

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

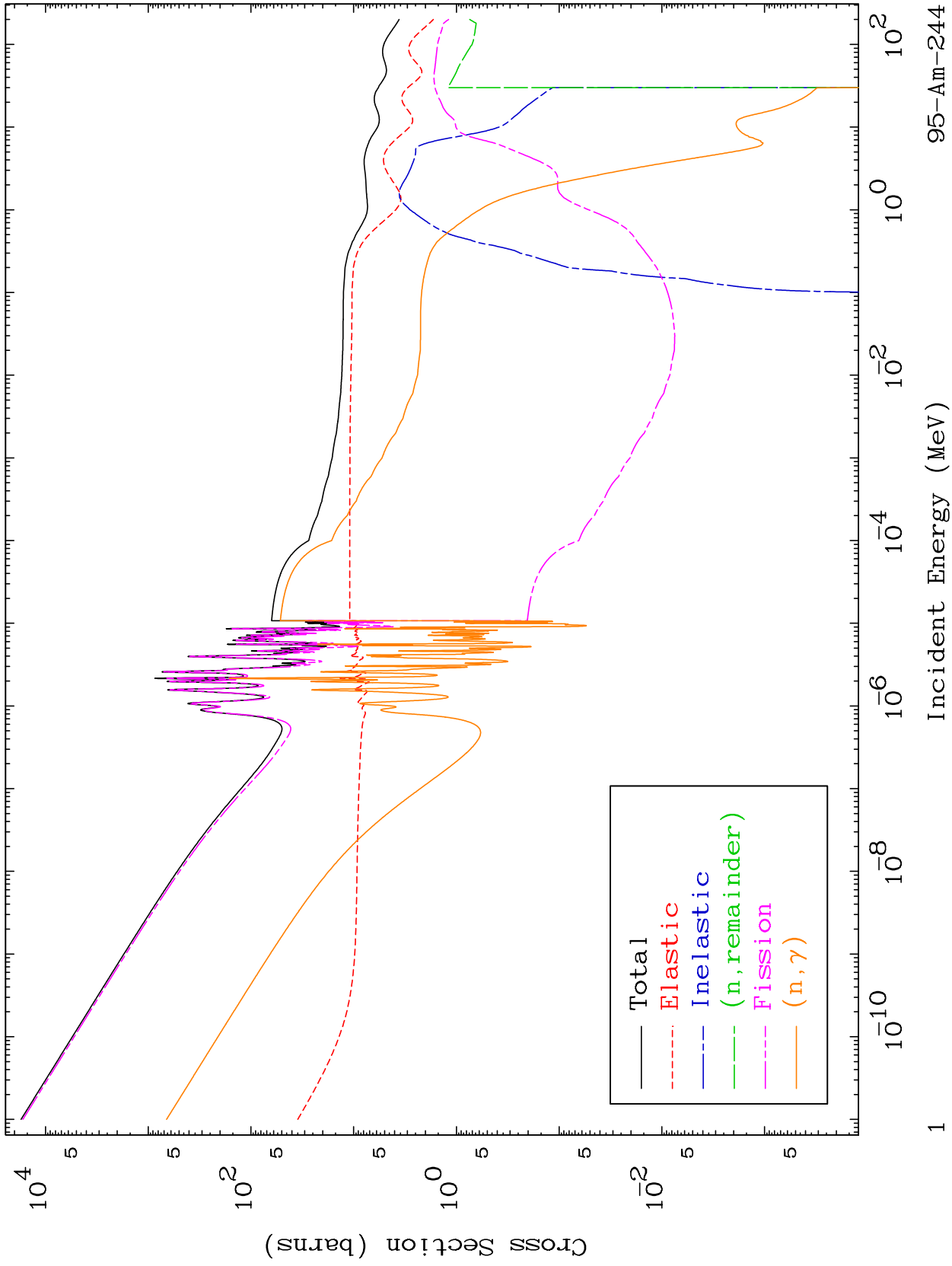
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9552

Major
293 Kelvin Cross Sections

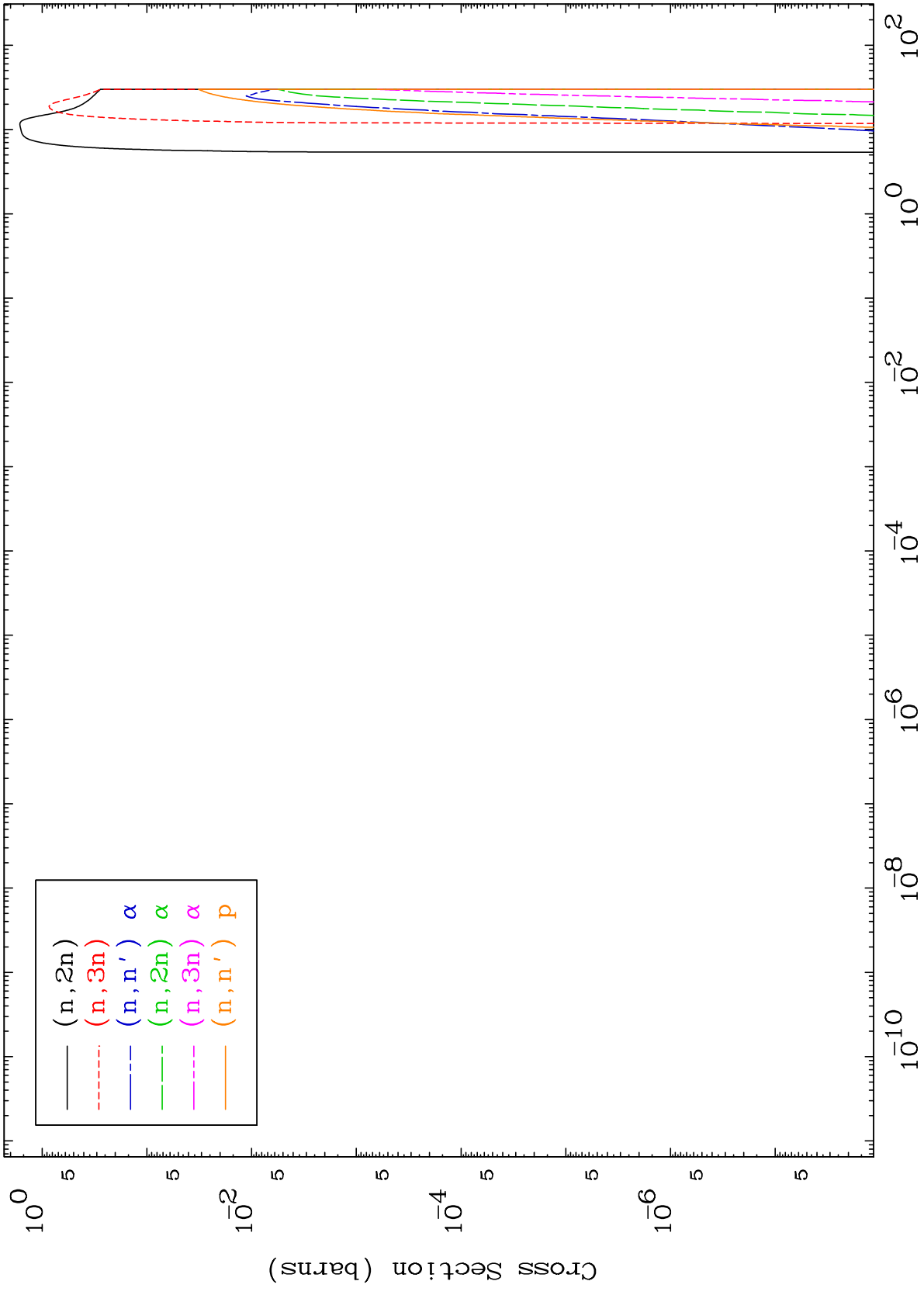
95-Am-244



MAT 9552

Neutron Production
293 Kelvin Cross Sections

95-Am-244

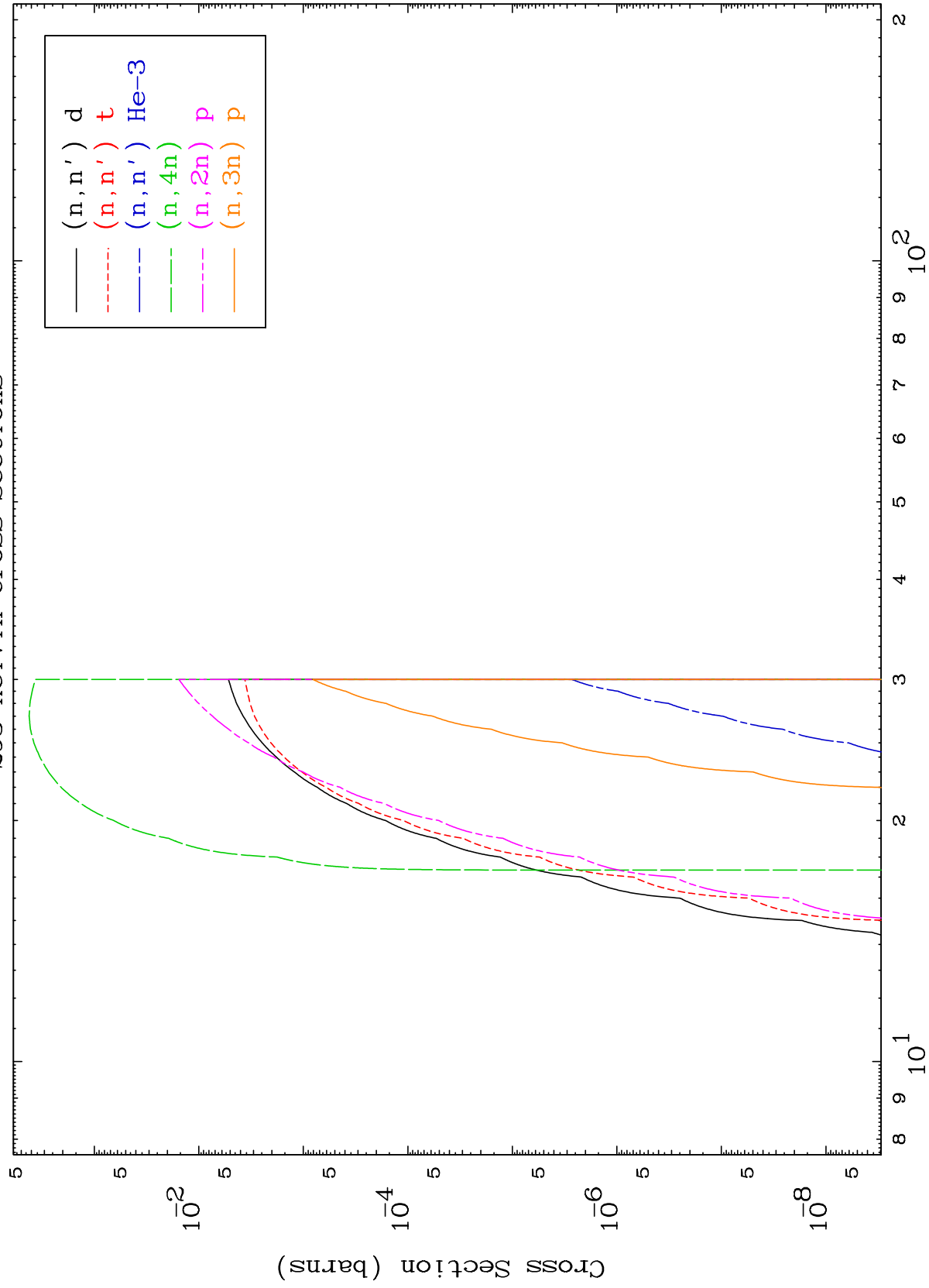


95-Am-244

MAT 9552

Neutron Production
293 Kelvin Cross Sections

95-Am-244



3

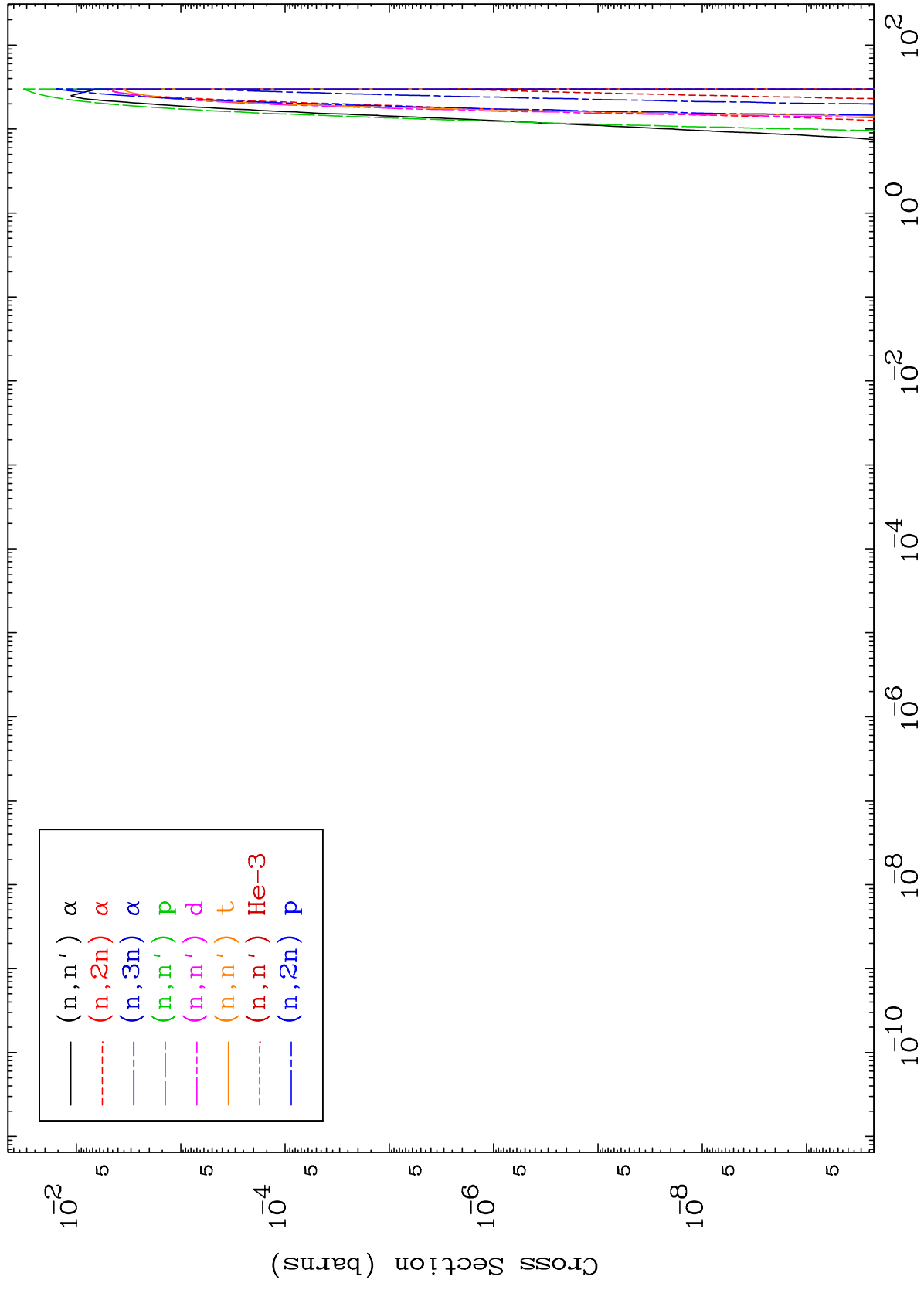
Incident Energy (MeV)

95-Am-244

MAT 9552

Charged Particle
293 Kelvin Cross Sections

95-Am-244

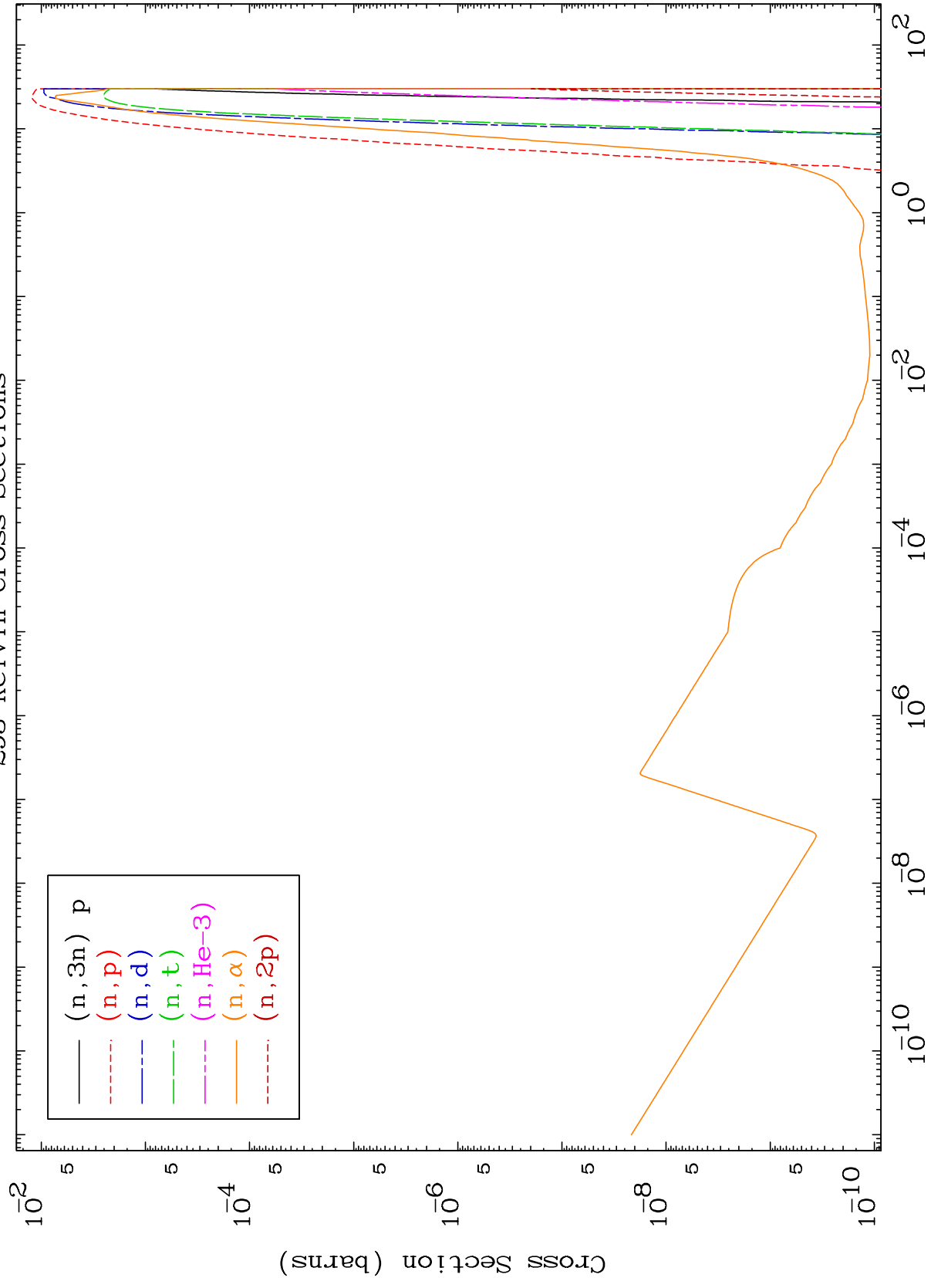


95-Am-244

MAT 9552

Charged Particle
293 Kelvin Cross Sections

95-Am-244



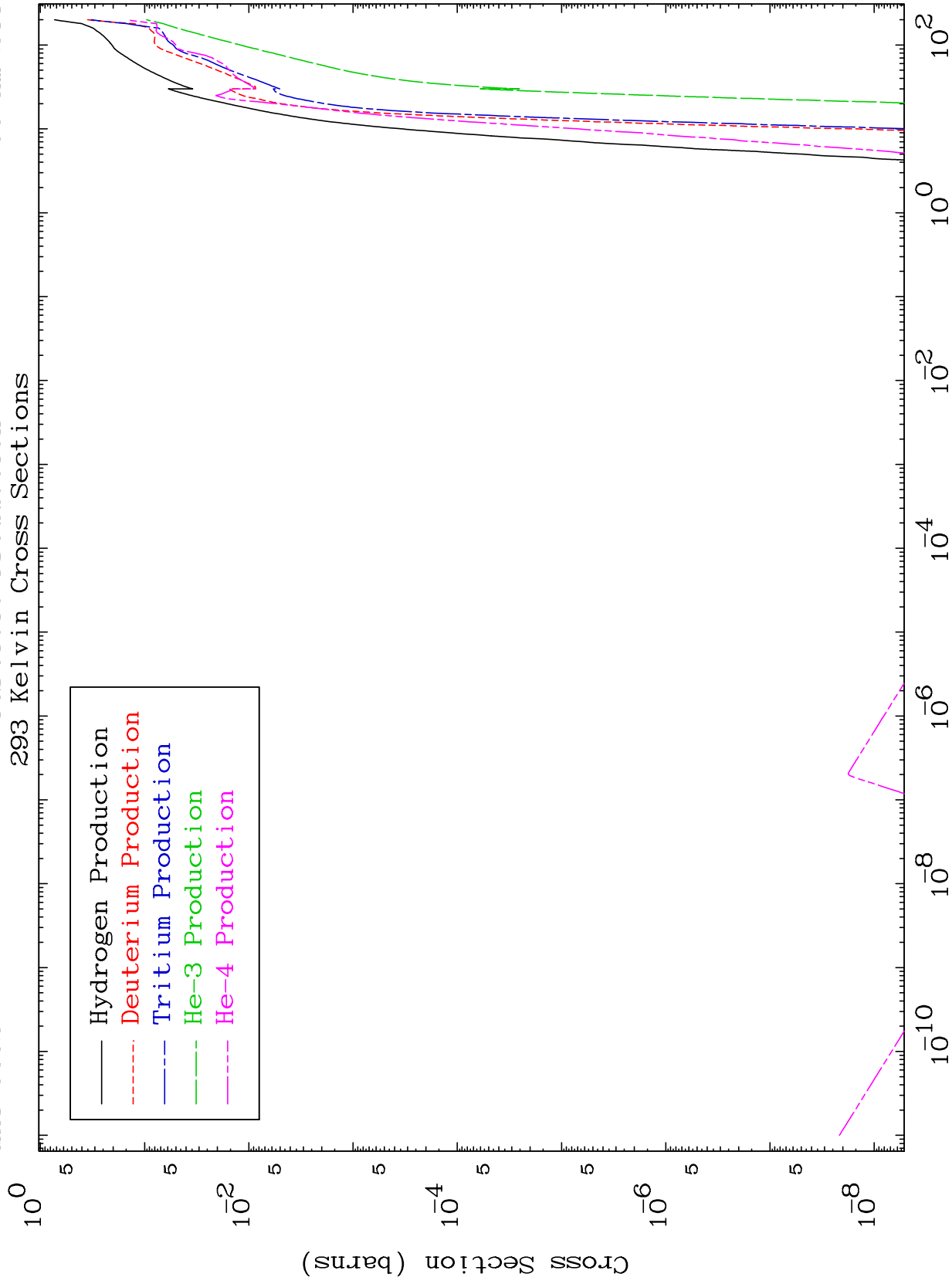
5

95-Am-244

MAT 9552

Particle Production
293 Kelvin Cross Sections

95-Am-244



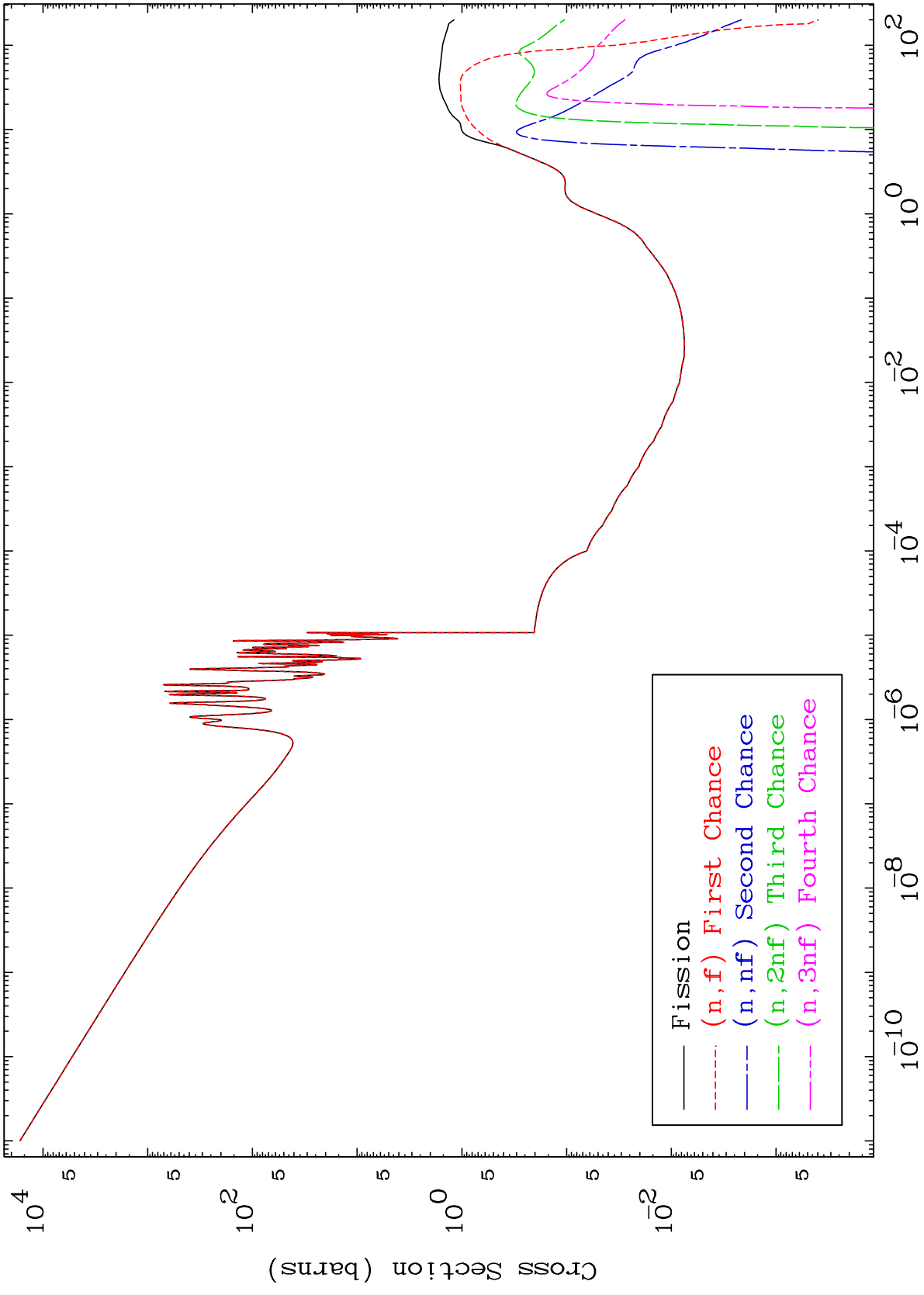
6

95-Am-244

MAT 9552

Fission
293 Kelvin Cross Sections

95-Am-244



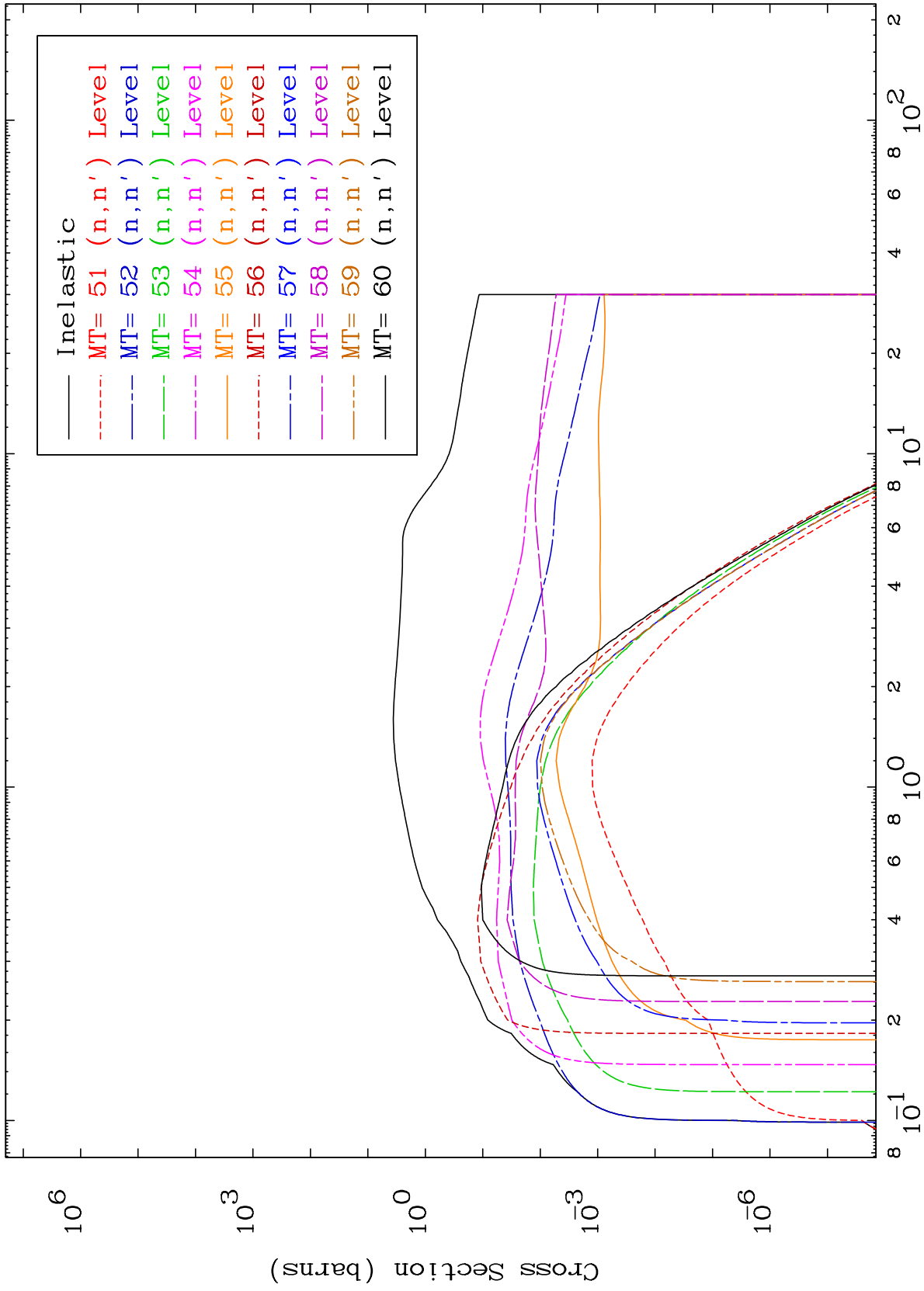
95-Am-244

MAT 9552

(n,n') Level

95-Am-244

293 Kelvin Cross Sections



8

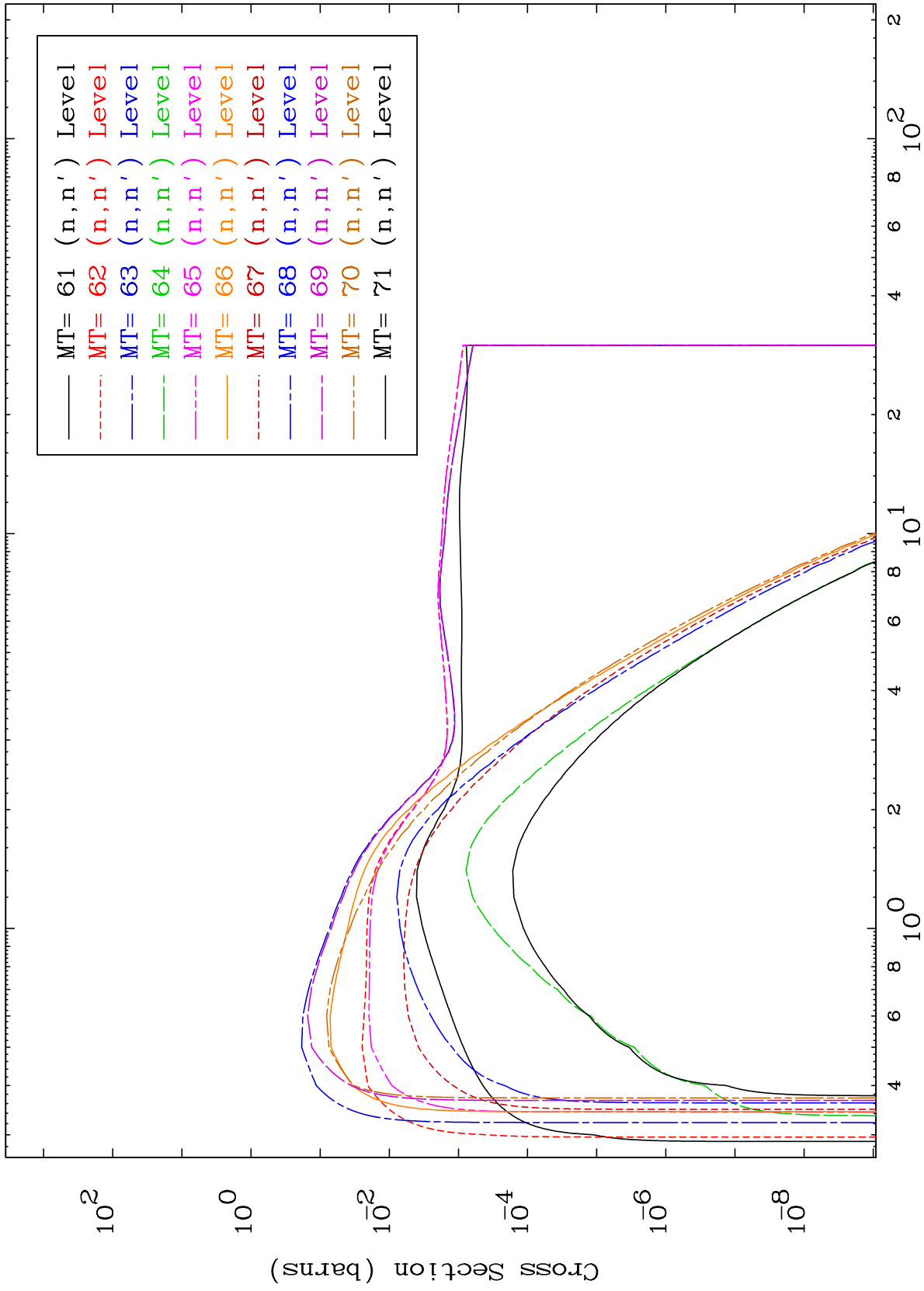
Incident Energy (MeV)

95-Am-244

MAT 9552

(n,n') Level
293 Kelvin Cross Sections

95-Am-244



9

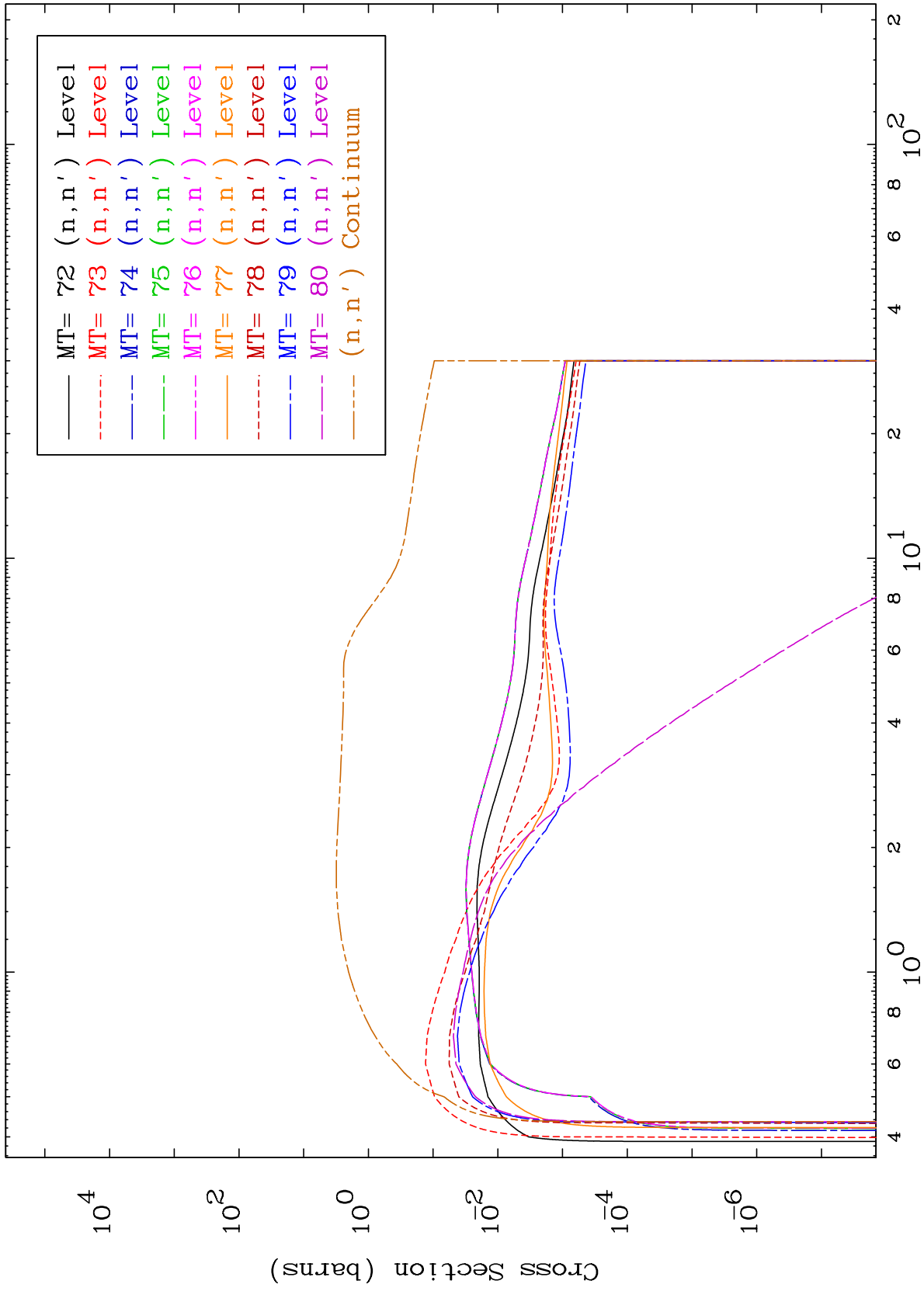
Incident Energy (MeV)

95-Am-244

MAT 9552

(n,n') Level
293 Kelvin Cross Sections

95-Am-244



10

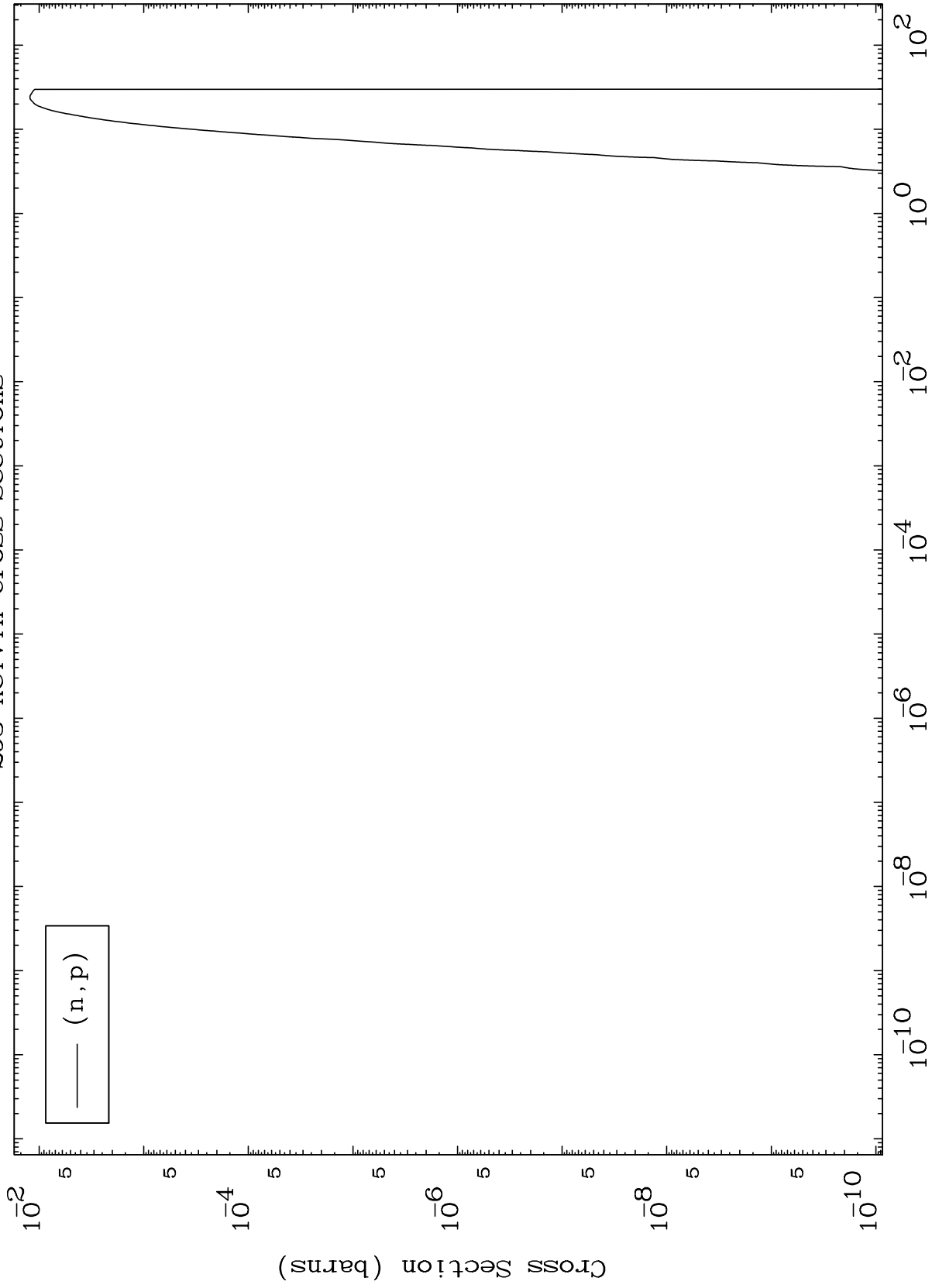
Incident Energy (MeV)

95-Am-244

MAT 9552

(n,p) Levels
293 Kelvin Cross Sections

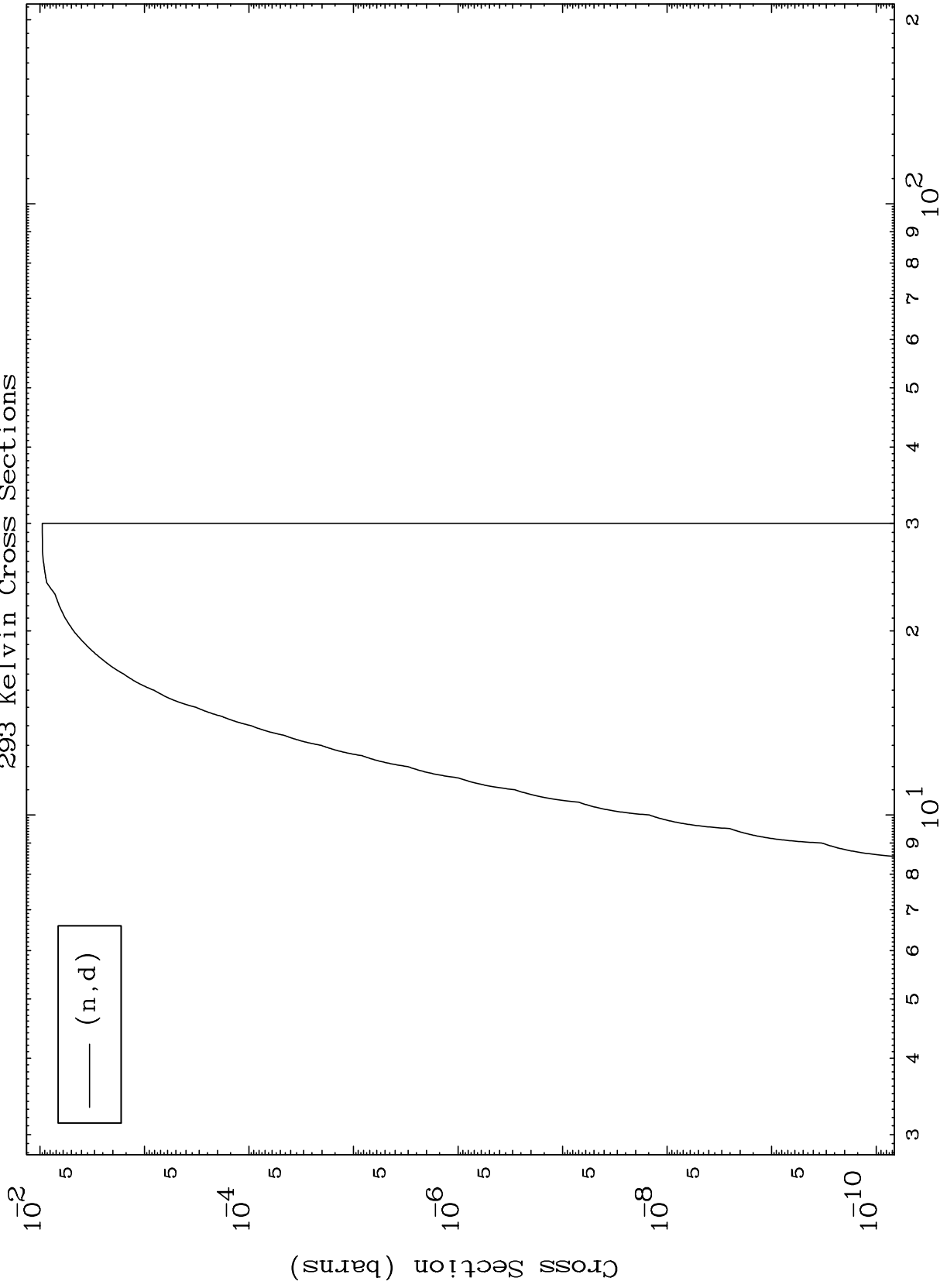
95-Am-244



MAT 9552

(n,d) Levels
293 Kelvin Cross Sections

95-Am-244



12

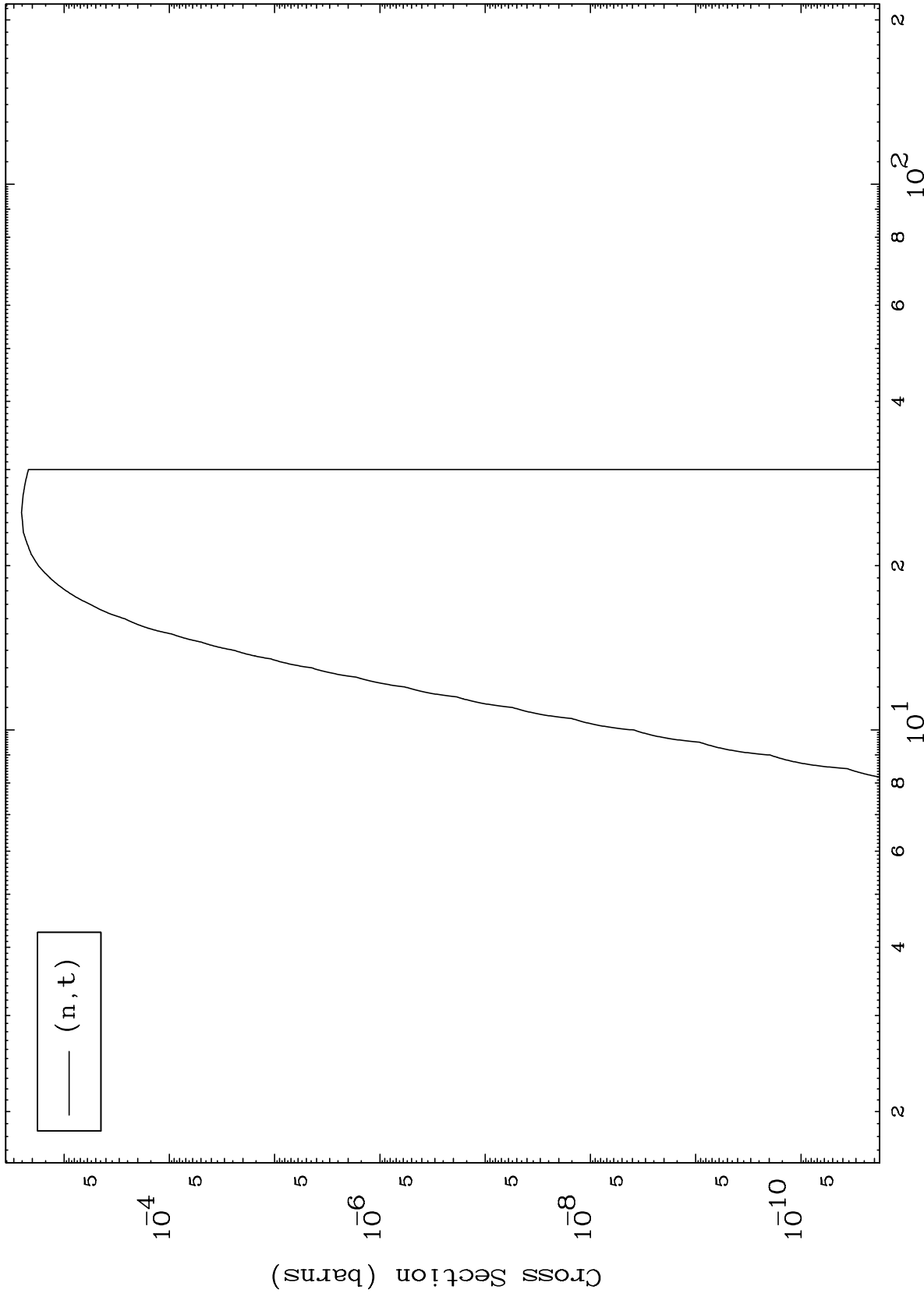
Incident Energy (MeV)

95-Am-244

MAT 9552

(n,t) Levels
293 Kelvin Cross Sections

95-Am-244



13

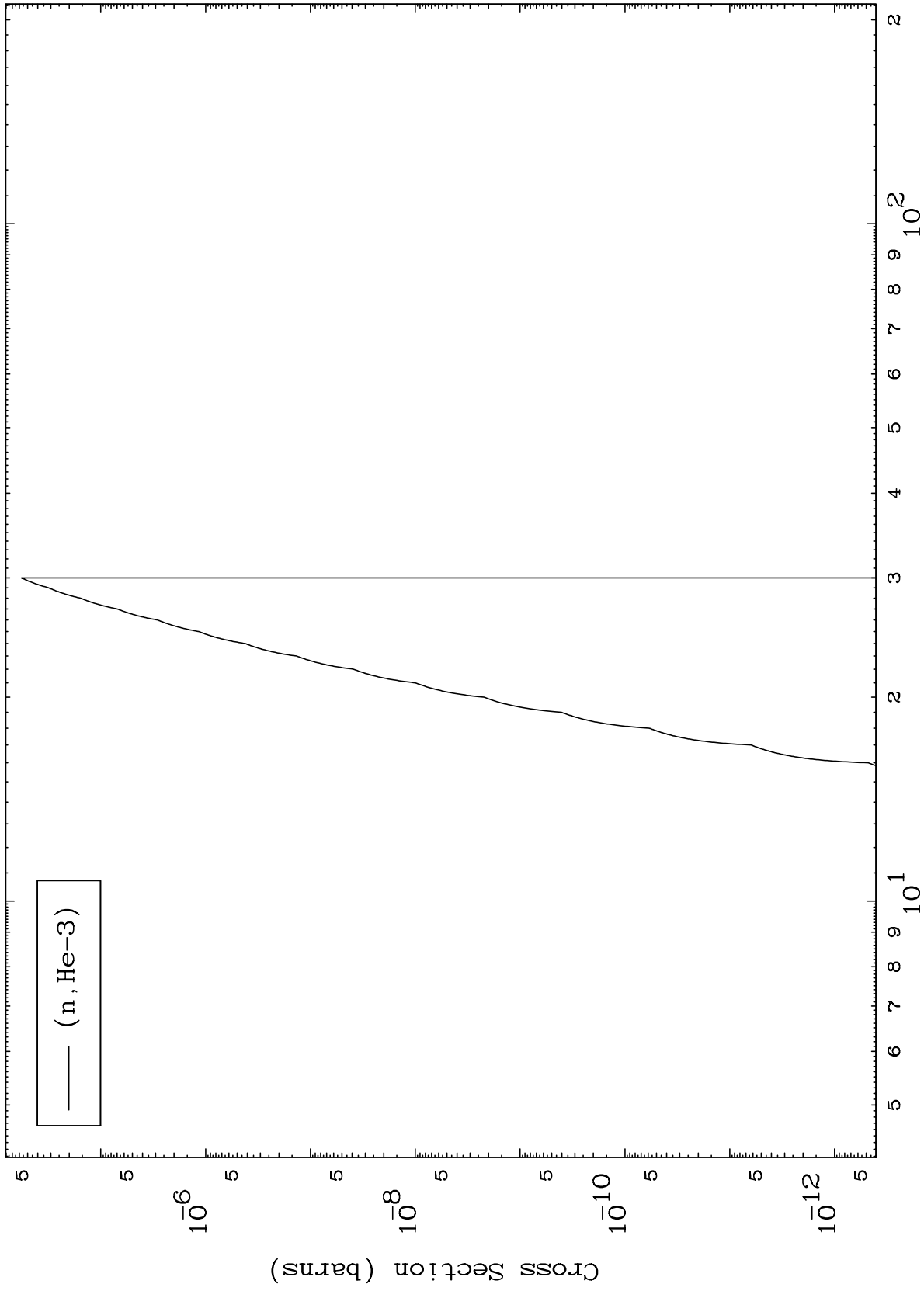
Incident Energy (MeV)

95-Am-244

MAT 9552

(n,He3) Levels
293 Kelvin Cross Sections

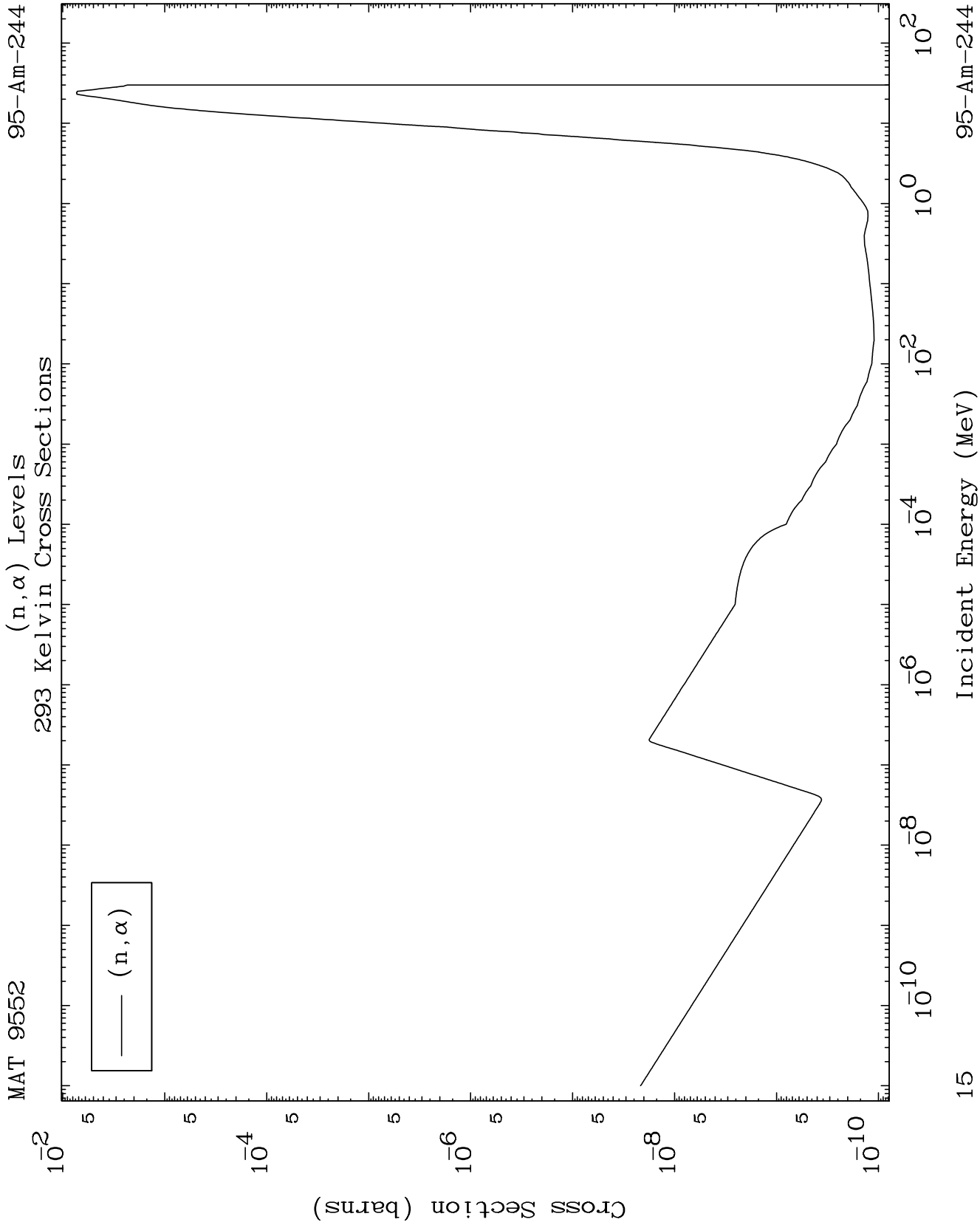
95-Am-244

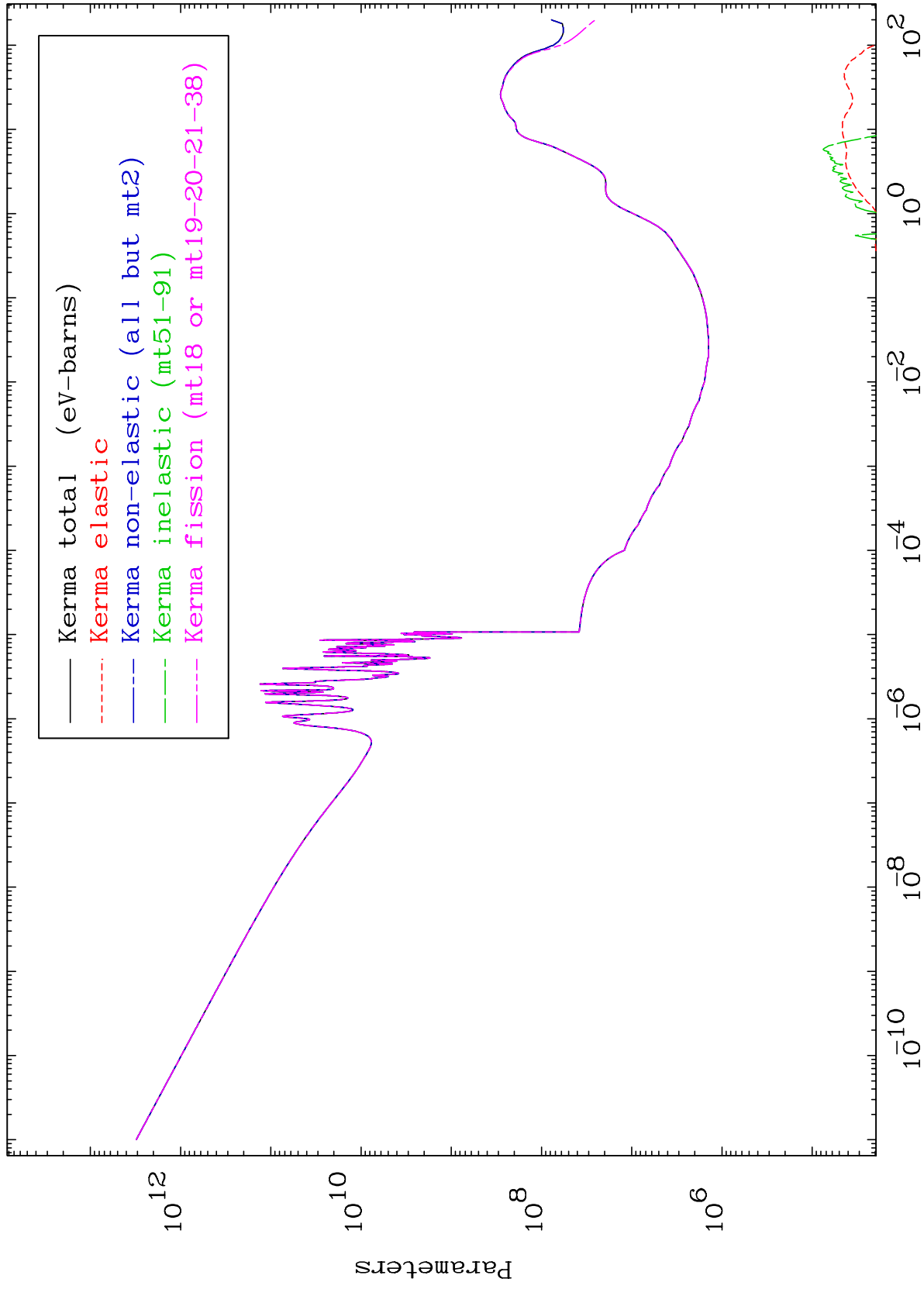


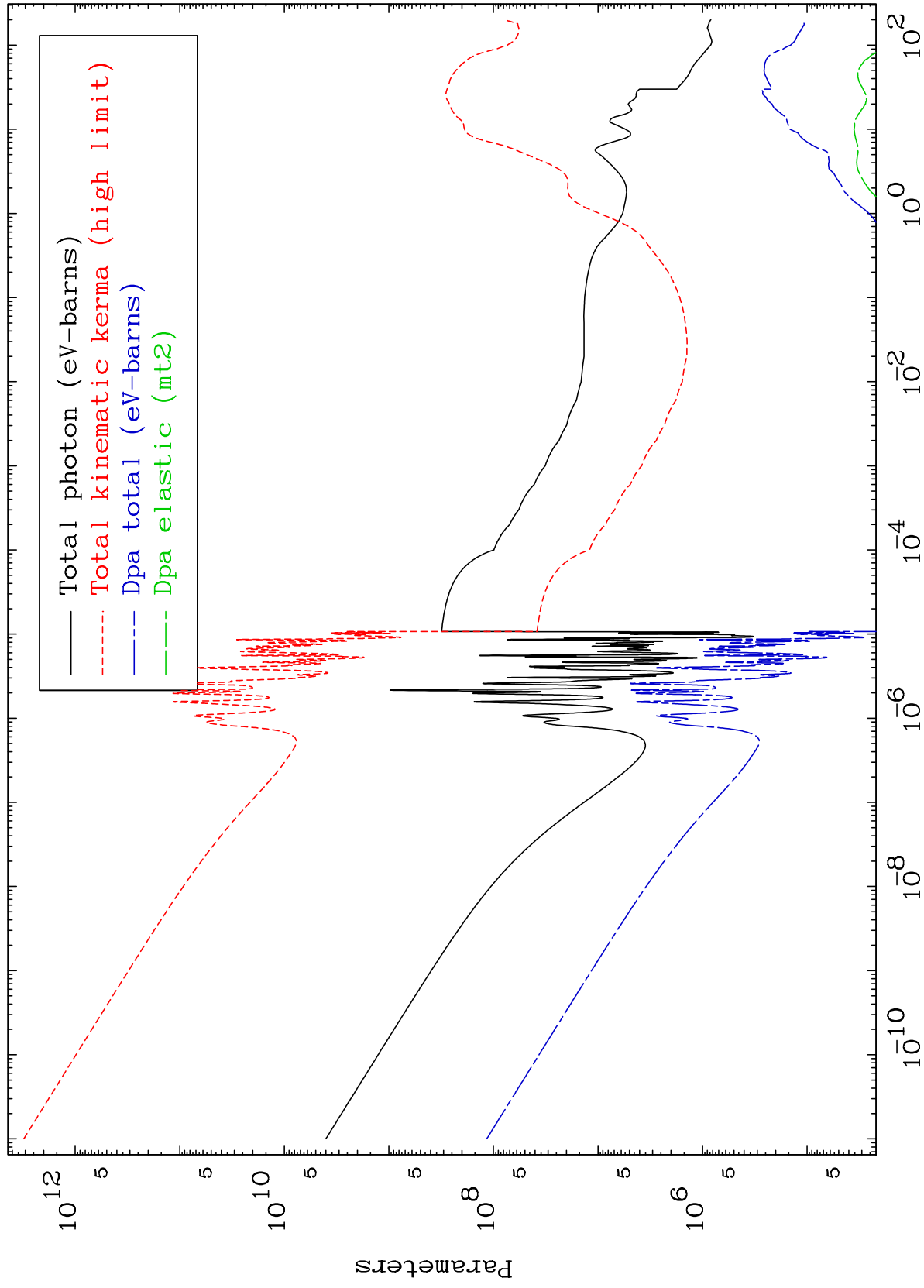
14

Incident Energy (MeV)

95-Am-244



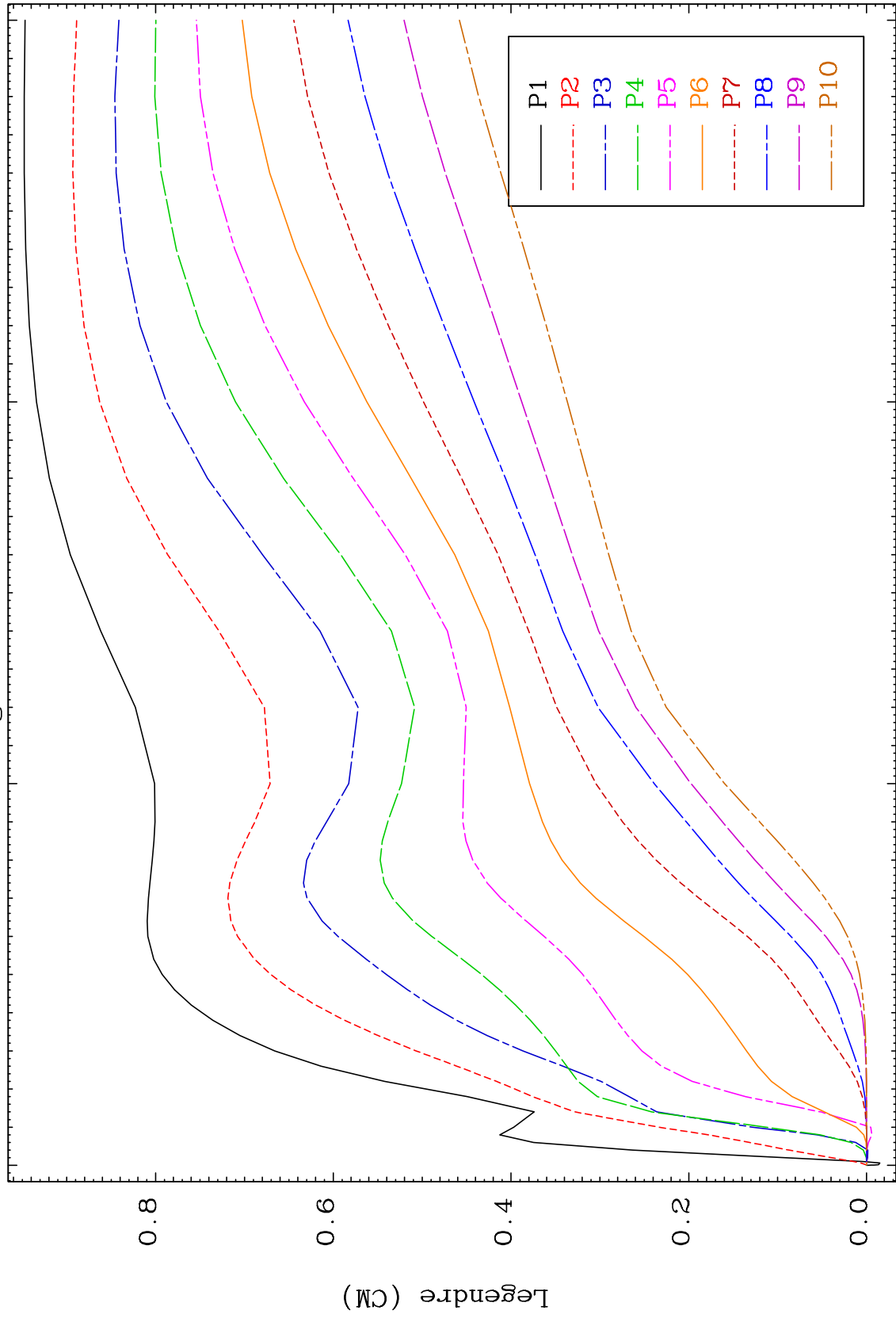




MAT 9552

Elastic Legendre Coefficients

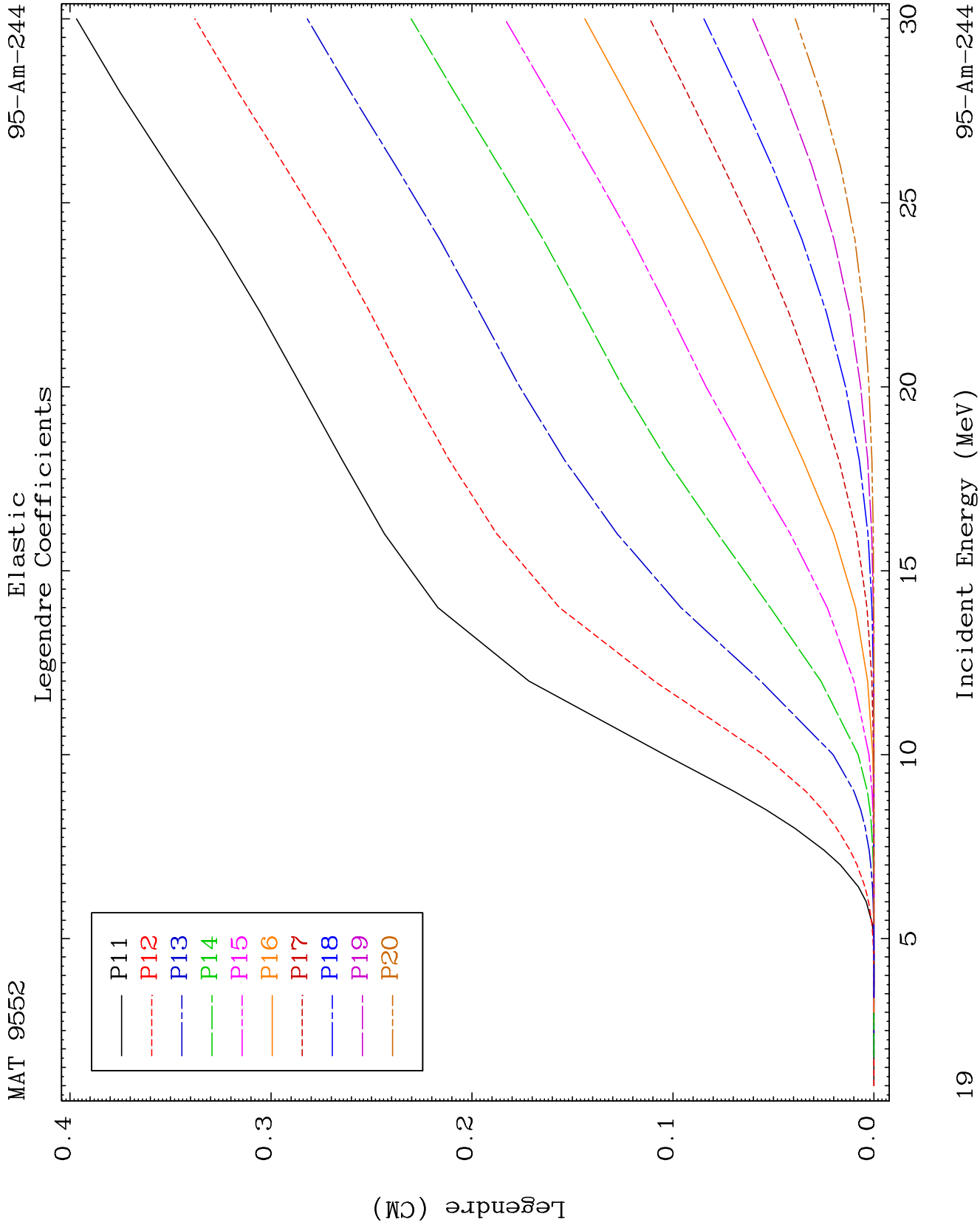
95-Am-244



18

Incident Energy (MeV)

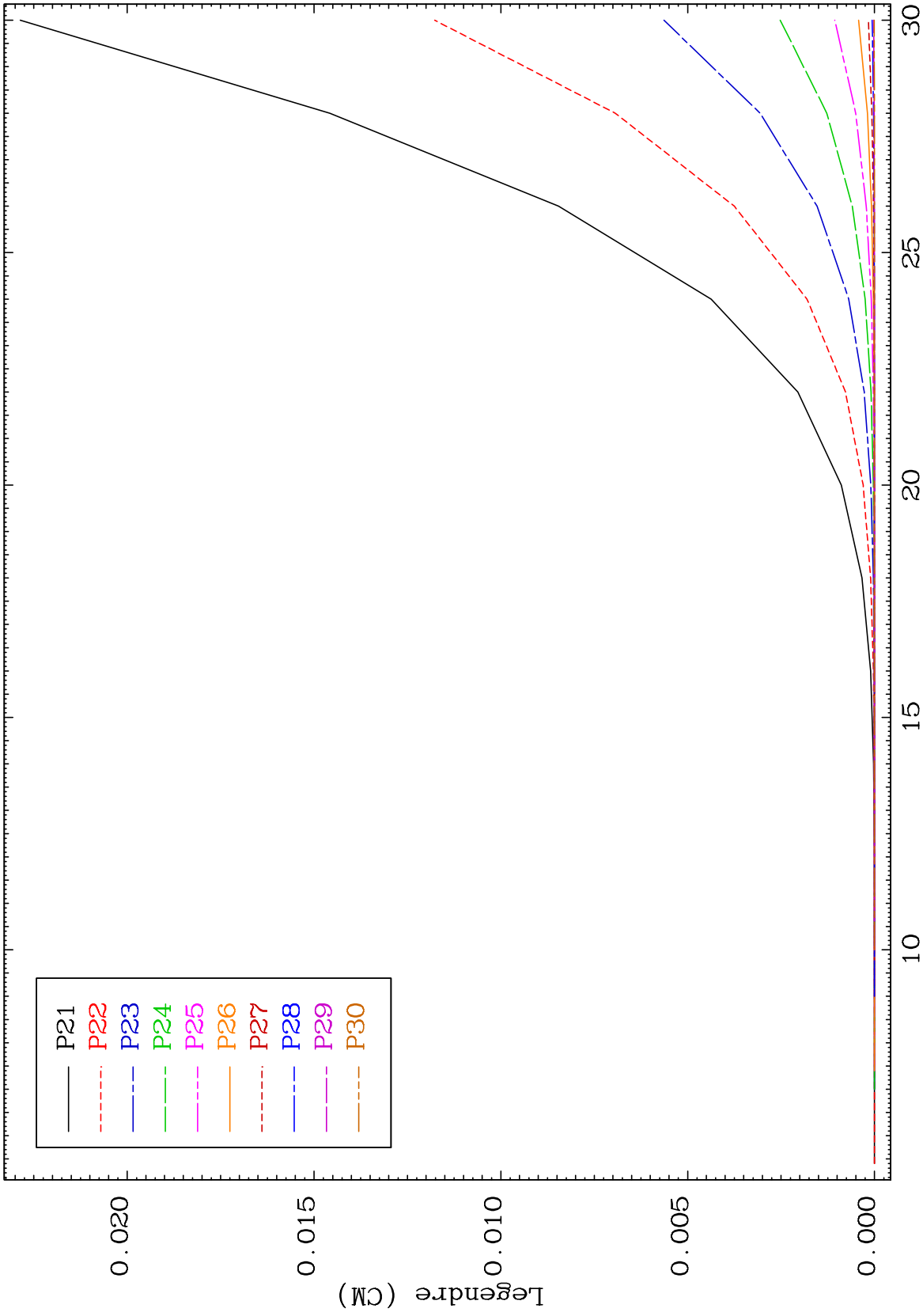
95-Am-244



MAT 9552

Elastic Legendre Coefficients

95-Am-244



20

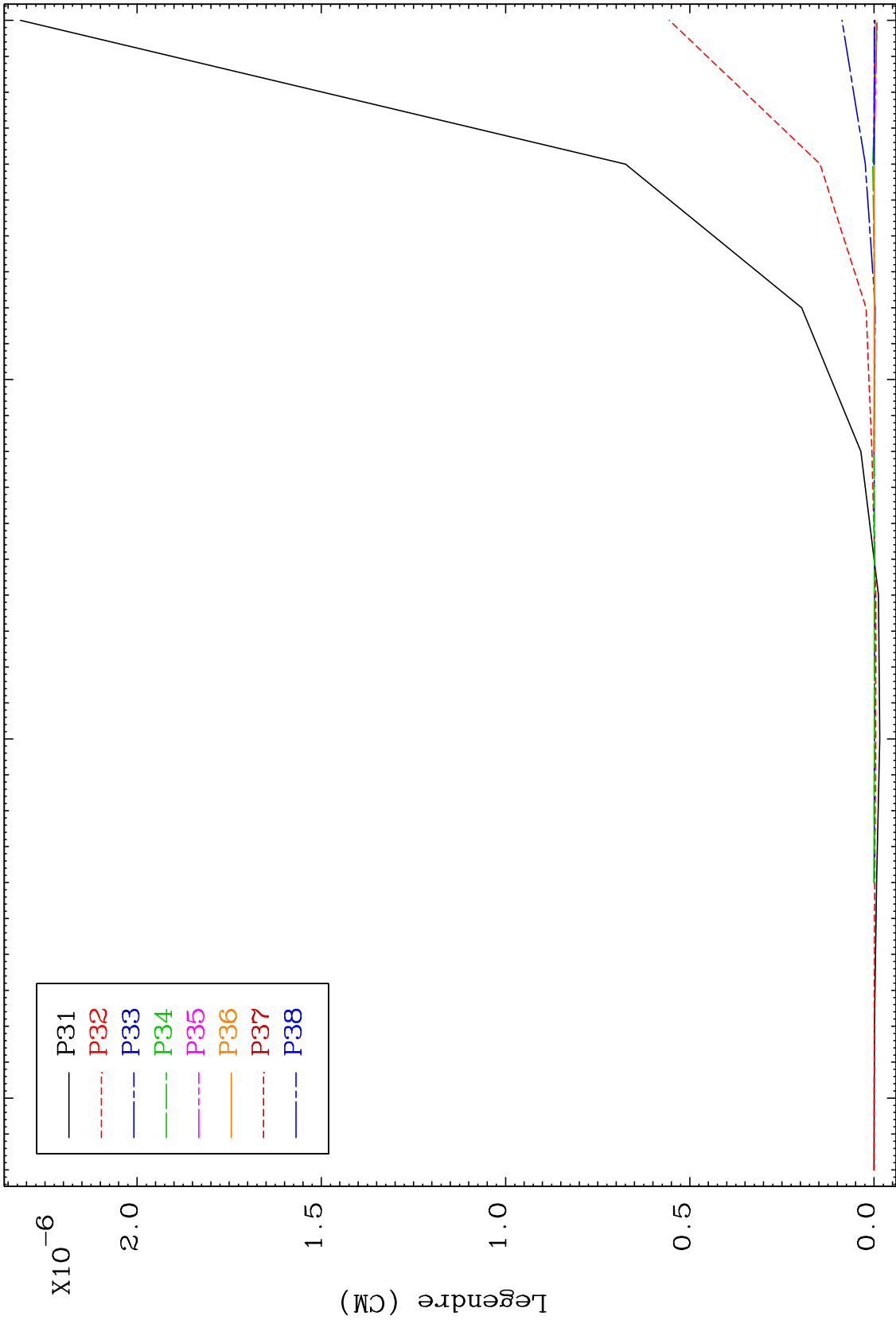
Incident Energy (MeV)

95-Am-244

MAT 9552

Elastic Legendre Coefficients

95-Am-244



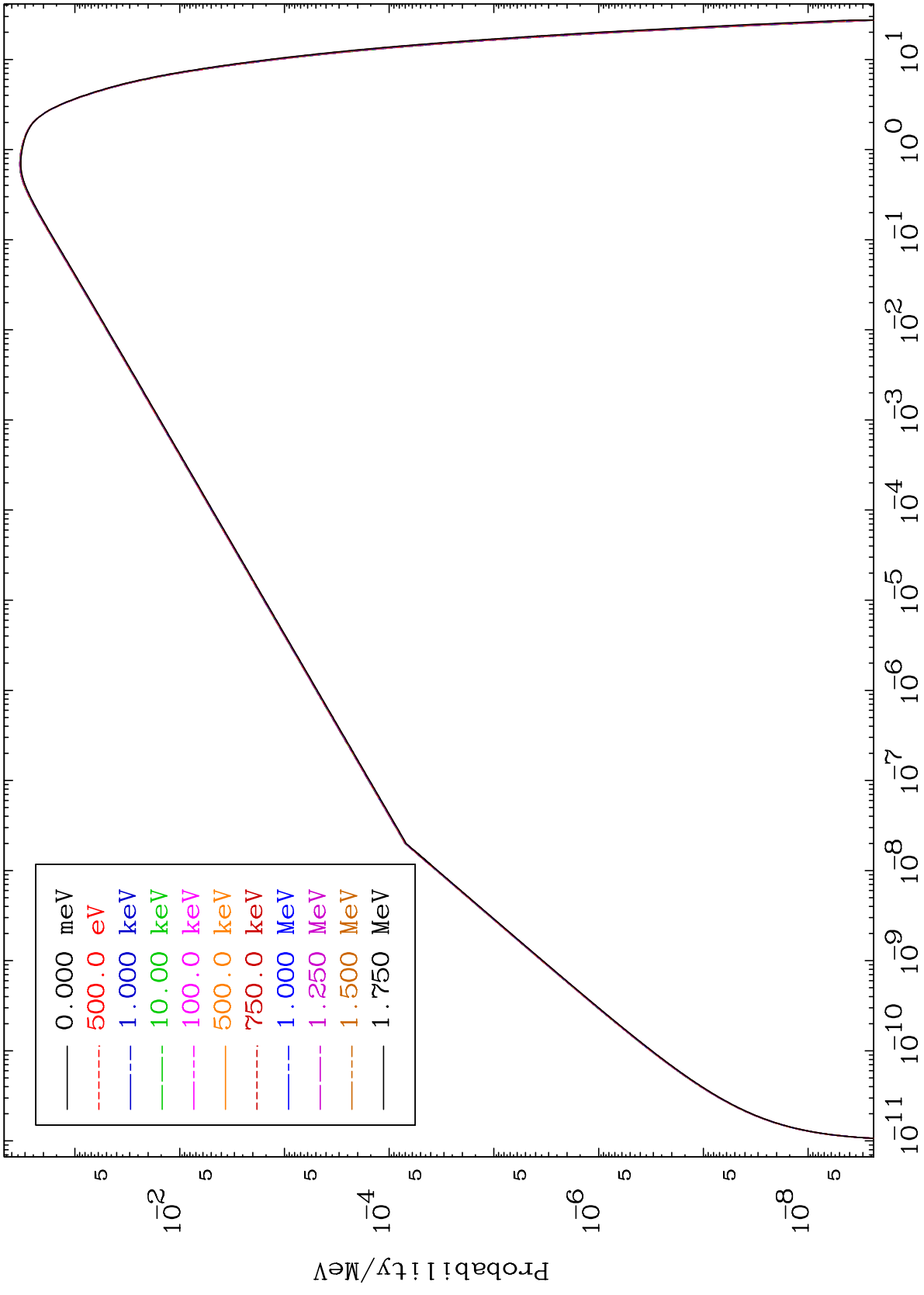
21

95-Am-244

MAT 9552

Fission Energy Distribution

95-Am-244



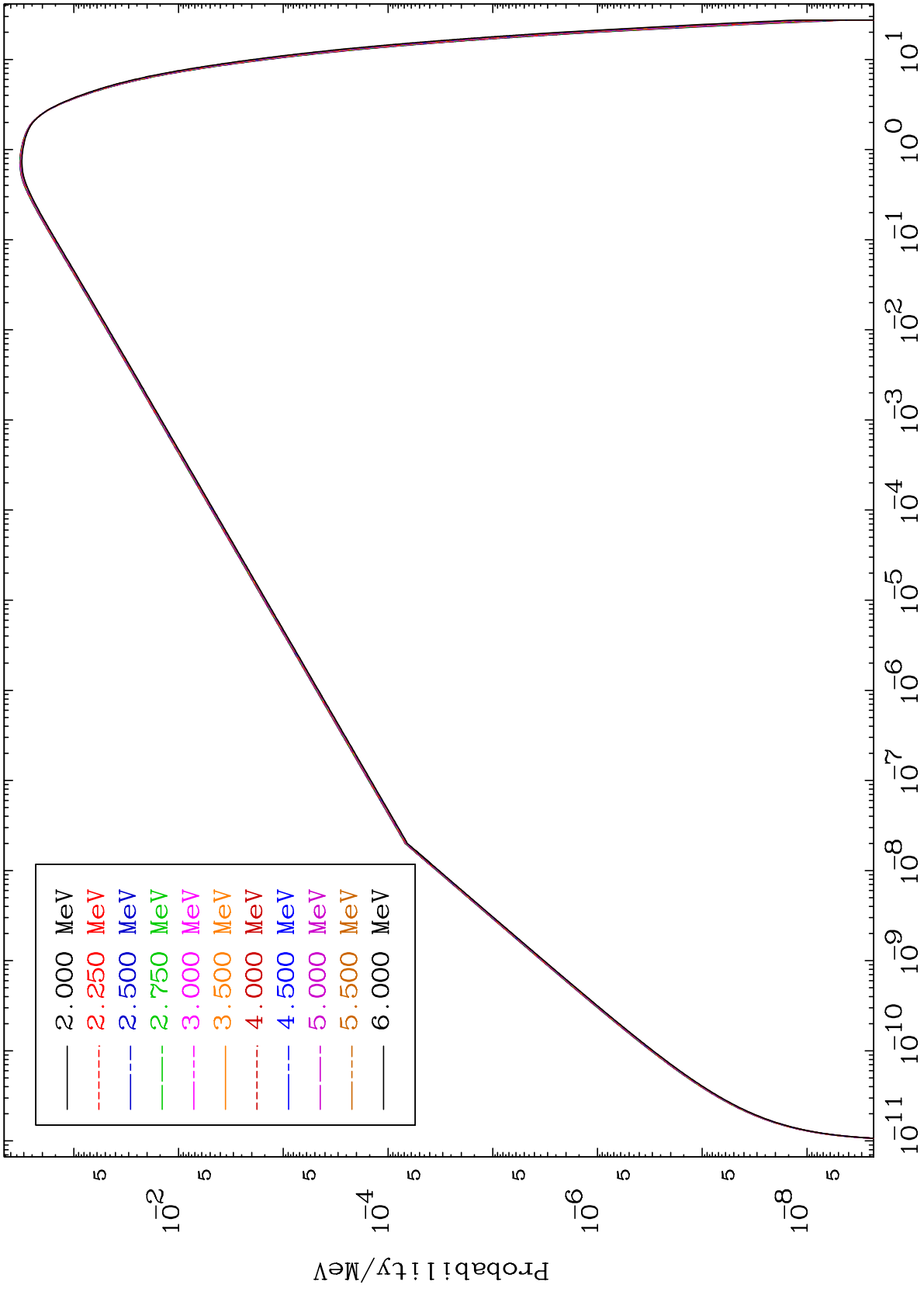
95-Am-244

Secondary Energy (MeV)

MAT 9552

Fission Energy Distribution

95-Am-244

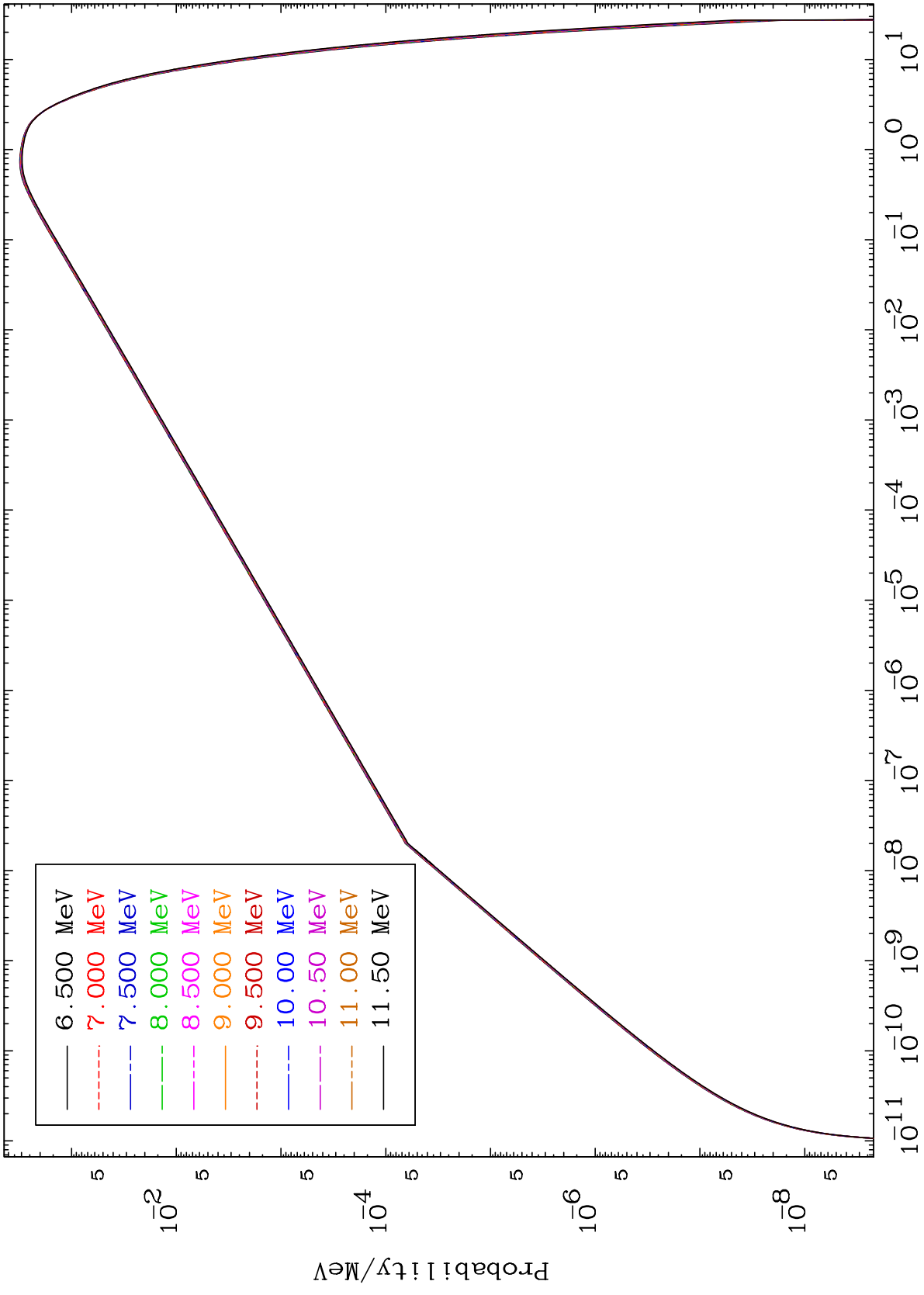


95-Am-244

MAT 9552

Fission Energy Distribution

95-Am-244

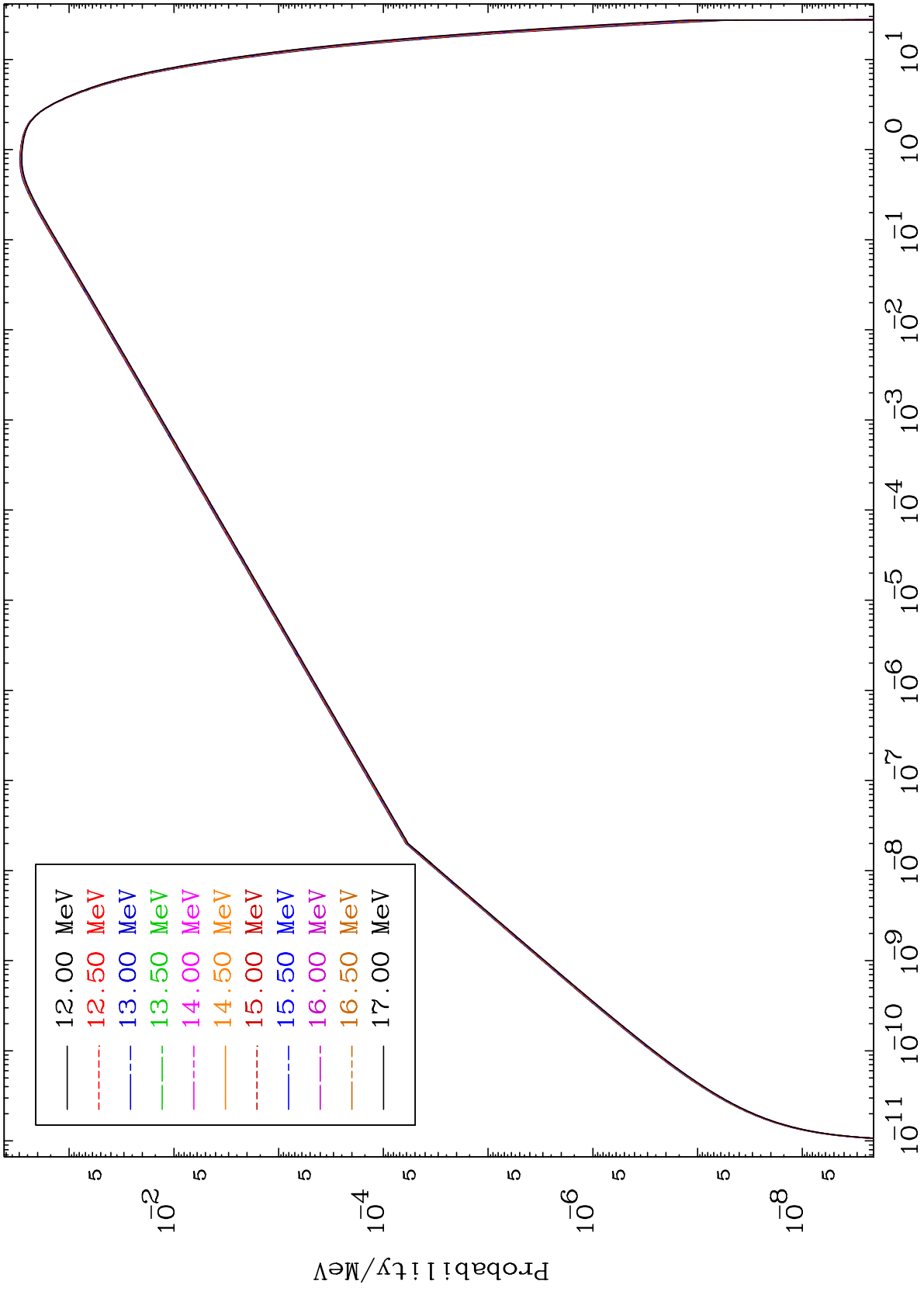


95-Am-244

MAT 9552

Fission Energy Distribution

95-Am-244



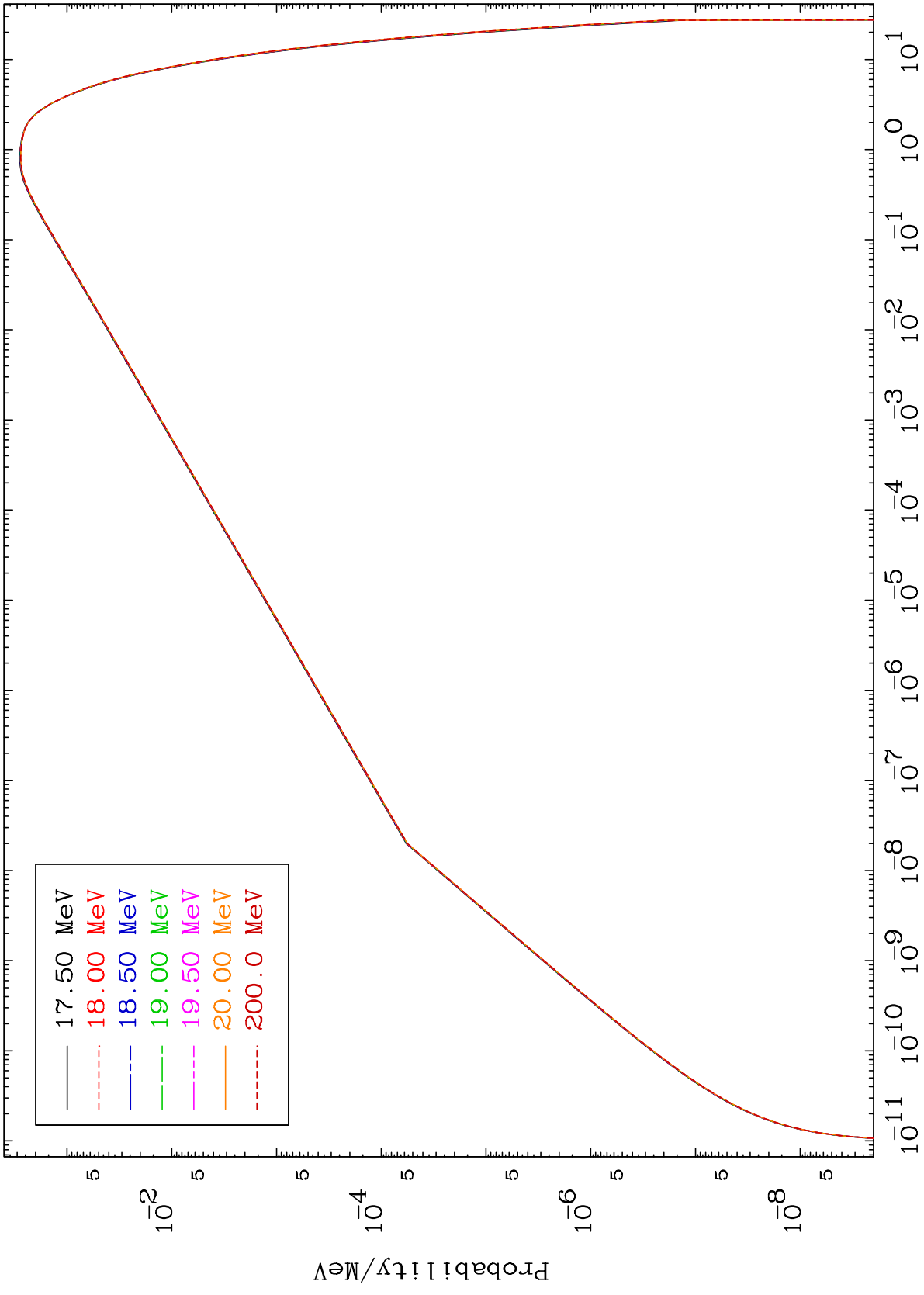
95-Am-244

Secondary Energy (MeV)

MAT 9552

Fission Energy Distribution

95-Am-244



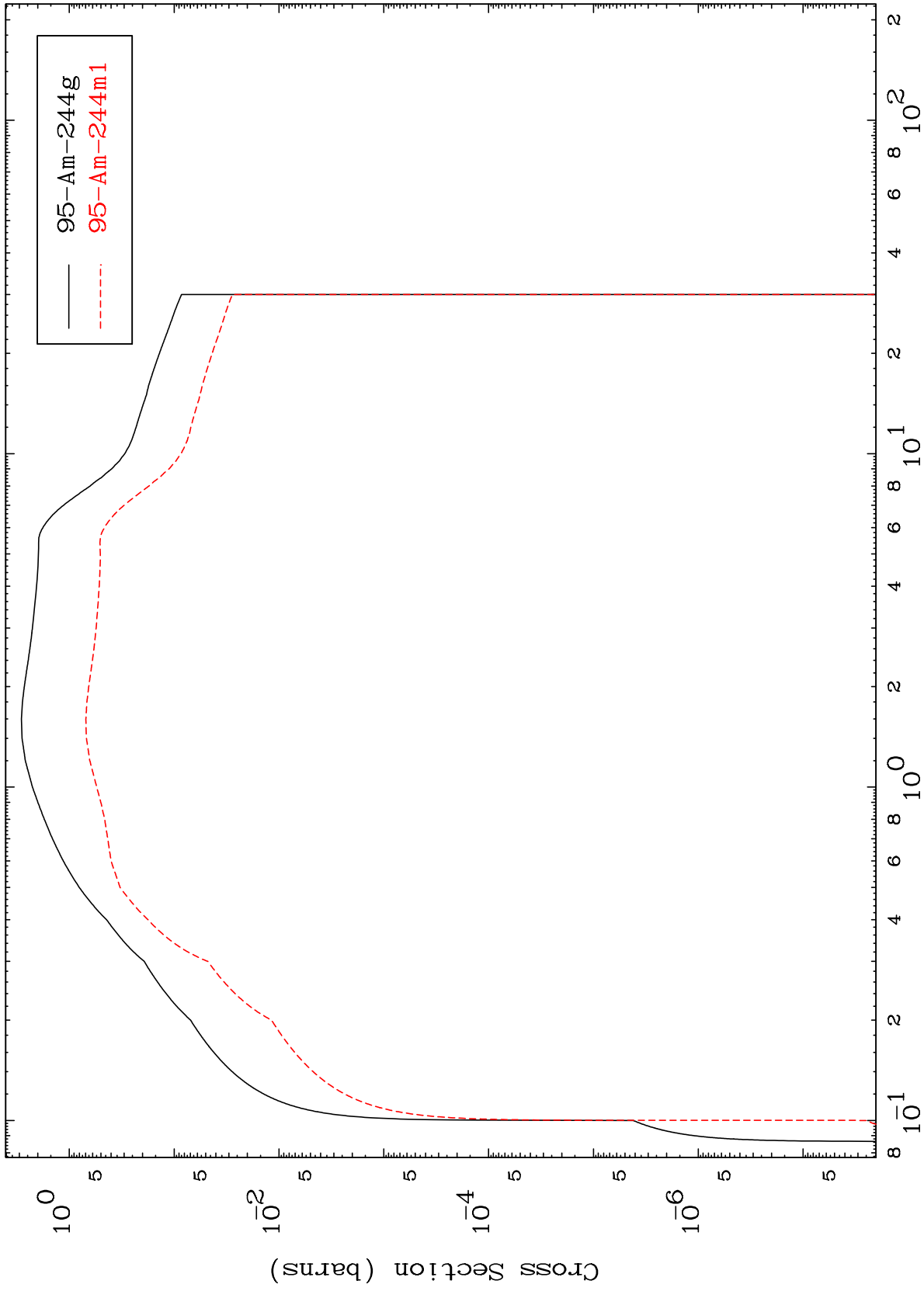
- 17.50 MeV
- 18.00 MeV
- 18.50 MeV
- 19.00 MeV
- 19.50 MeV
- 20.00 MeV
- 200.0 MeV

95-Am-244

MAT 9552

95-Am-244

Inelastic Radionuclide Production Cross Section



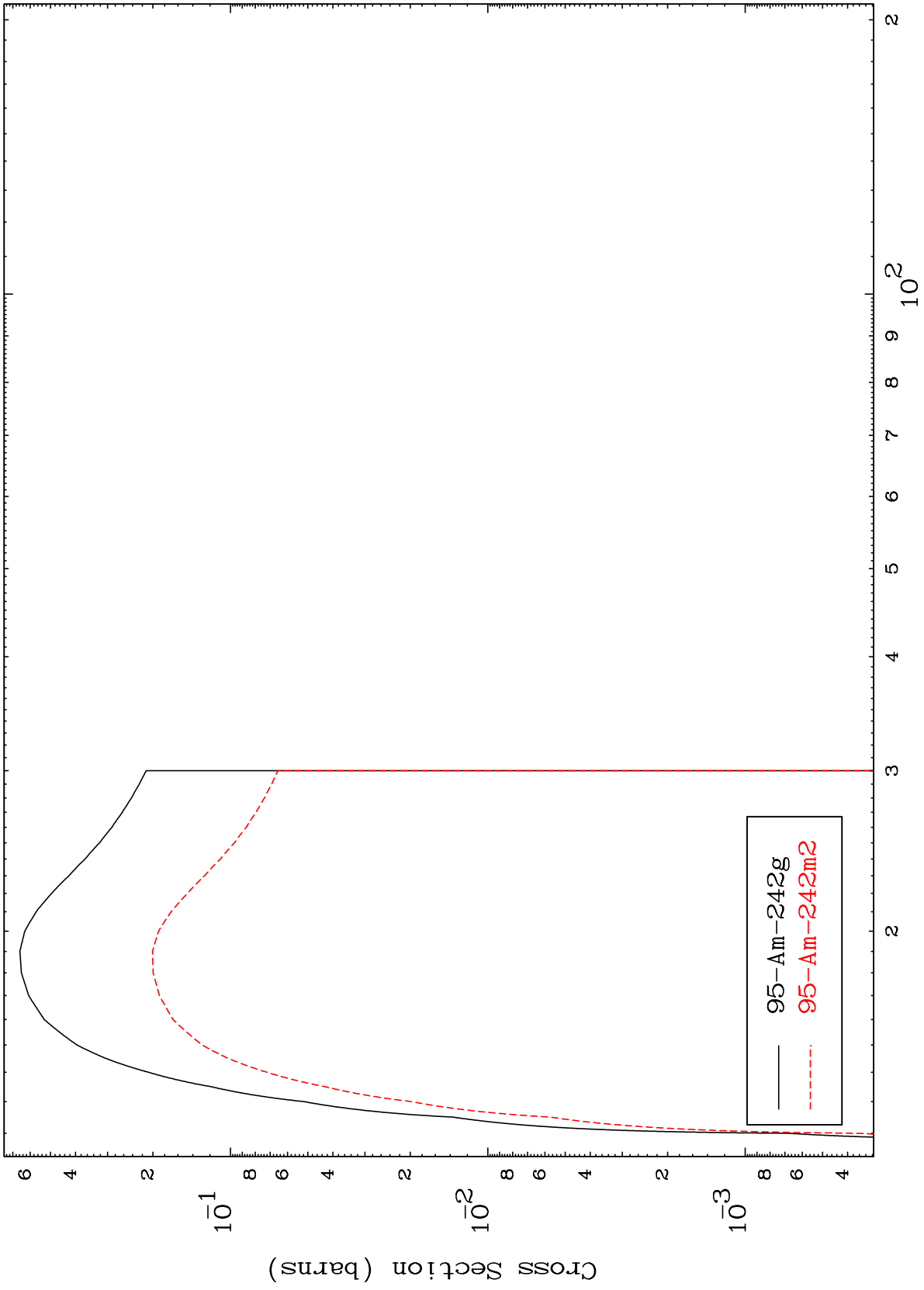
27

95-Am-244

MAT 9552

95-Am-244

(n,3n)
Radionuclide Production Cross Section



28

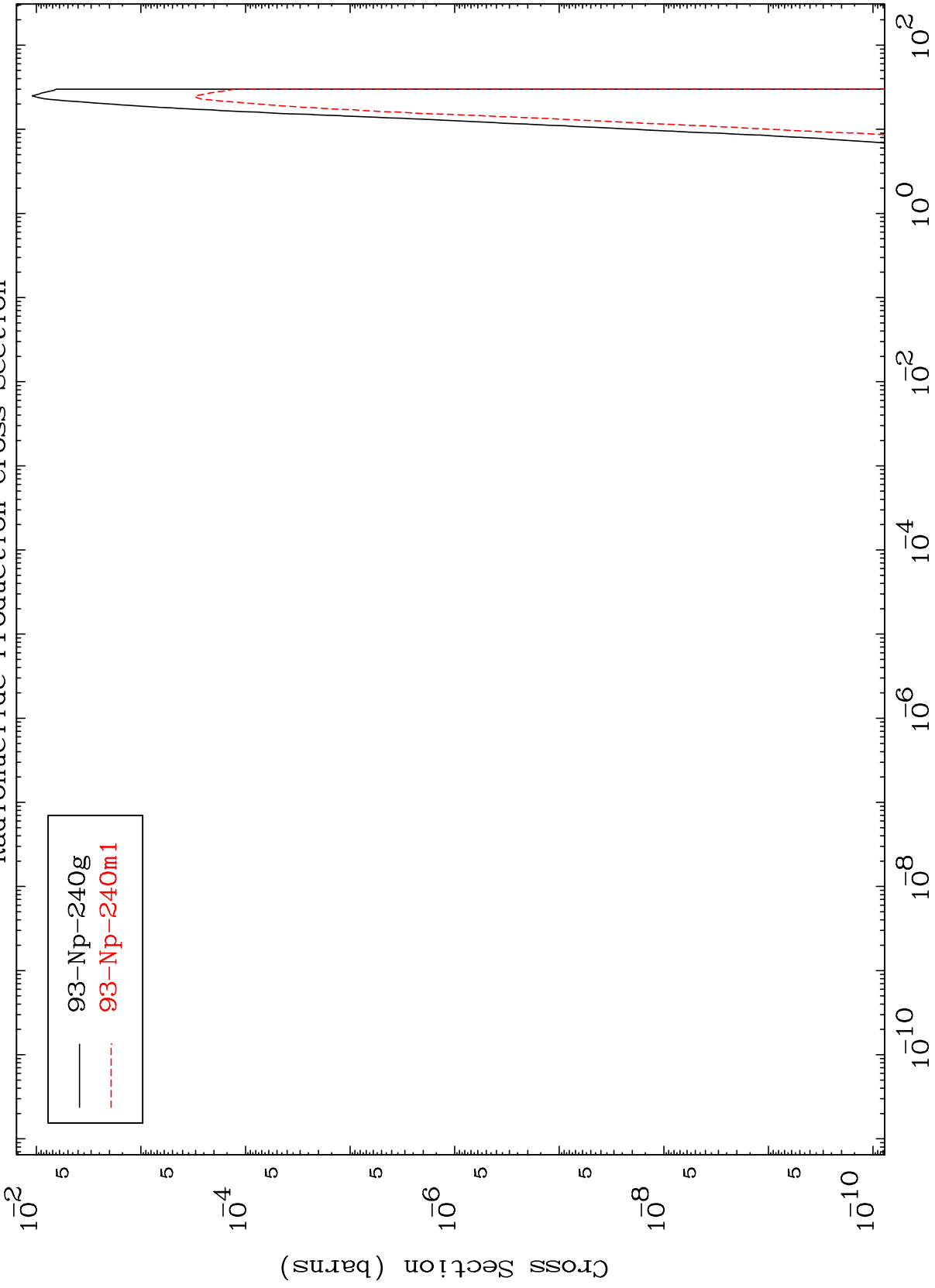
95-Am-244

MAT 9552

(n,n') α

95-Am-244

Radionuclide Production Cross Section



29

Incident Energy (MeV)

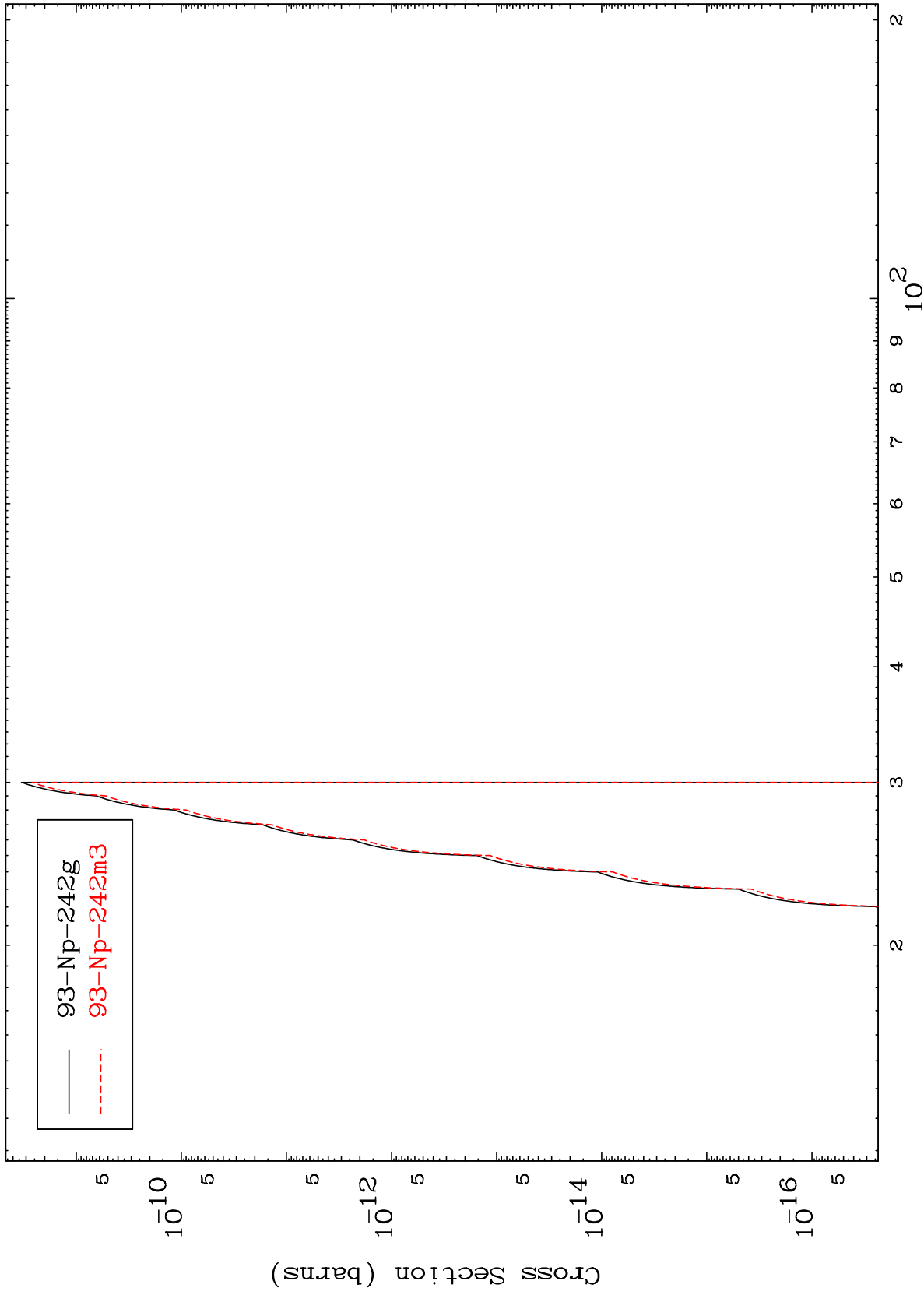
95-Am-244

MAT 9552

(n,2n) p

95-Am-244

Radionuclide Production Cross Section



30

Incident Energy (MeV)

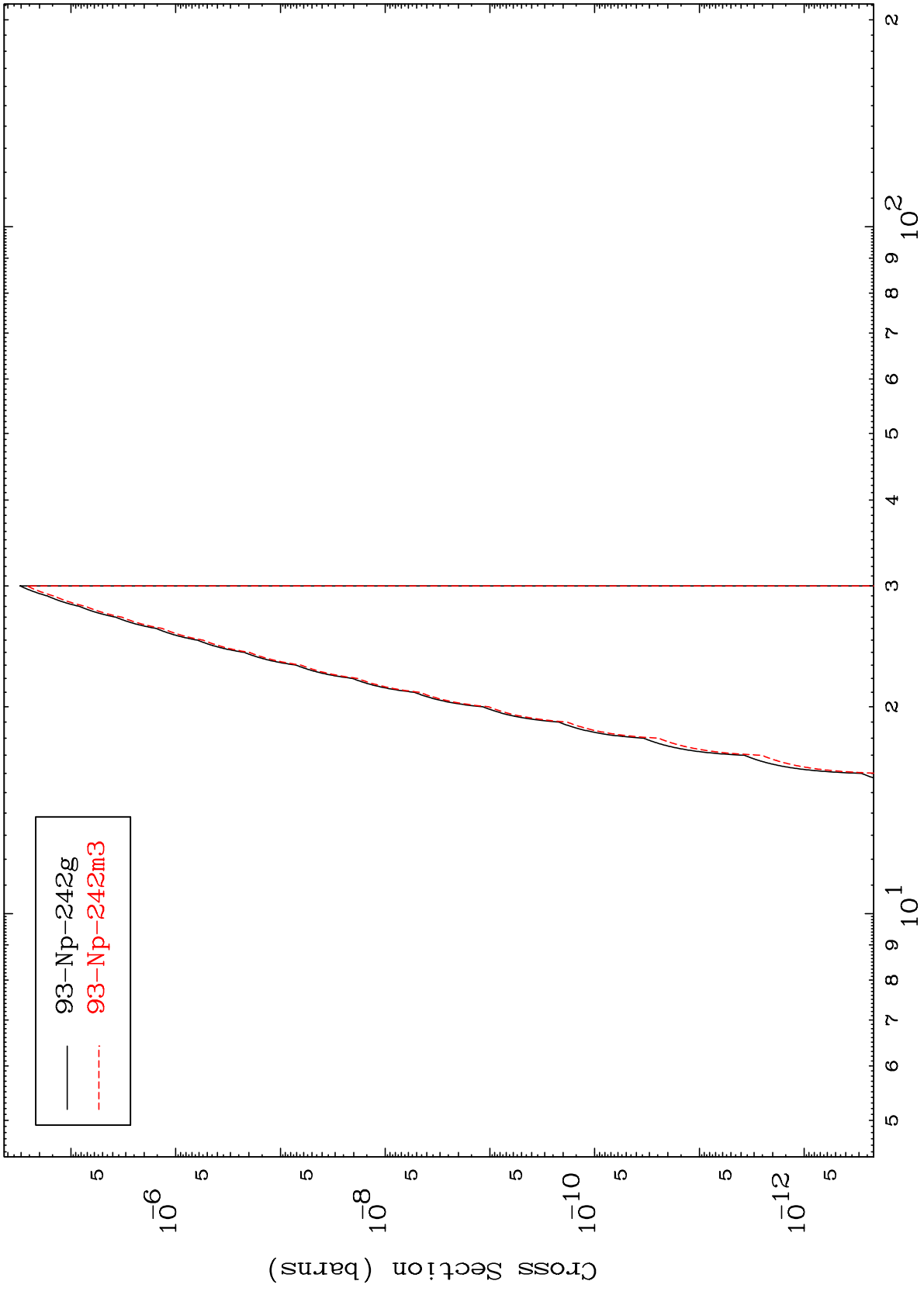
95-Am-244

MAT 9552

(n, He-3)

95-Am-244

Radionuclide Production Cross Section



31

Incident Energy (MeV)

95-Am-244