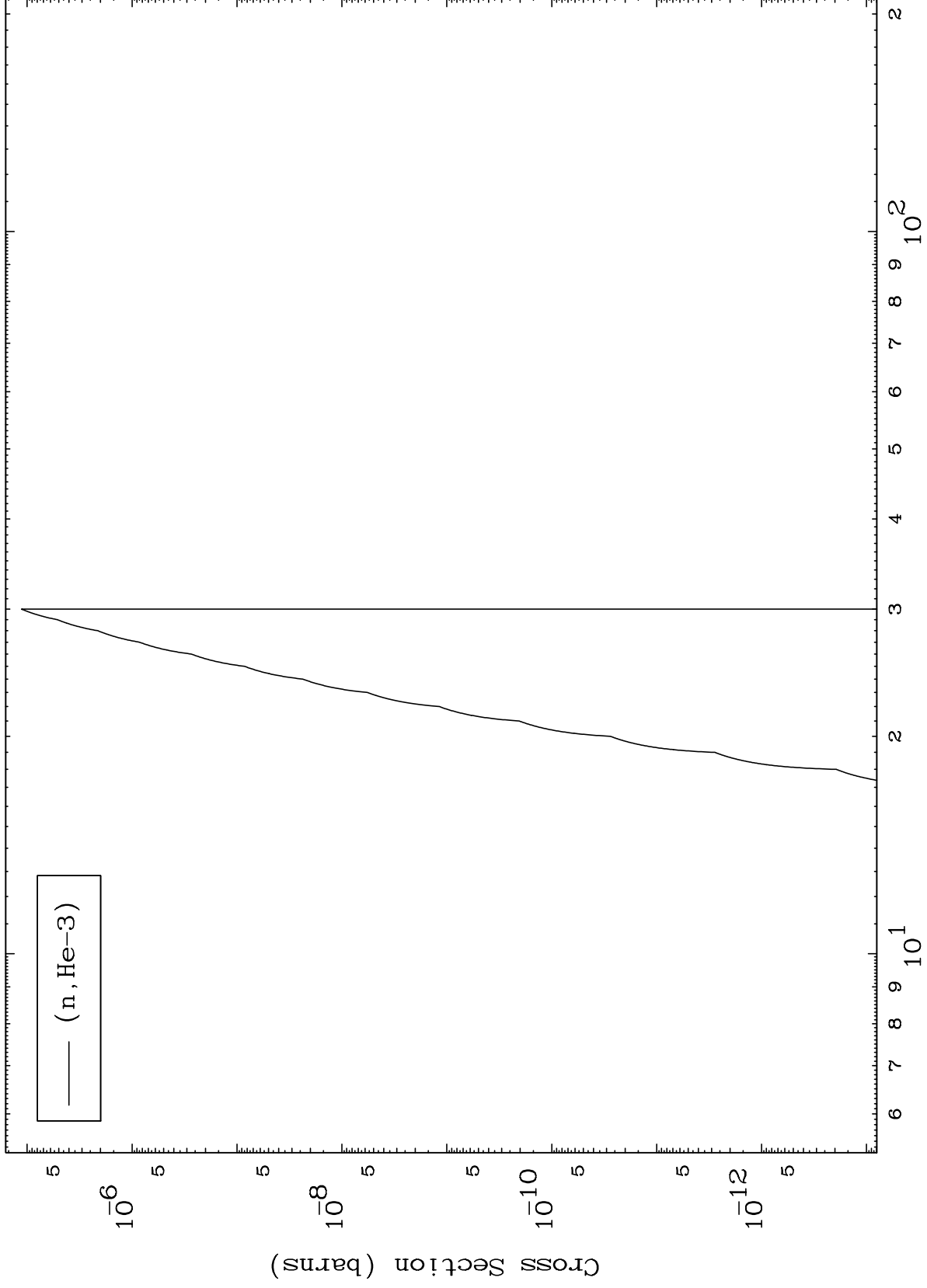
Incident Energy (MeV)

95-Am-247

MAT 9561

(n,He3) Levels
293 Kelvin Cross Sections

95-Am-247



15

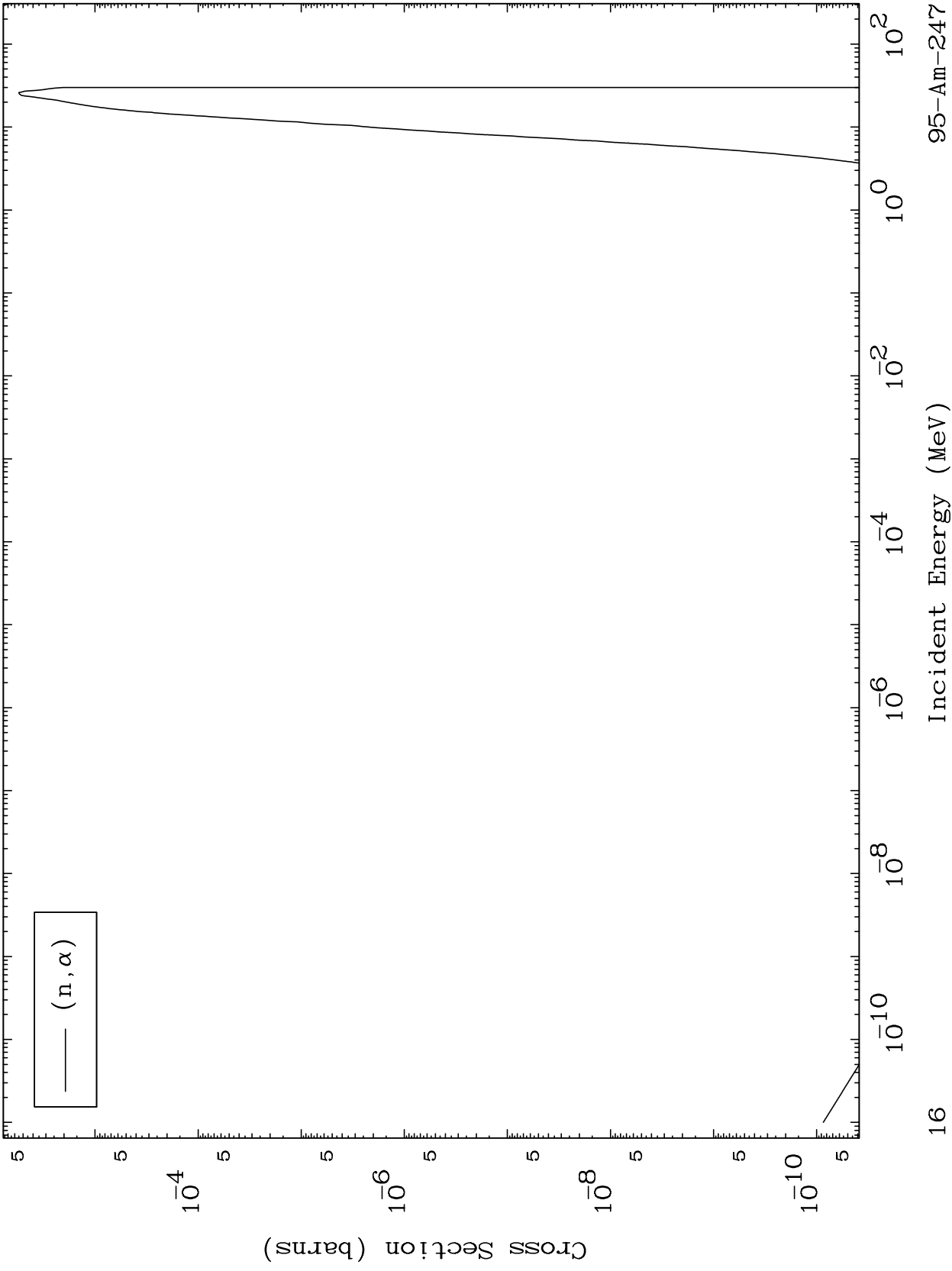
Incident Energy (MeV)

95-Am-247

MAT 9561

(n, α) Levels
293 Kelvin Cross Sections

95-Am-247



16

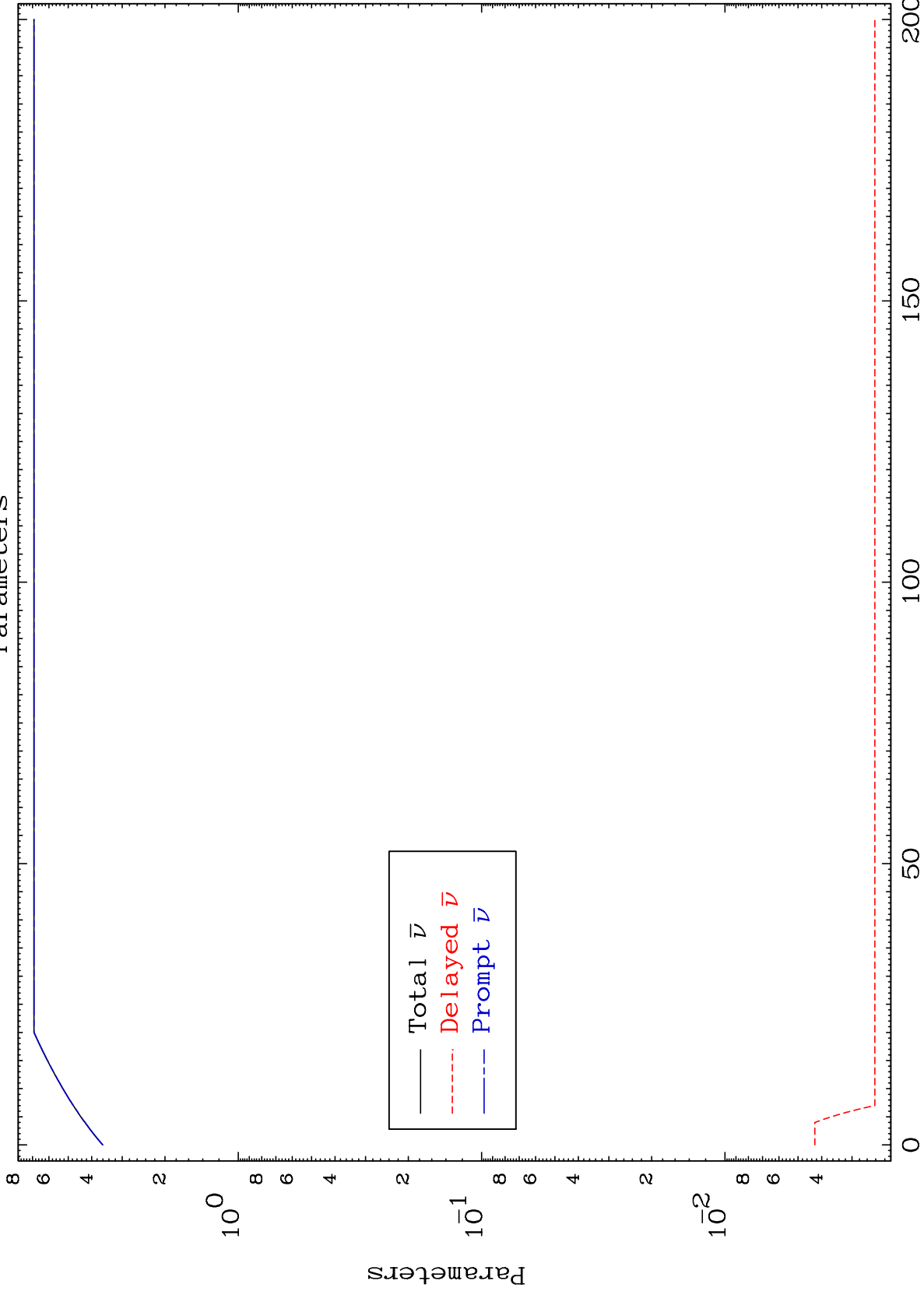
Incident Energy (MeV)

95-Am-247

MAT 9561

Energy Release
Parameters

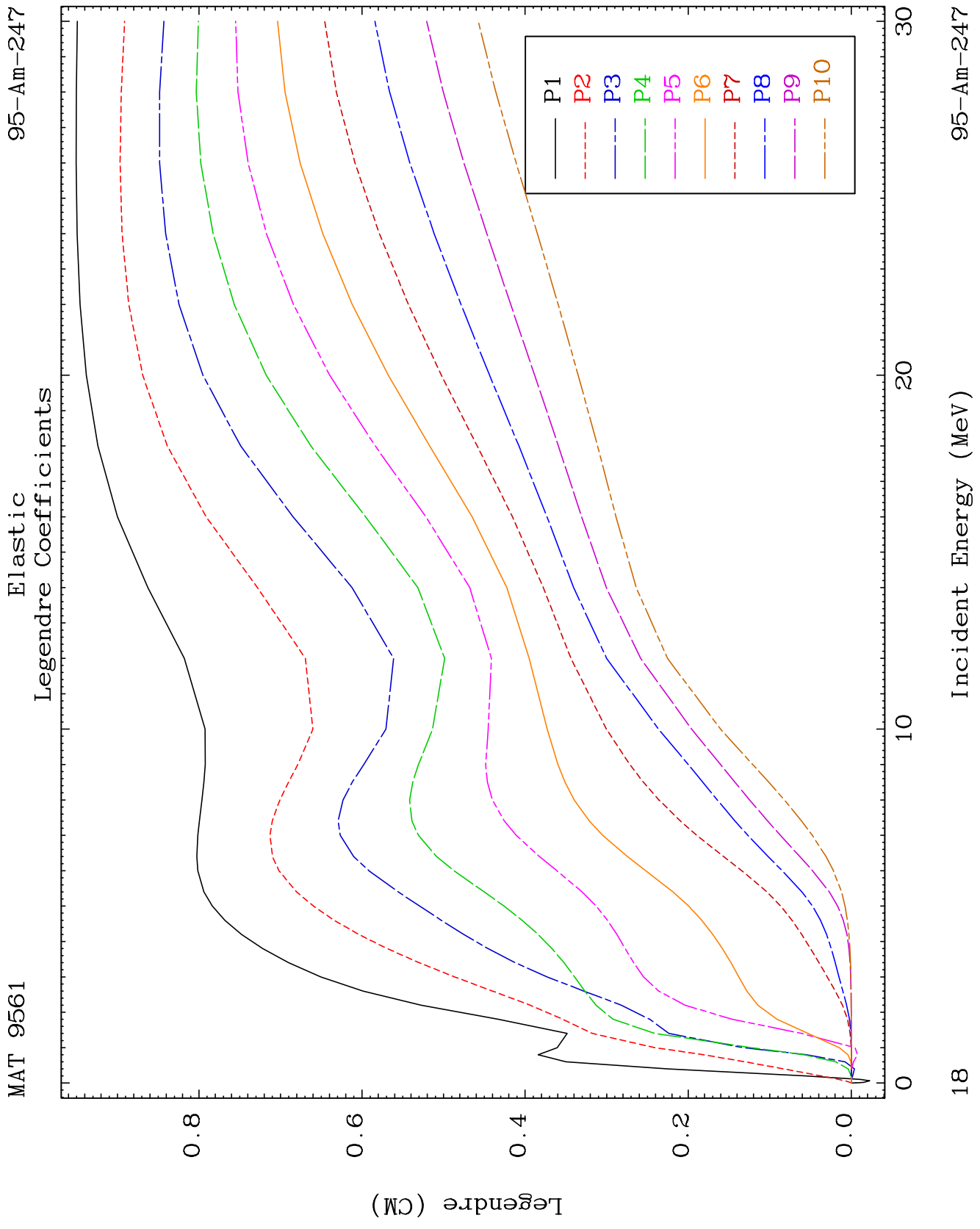
95-Am-247

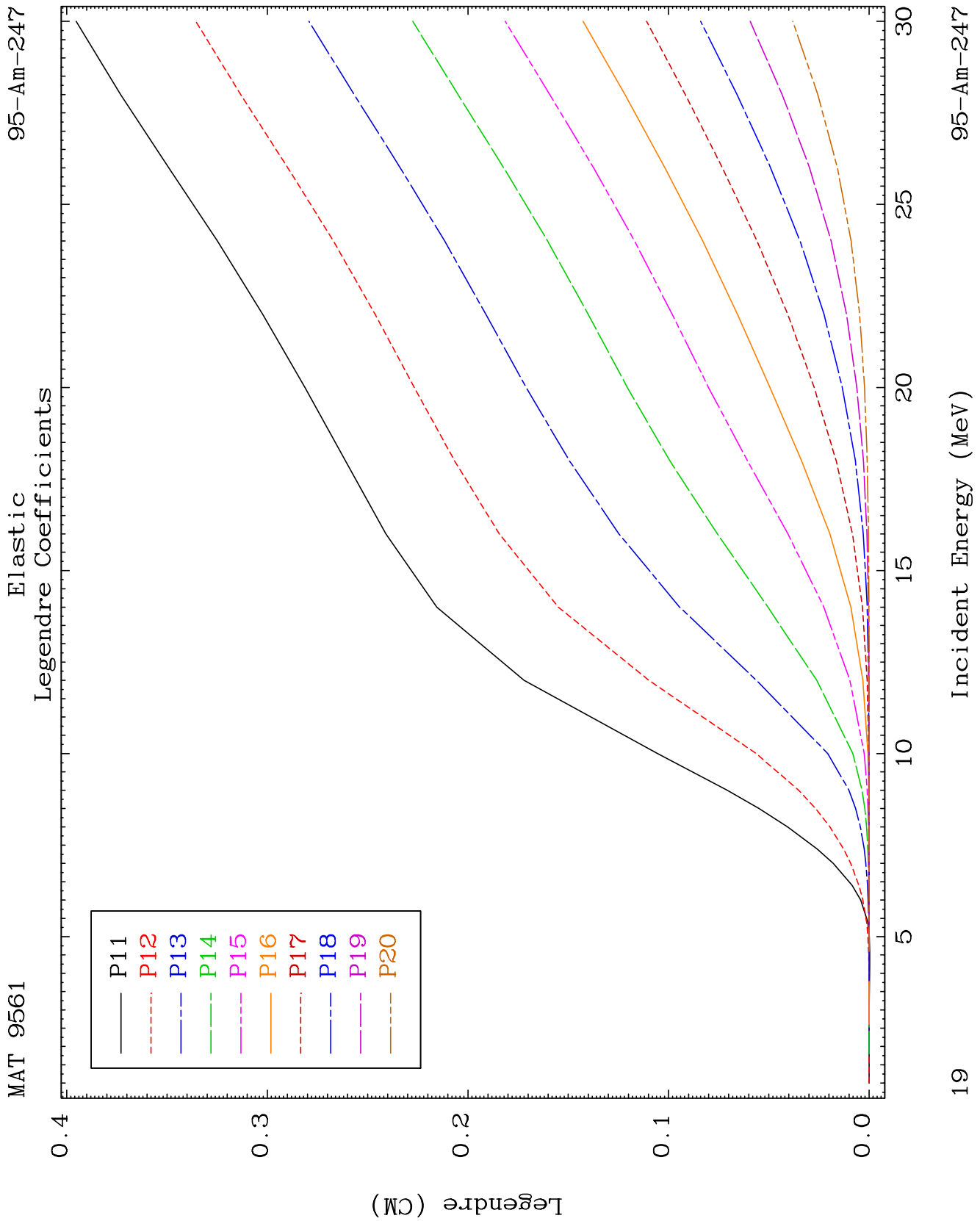


17

Incident Energy (MeV)

95-Am-247

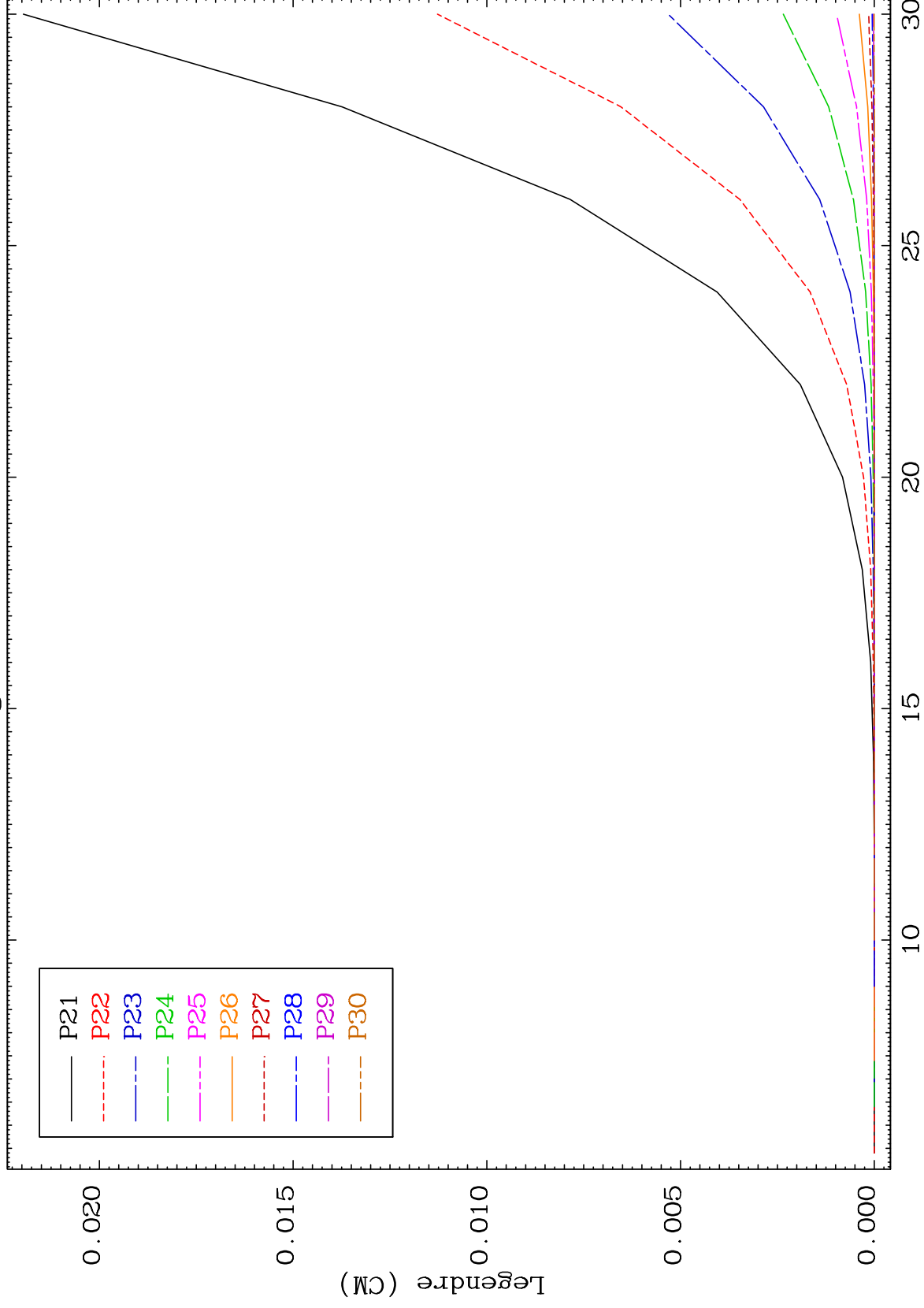




MAT 9561

Elastic Legendre Coefficients

95-Am-247



20

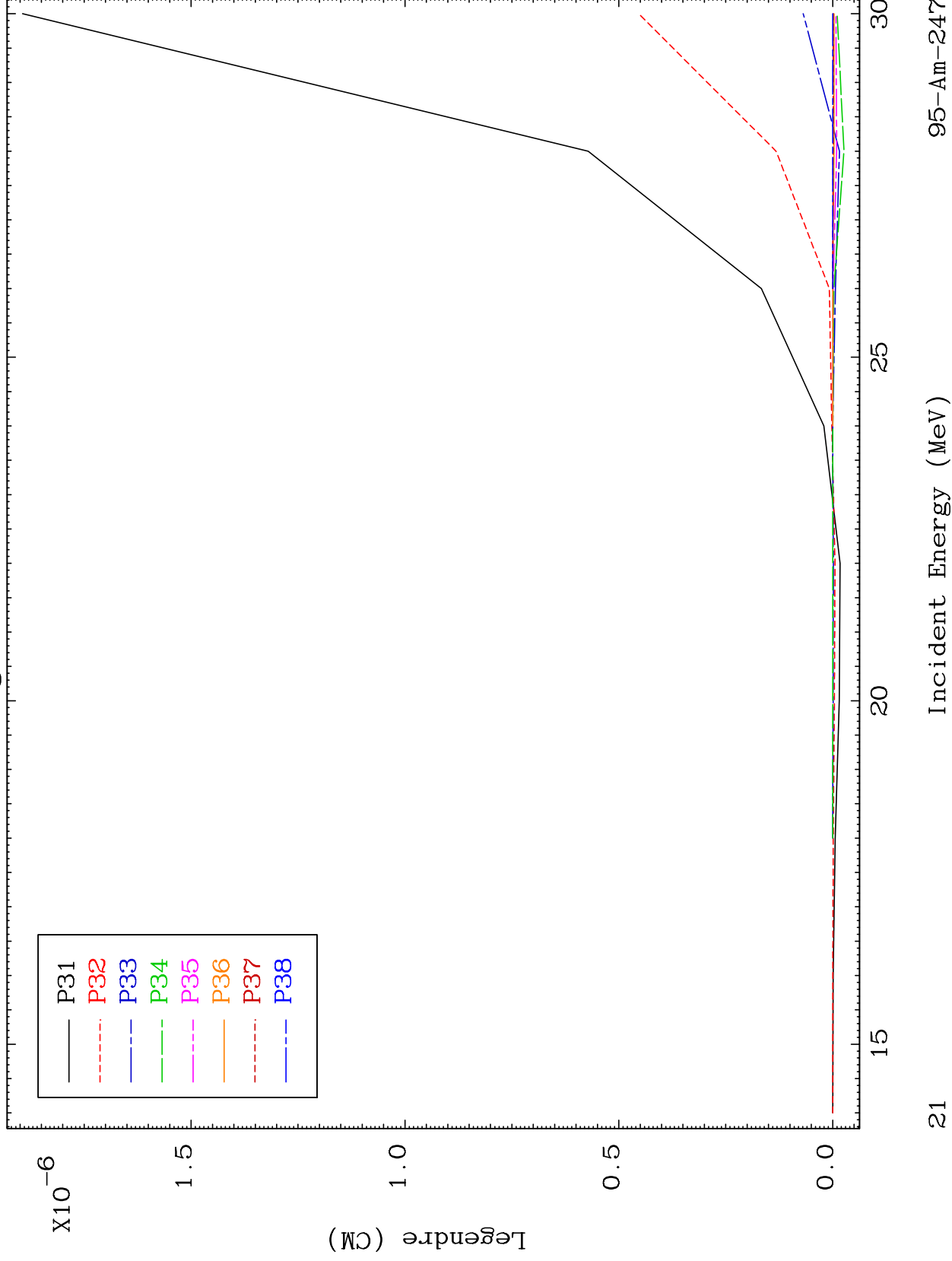
Incident Energy (MeV)

95-Am-247

MAT 9561

Elastic
Legendre Coefficients

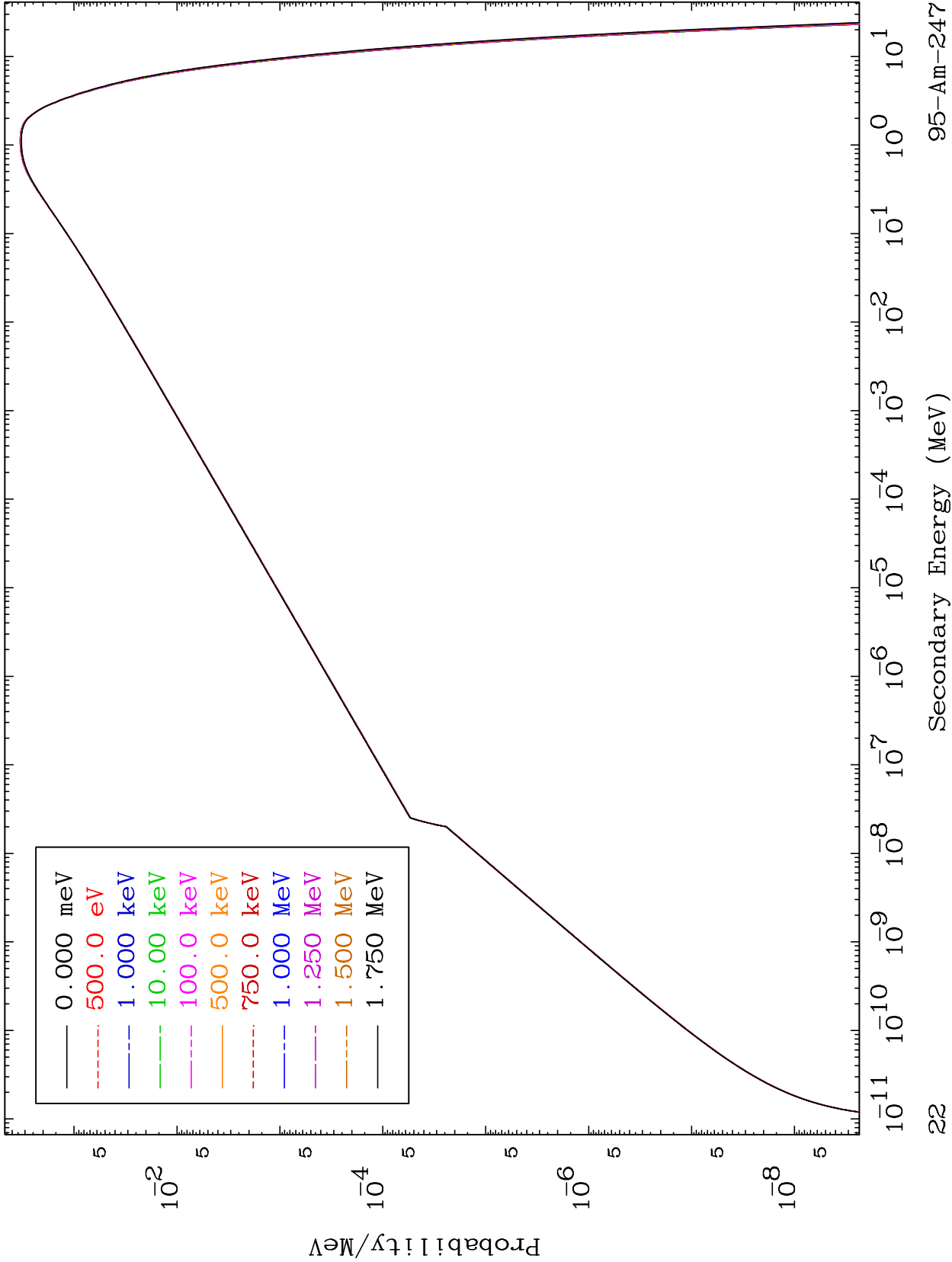
95-Am-247



MAT 9561

Fission Energy Distributions

95-Am-247



95-Am-247

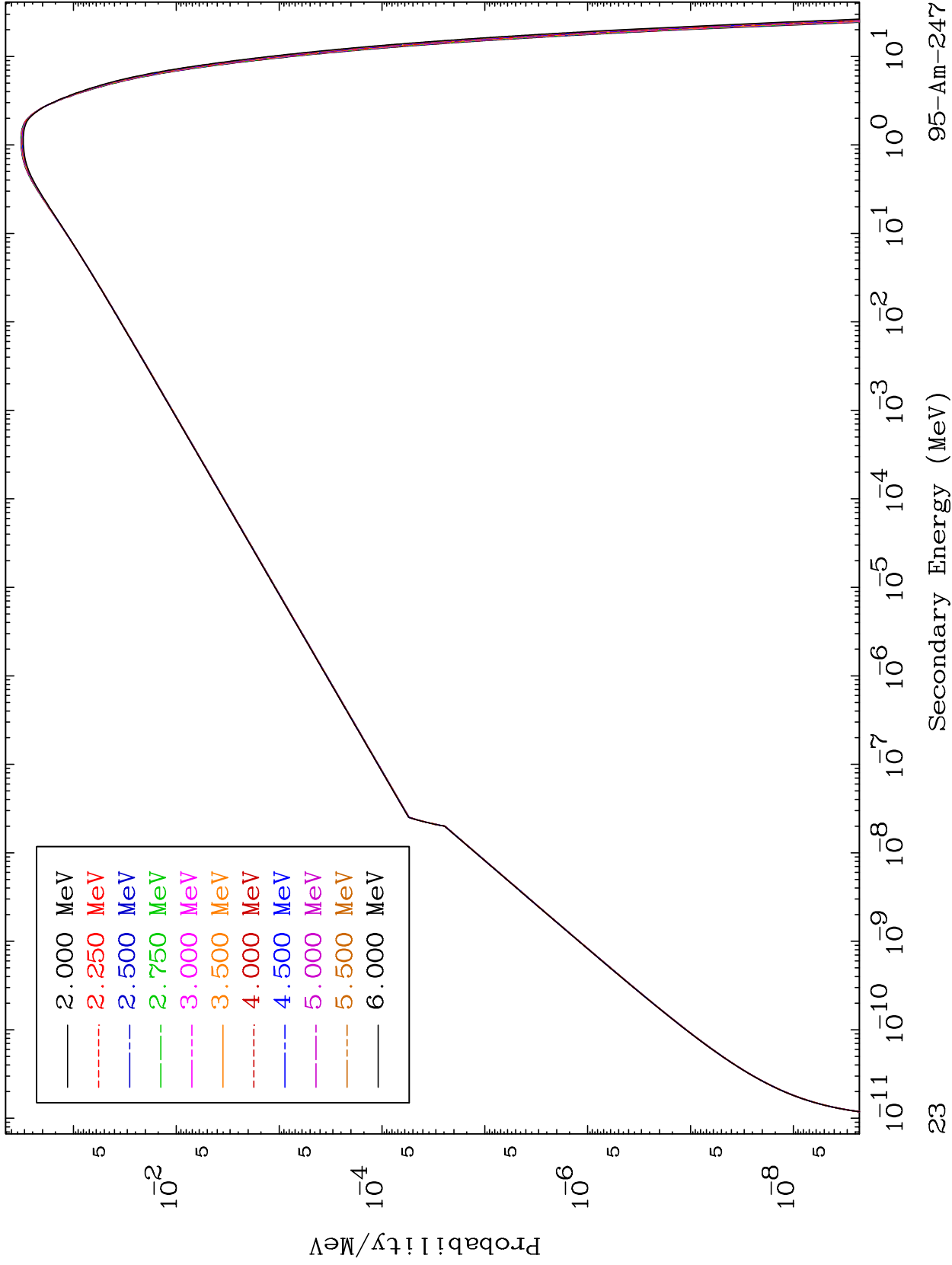
Secondary Energy (MeV)

22

MAT 9561

Fission Energy Distributions

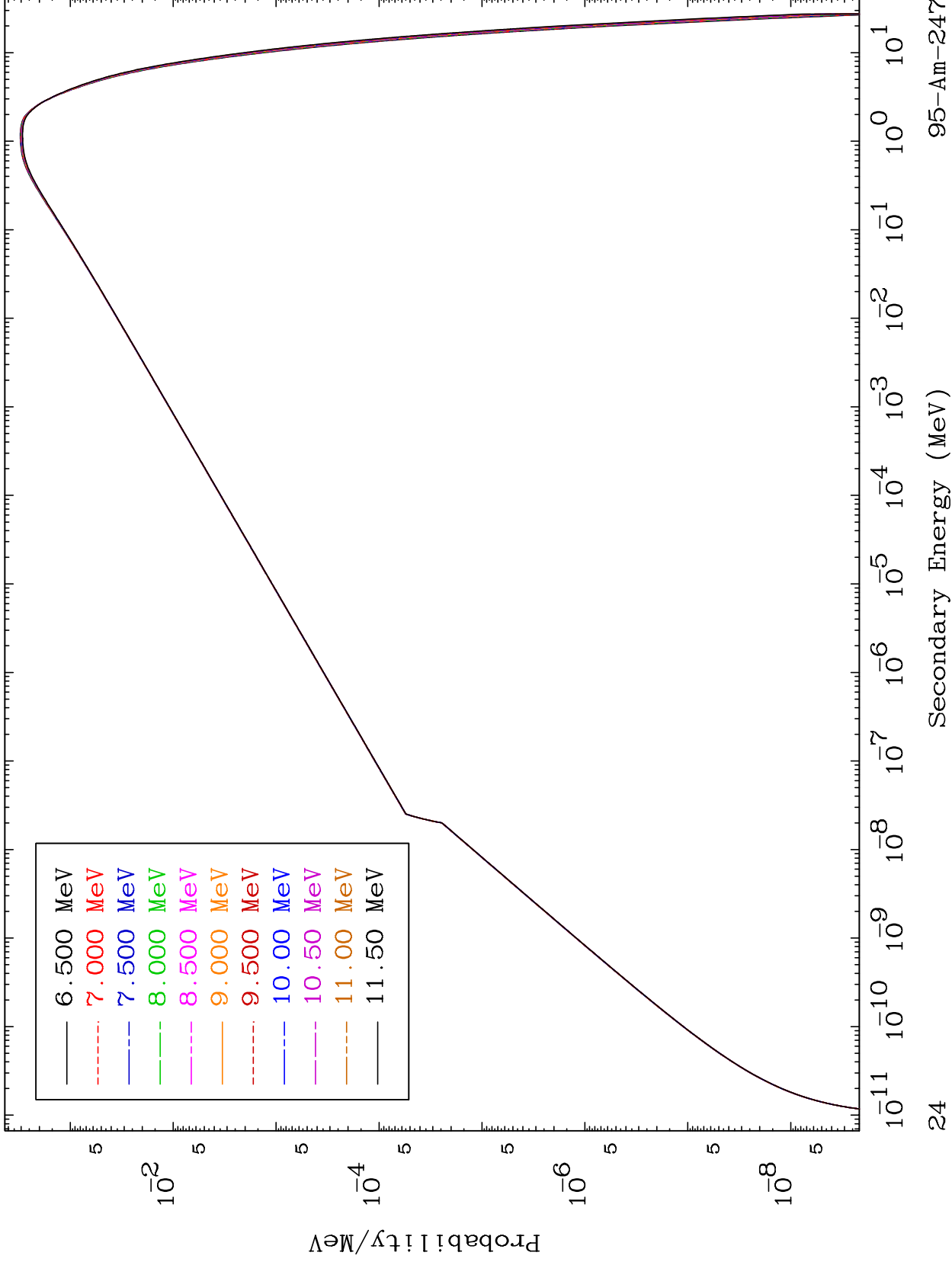
95-Am-247



MAT 9561

Fission Energy Distributions

95-Am-247



95-Am-247

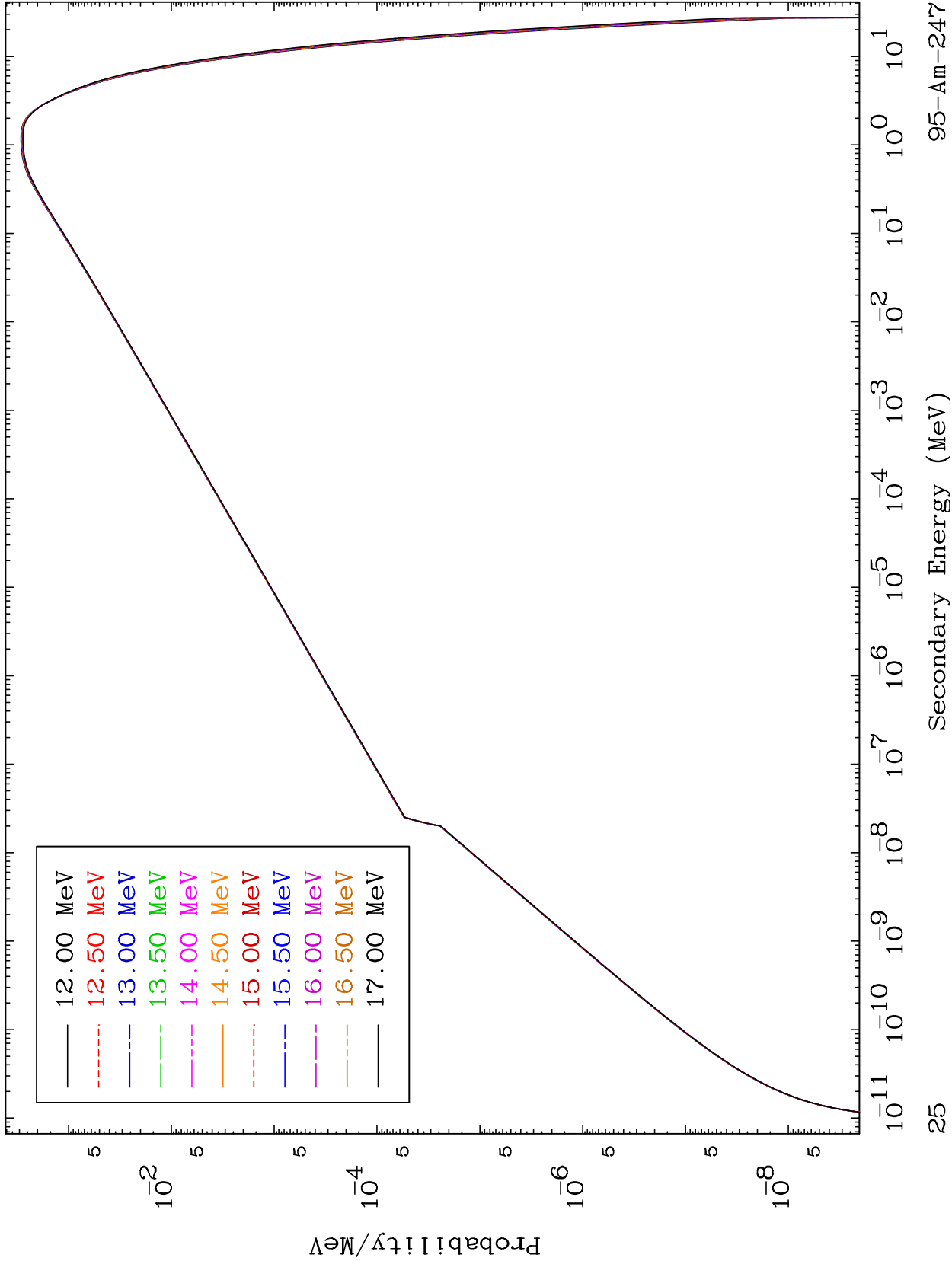
Secondary Energy (MeV)

24

MAT 9561

Fission Energy Distributions

95-Am-247



95-Am-247

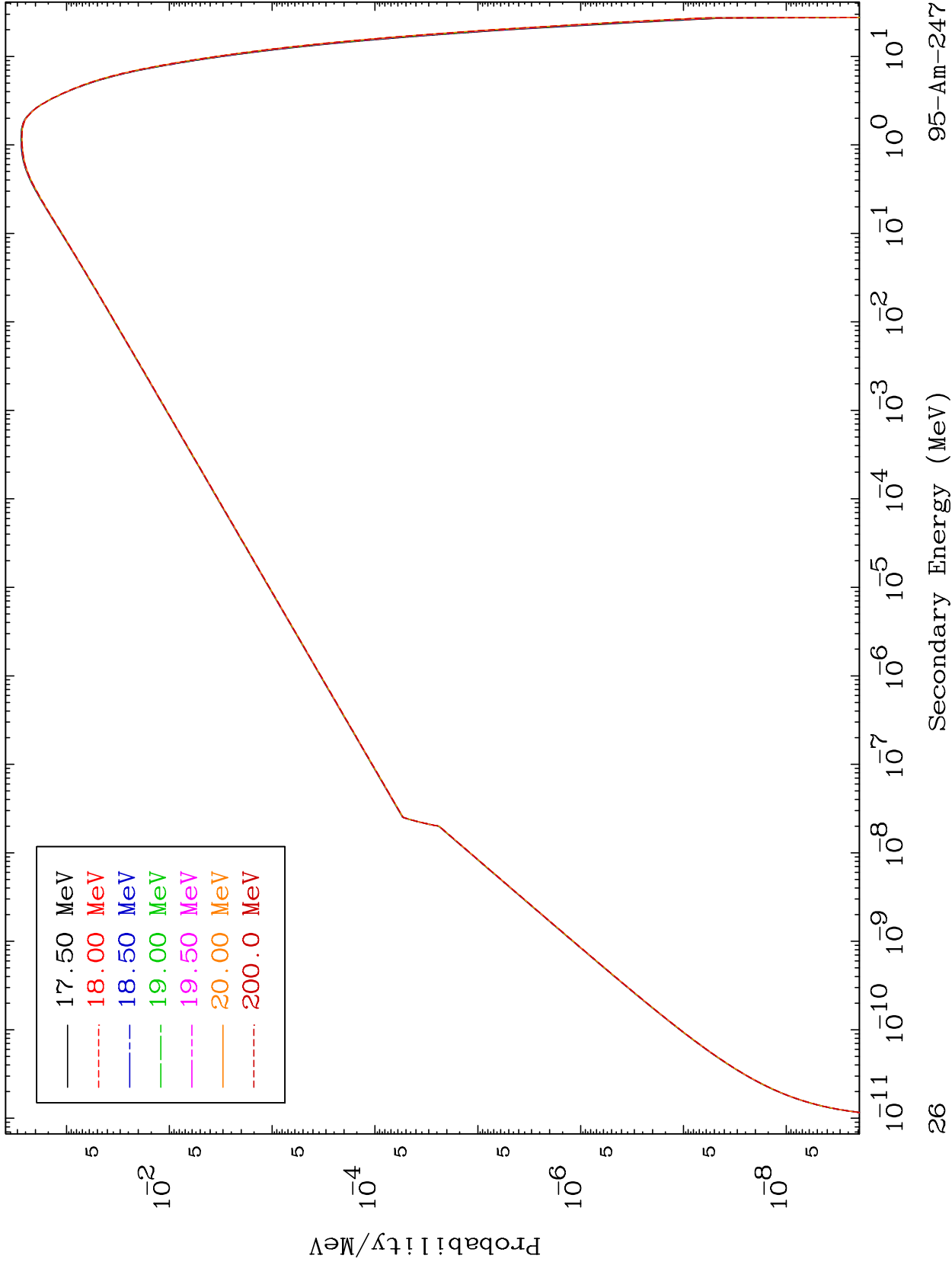
Secondary Energy (MeV)

25

MAT 9561

Fission Energy Distributions

95-Am-247



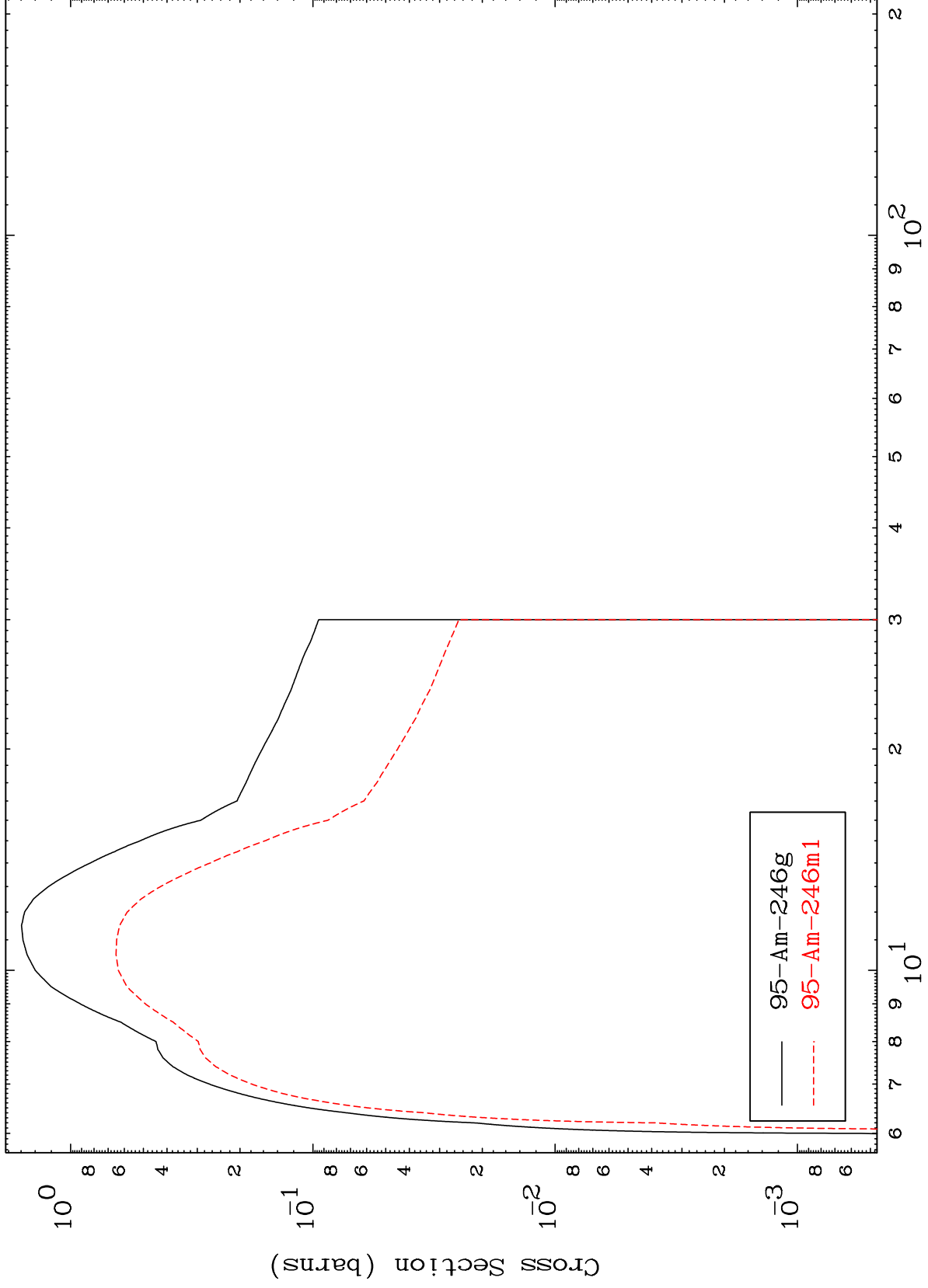
26

95-Am-247

MAT 9561

95-Am-247

(n,2n)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

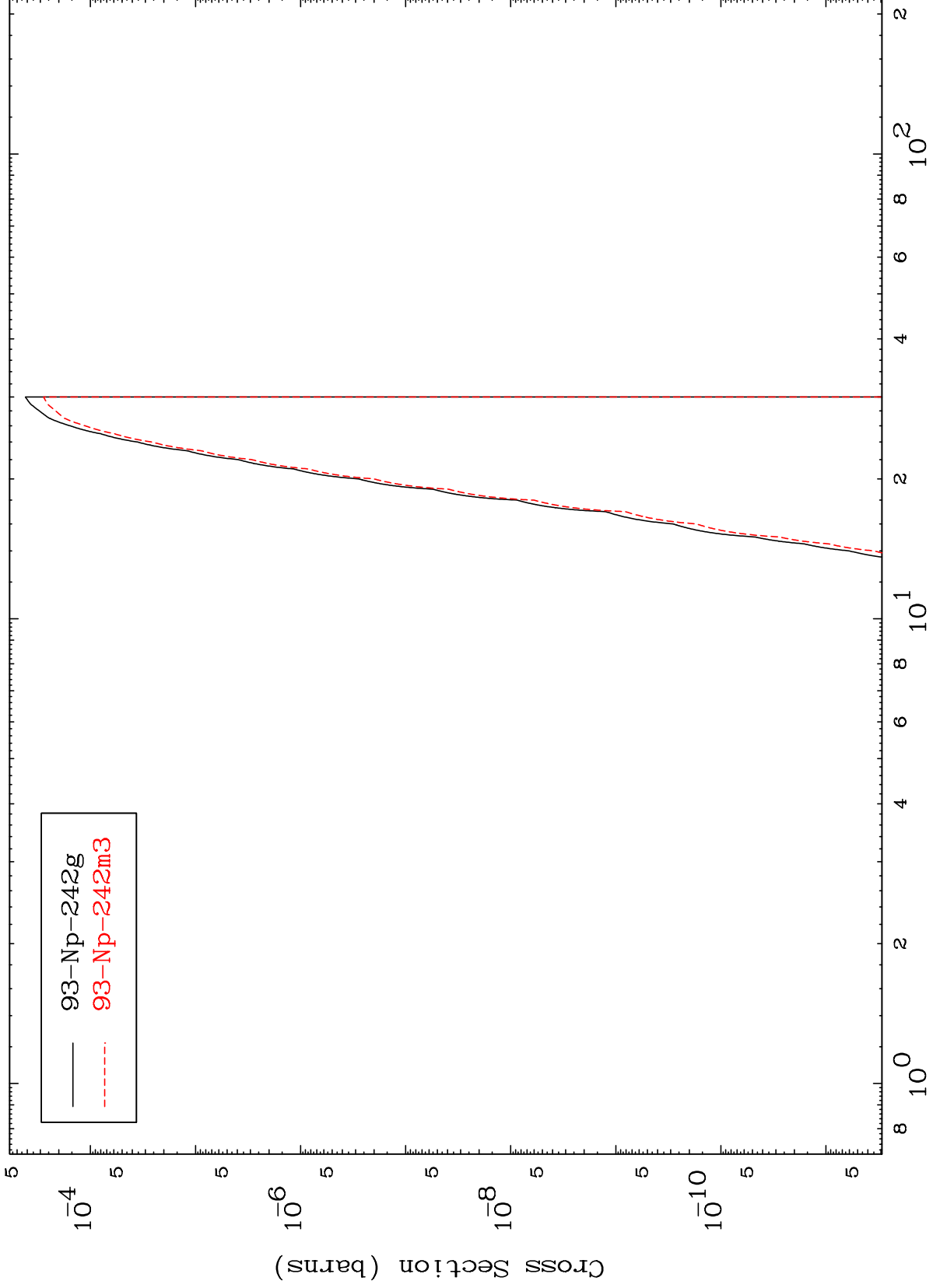
95-Am-247

MAT 9561

(n,2n) α

95-Am-247

Radionuclide Production Cross Section



93-Np-242g
93-Np-242m3

28

Incident Energy (MeV)

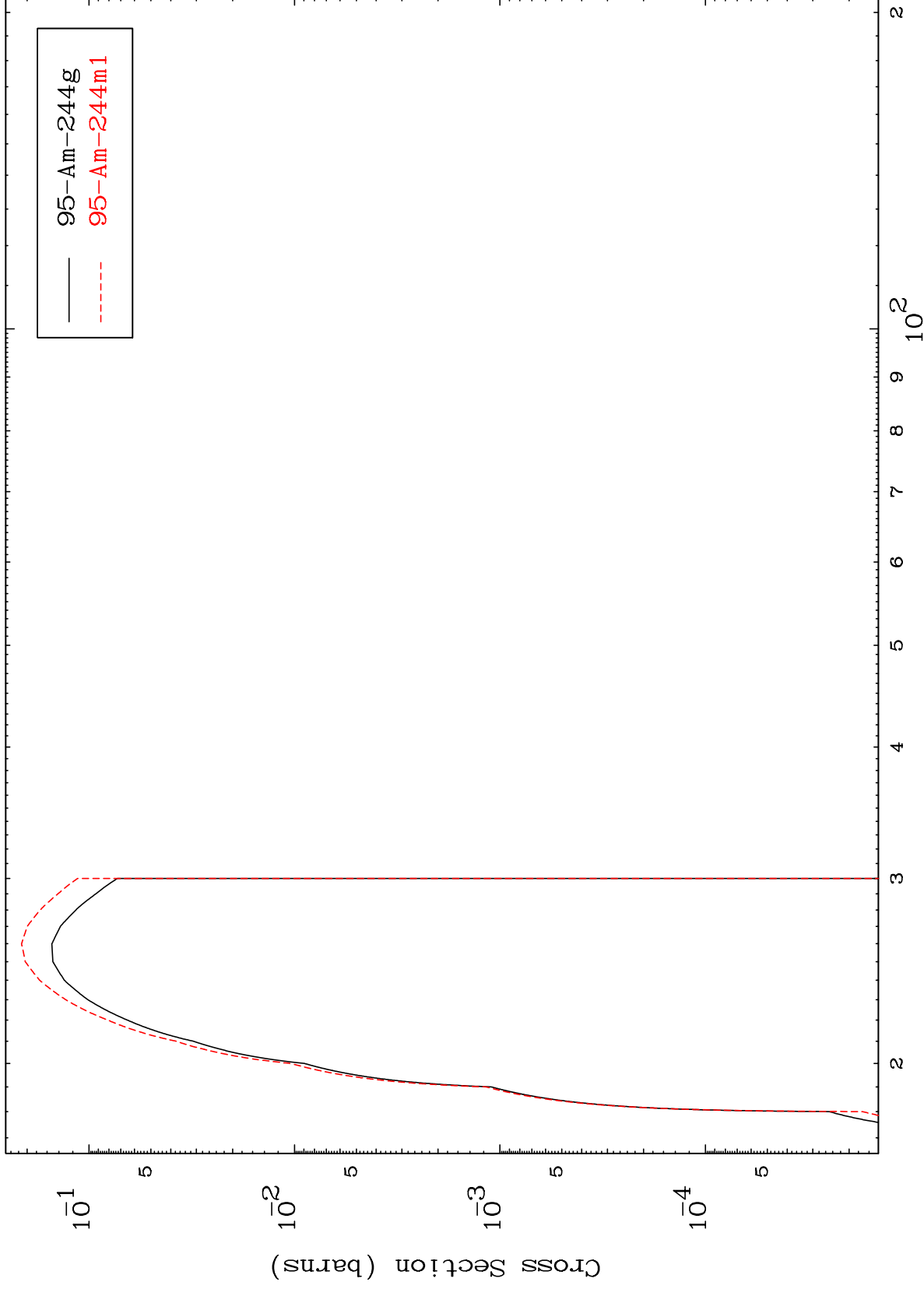
95-Am-247

MAT 9561

(n,4n)

95-Am-247

Radionuclide Production Cross Section



29

Incident Energy (MeV)

95-Am-247