

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

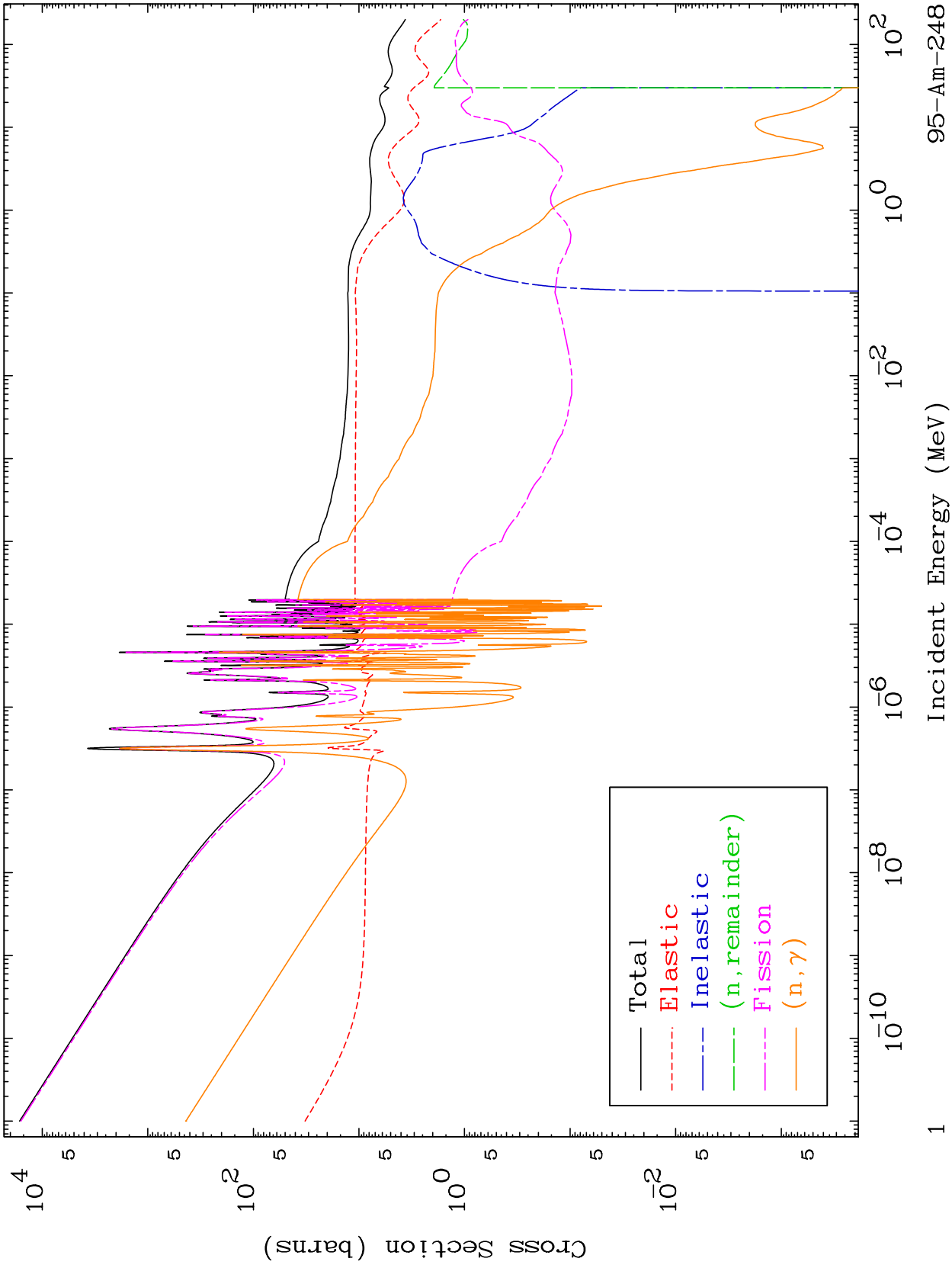
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9564

Major
293 Kelvin Cross Sections

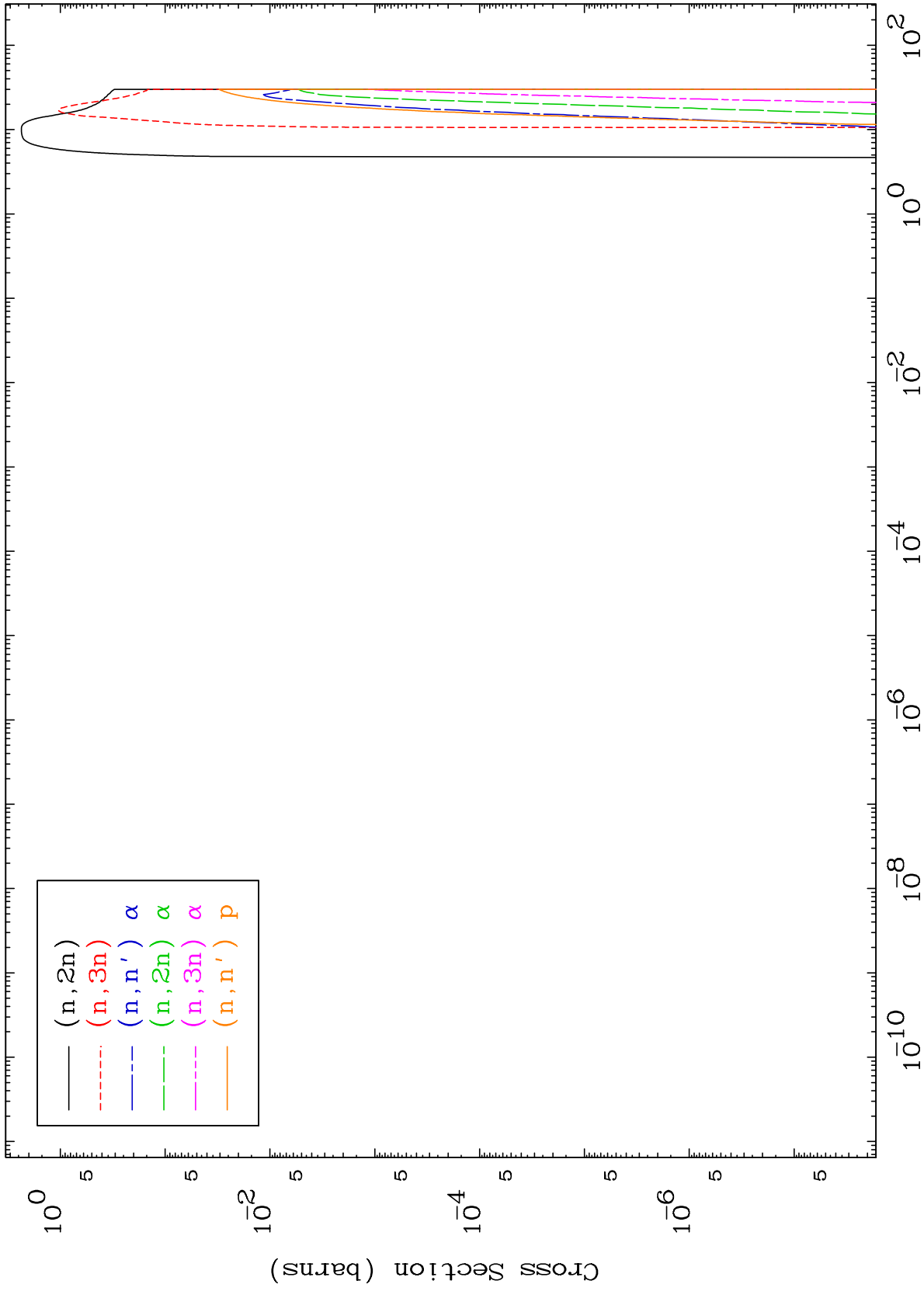
95-Am-248



MAT 9564

Neutron Production
293 Kelvin Cross Sections

95-Am-248

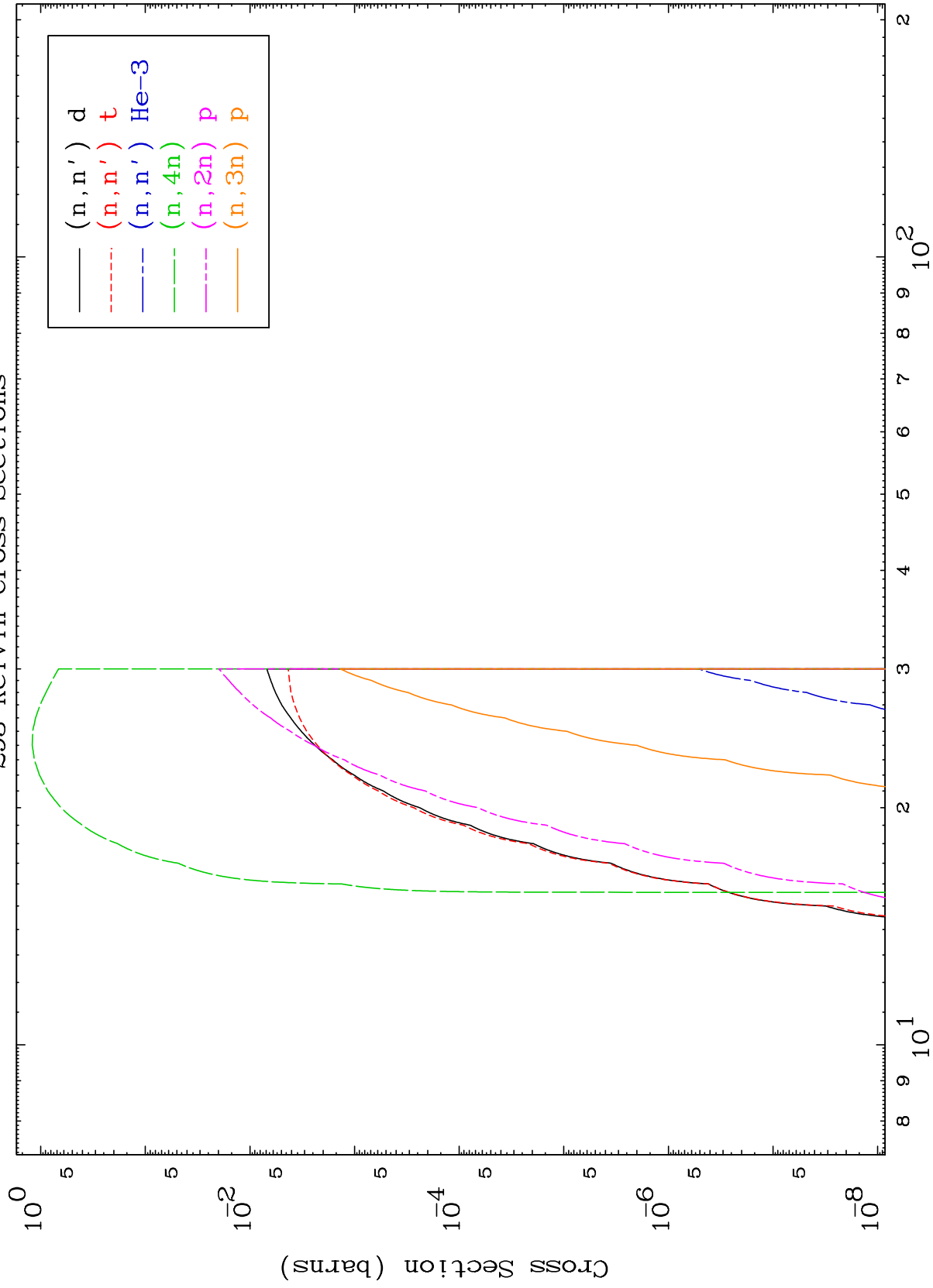


95-Am-248

MAT 9564

Neutron Production 293 Kelvin Cross Sections

95-Am-248



3

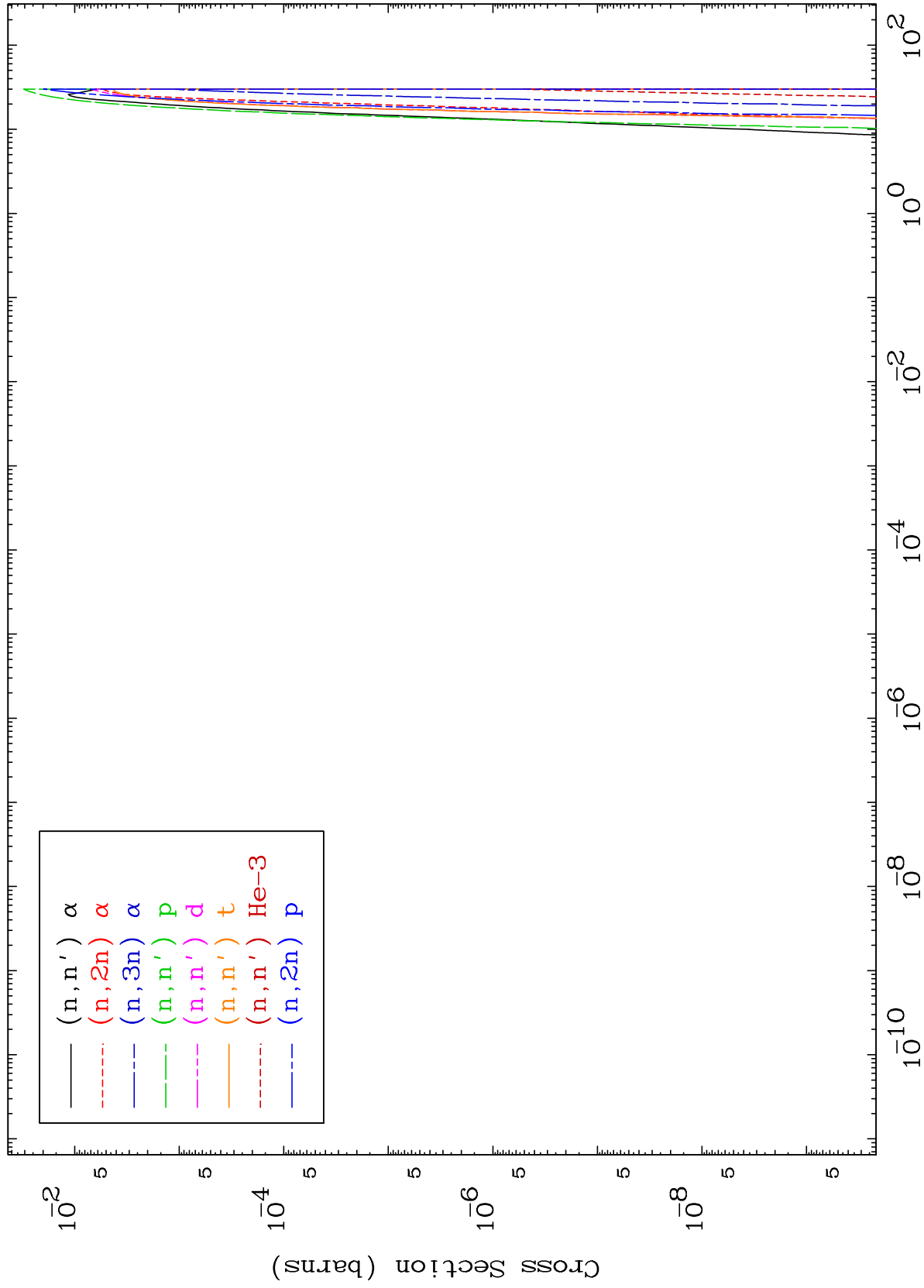
Incident Energy (MeV)

95-Am-248

MAT 9564

Charged Particle
293 Kelvin Cross Sections

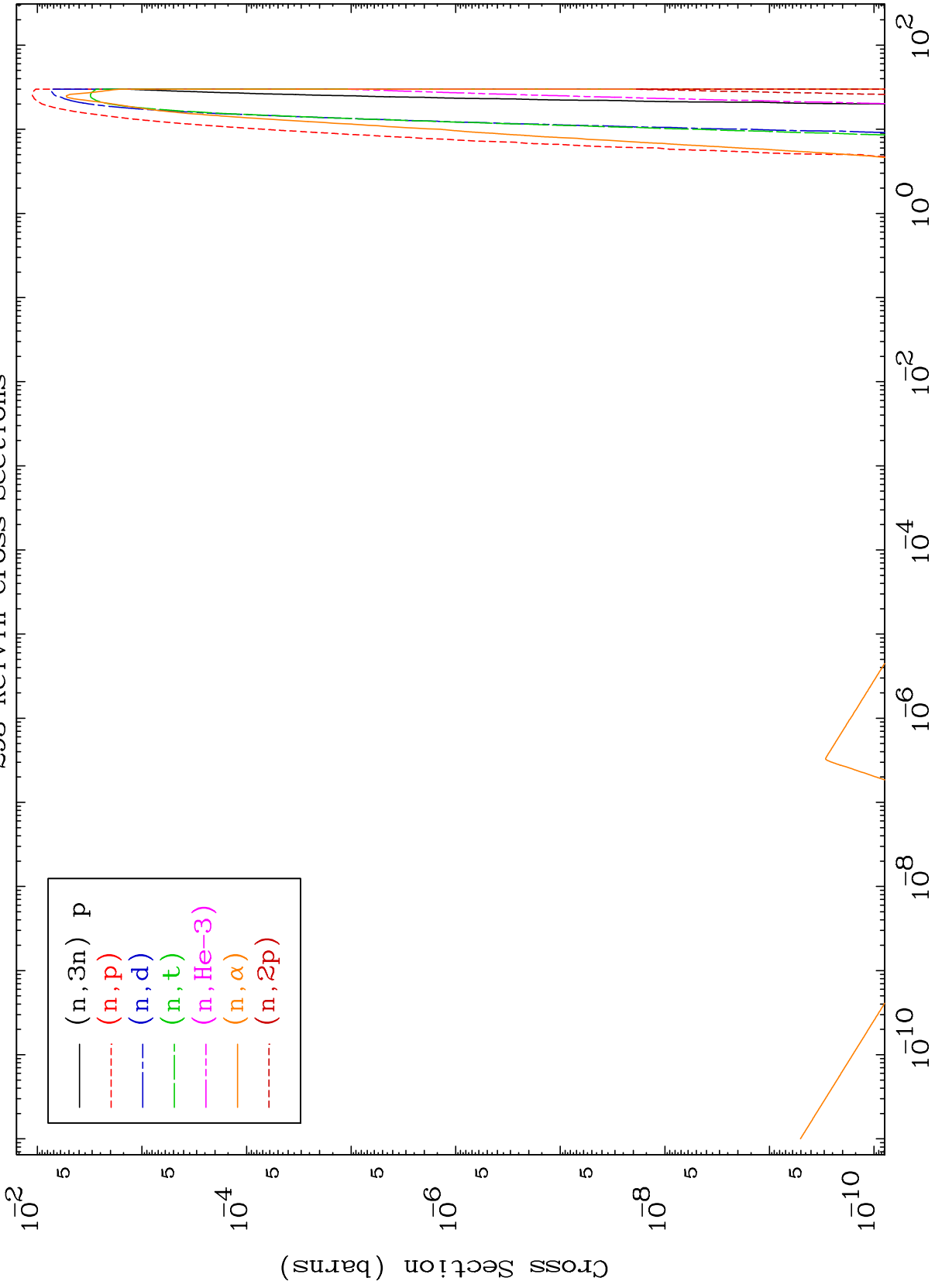
95-Am-248



MAT 9564

Charged Particle
293 Kelvin Cross Sections

95-Am-248



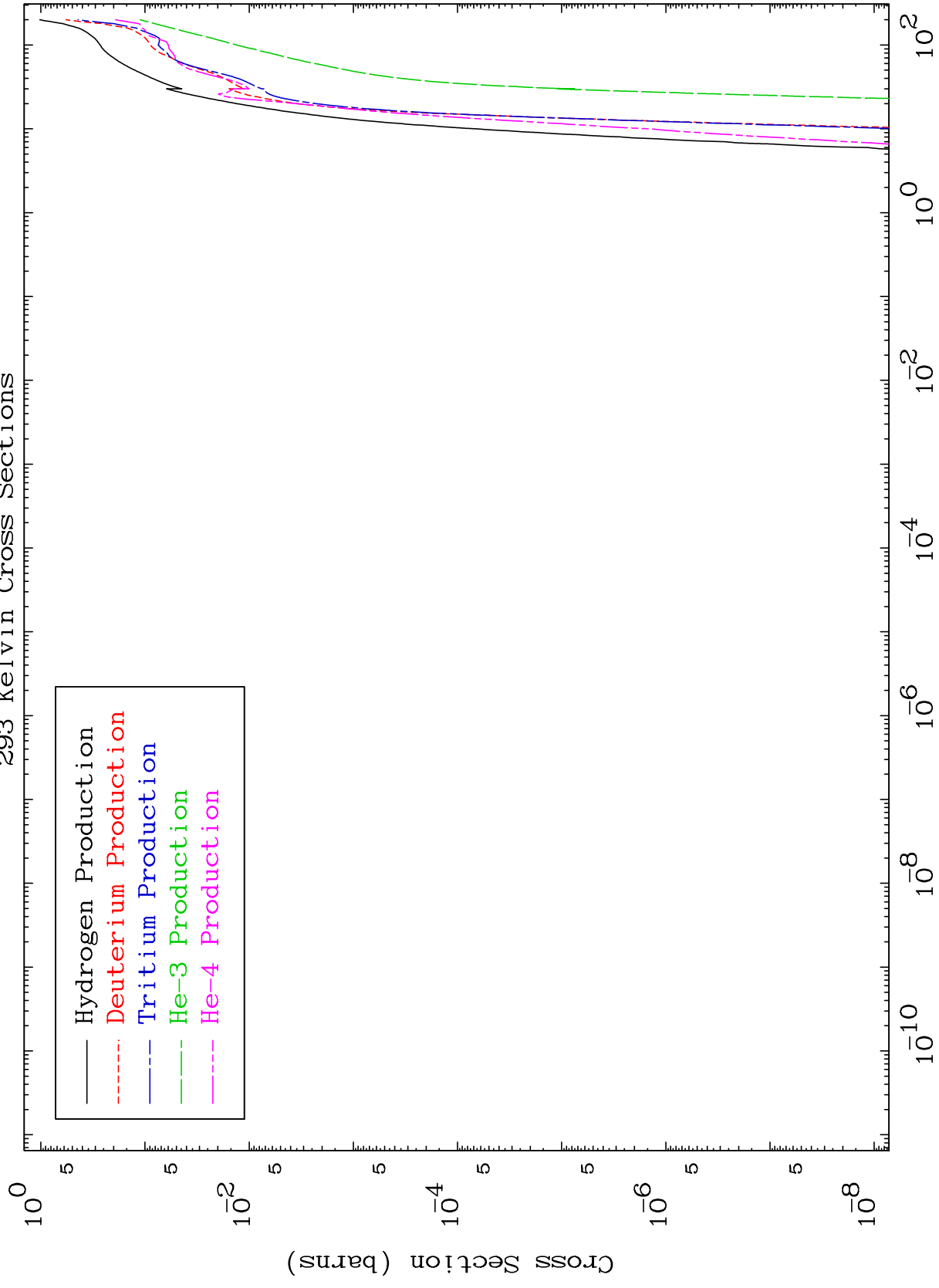
5

95-Am-248

MAT 9564

Particle Production
293 Kelvin Cross Sections

95-Am-248



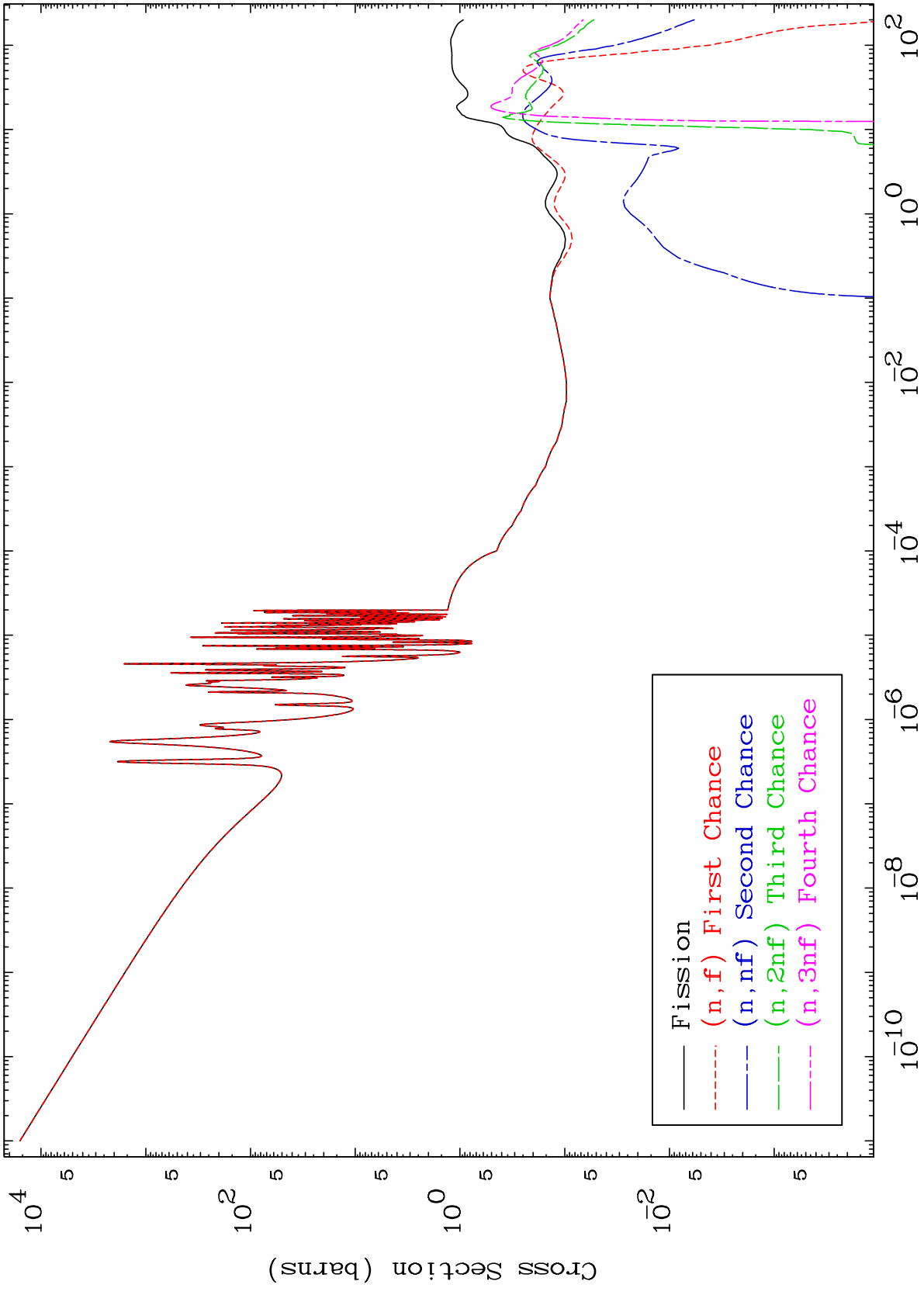
6

95-Am-248

MAT 9564

Fission
293 Kelvin Cross Sections

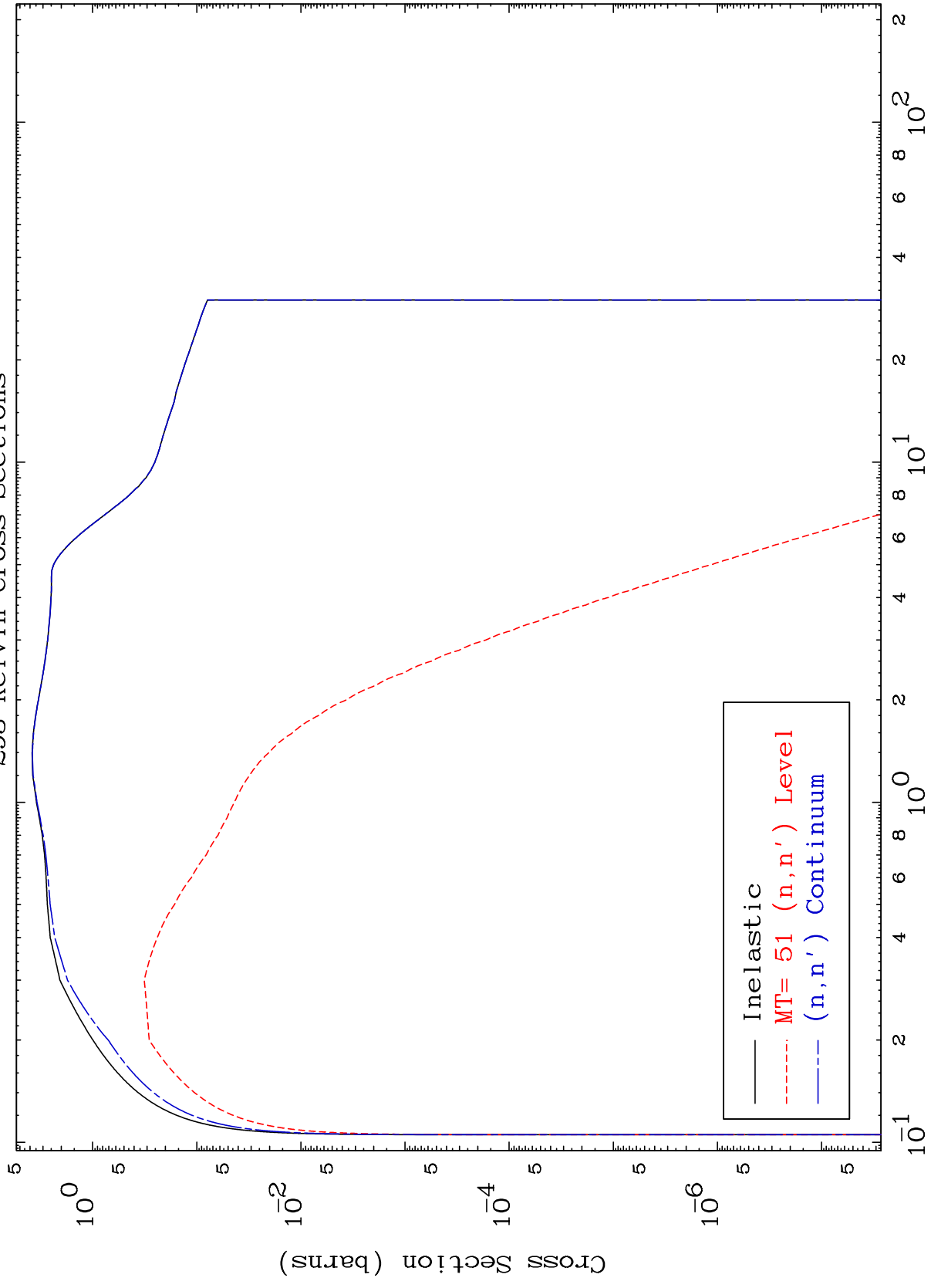
95-Am-248



MAT 9564

95-Am-248

(n,n') Level
293 Kelvin Cross Sections



8

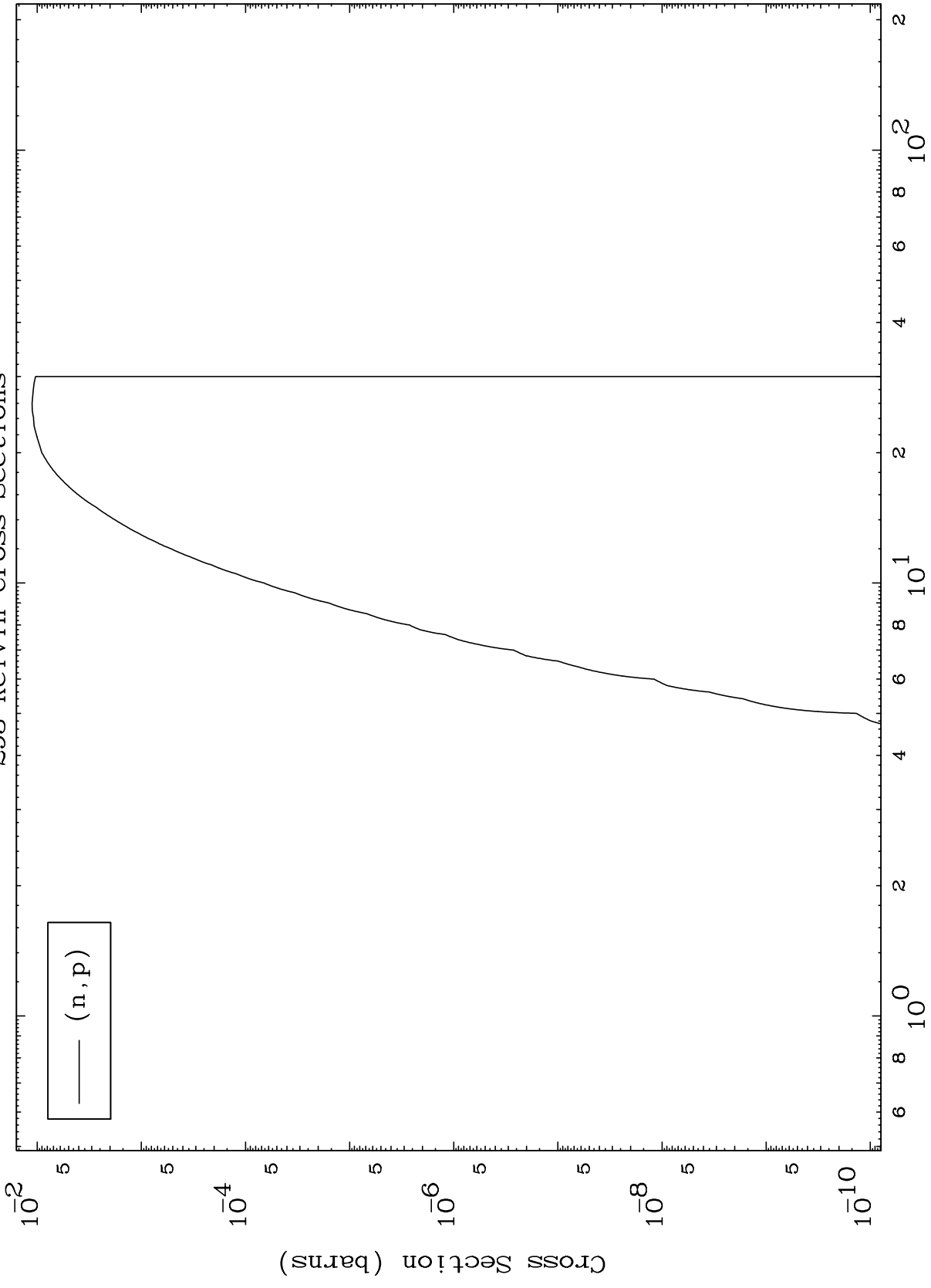
Incident Energy (MeV)

95-Am-248

MAT 9564

(n,p) Levels
293 Kelvin Cross Sections

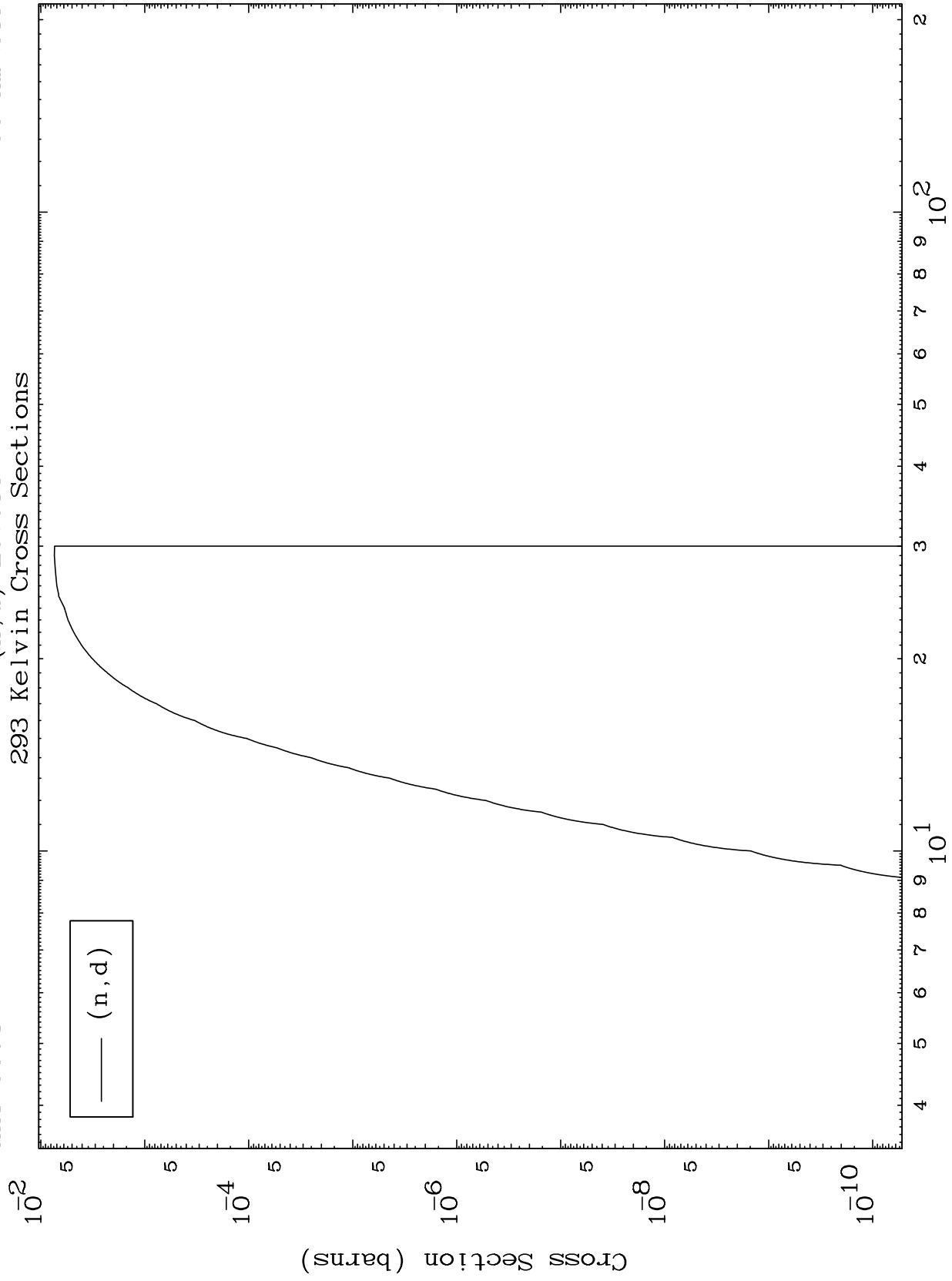
95-Am-248



MAT 9564

95-Am-248

(n,d) Levels
293 Kelvin Cross Sections



10

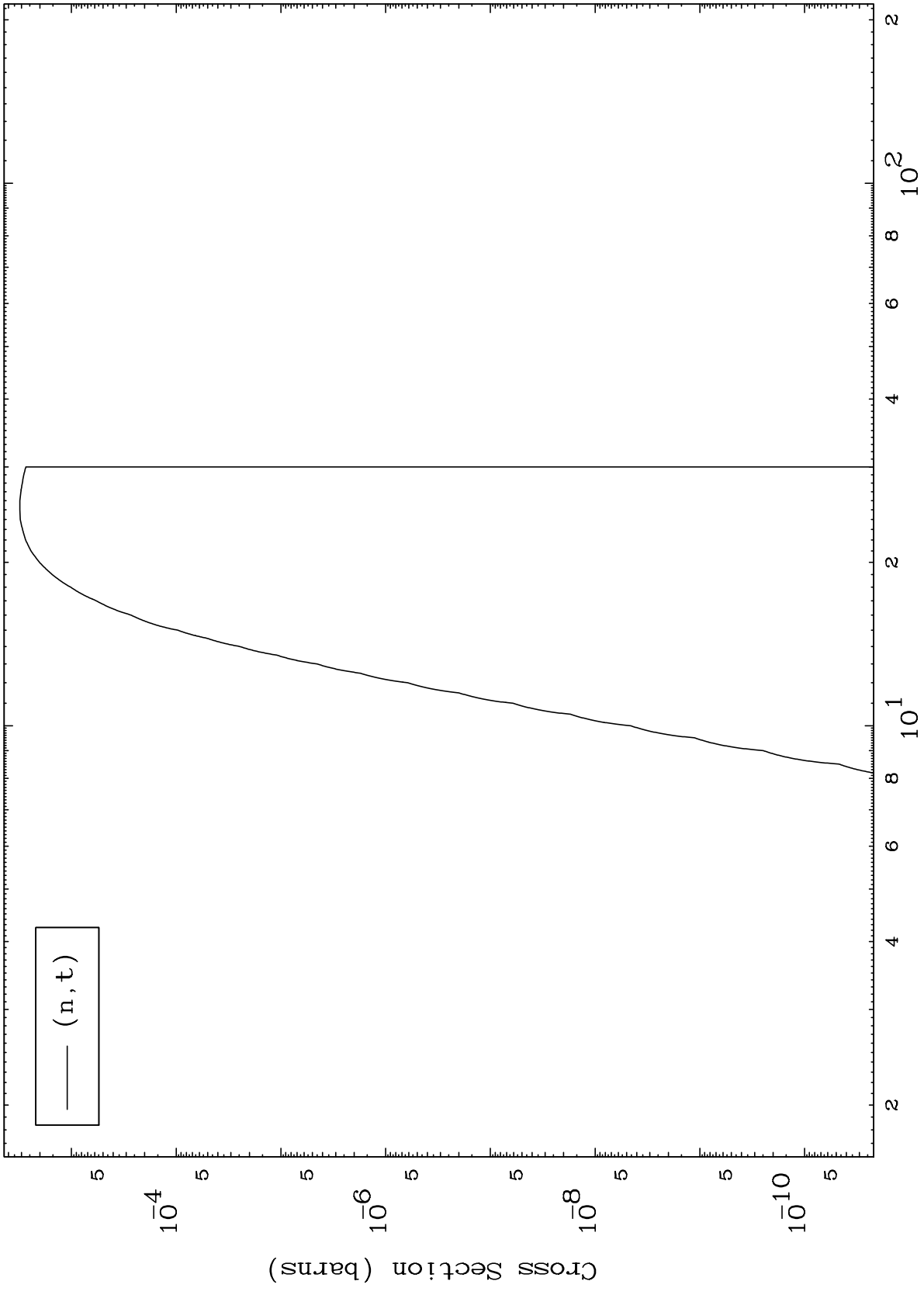
Incident Energy (MeV)

95-Am-248

MAT 9564

(n,t) Levels
293 Kelvin Cross Sections

95-Am-248



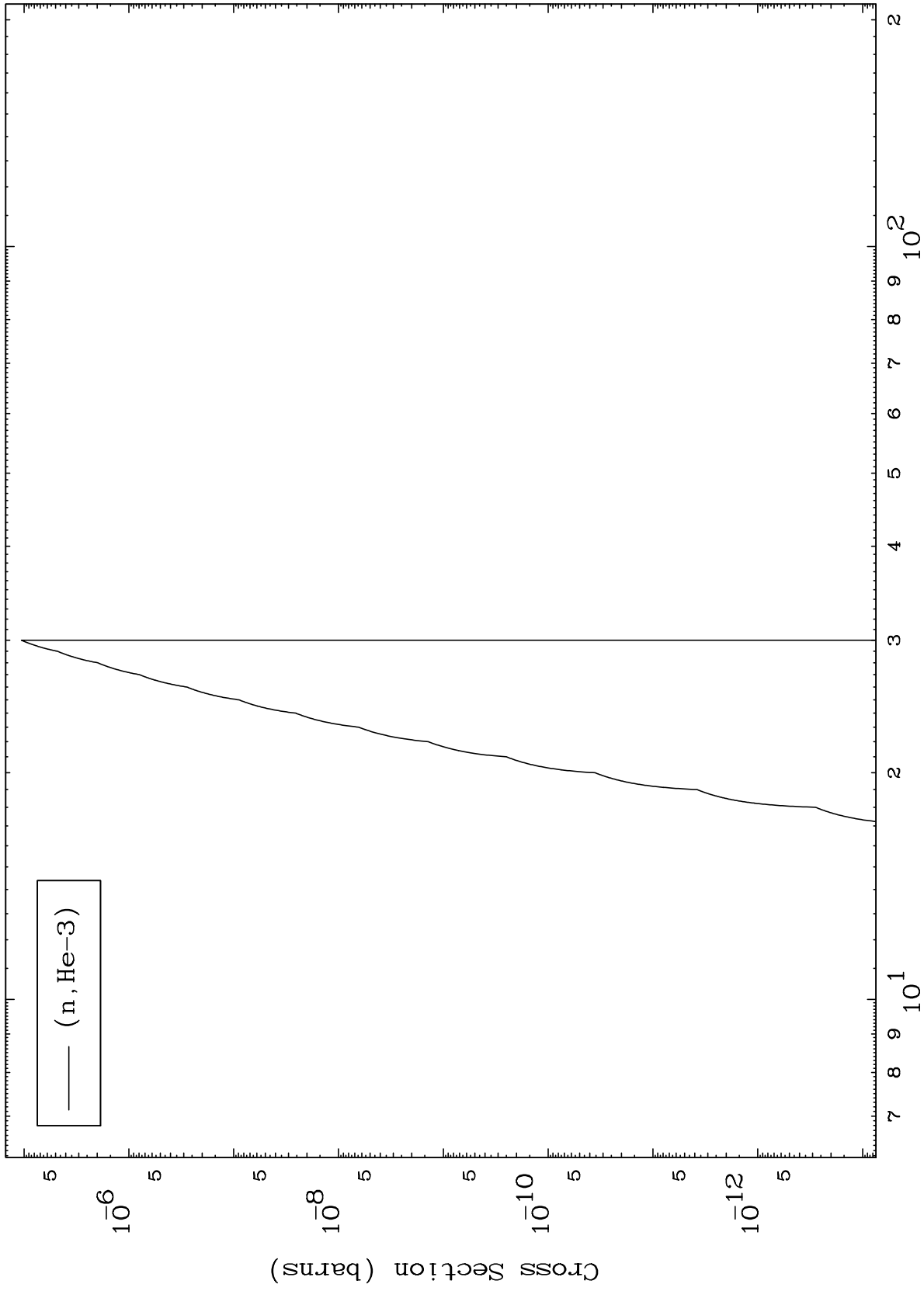
11

95-Am-248

MAT 9564

(n,He3) Levels
293 Kelvin Cross Sections

95-Am-248



12

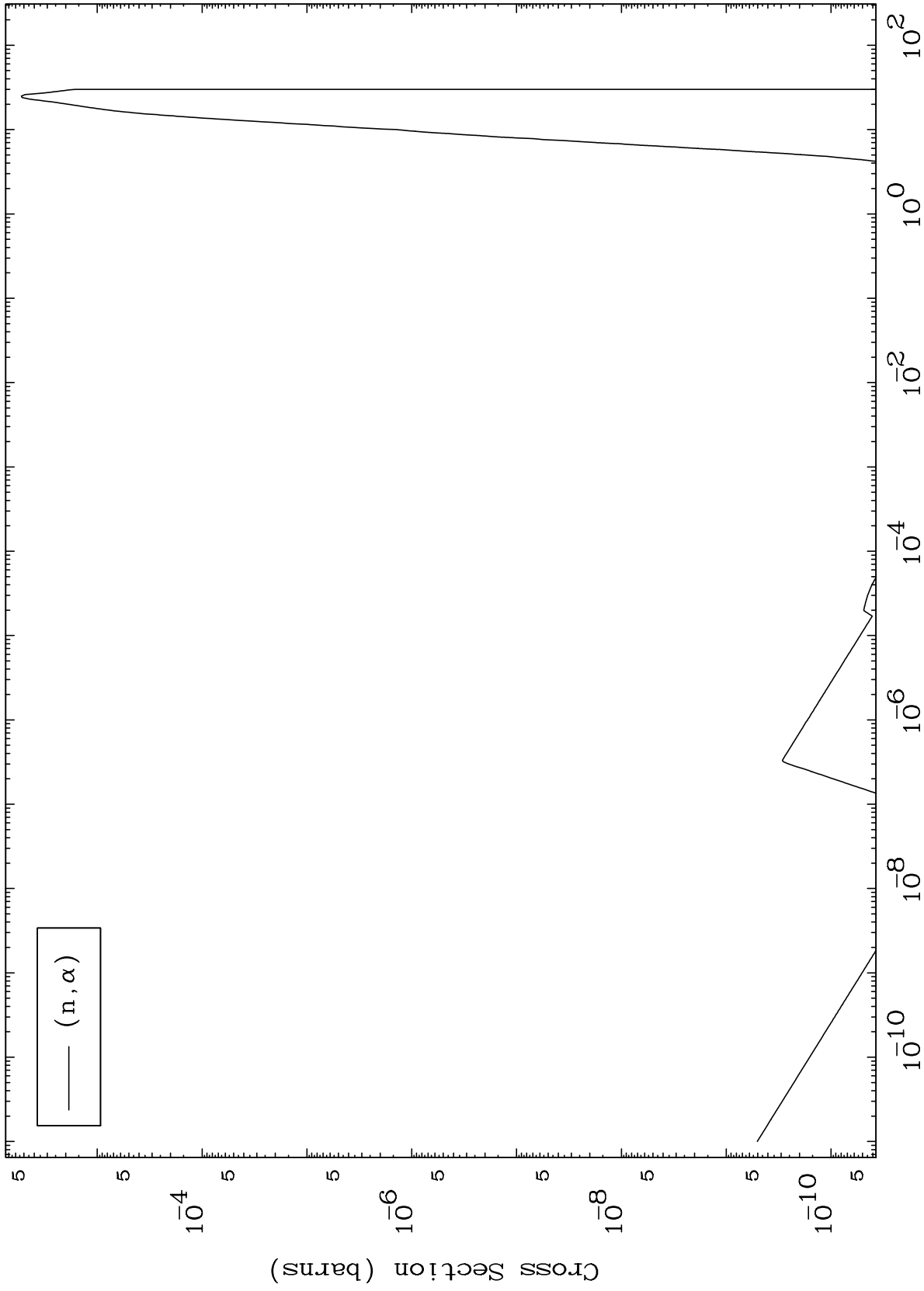
Incident Energy (MeV)

95-Am-248

MAT 9564

(n,α) Levels
293 Kelvin Cross Sections

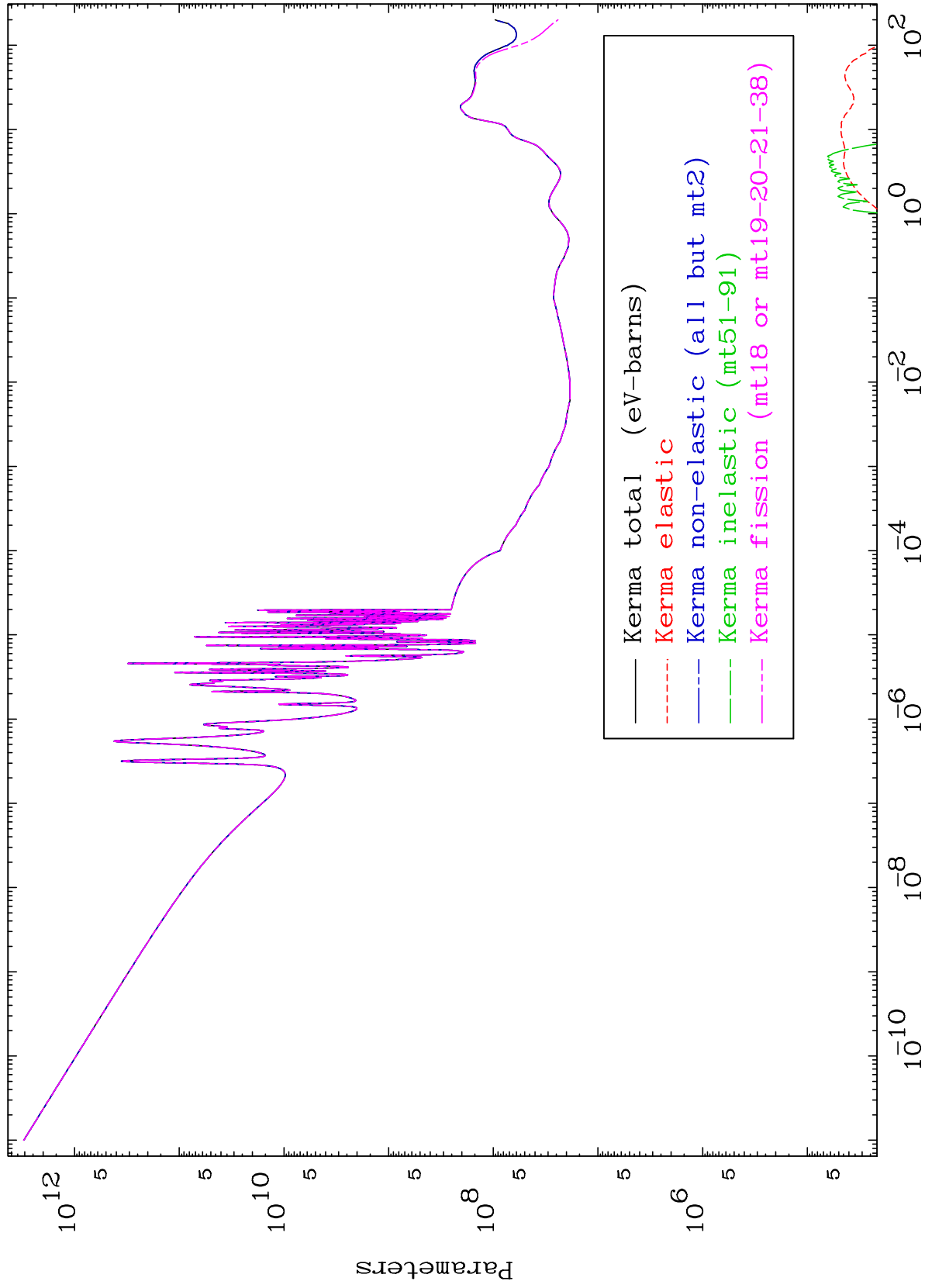
95-Am-248

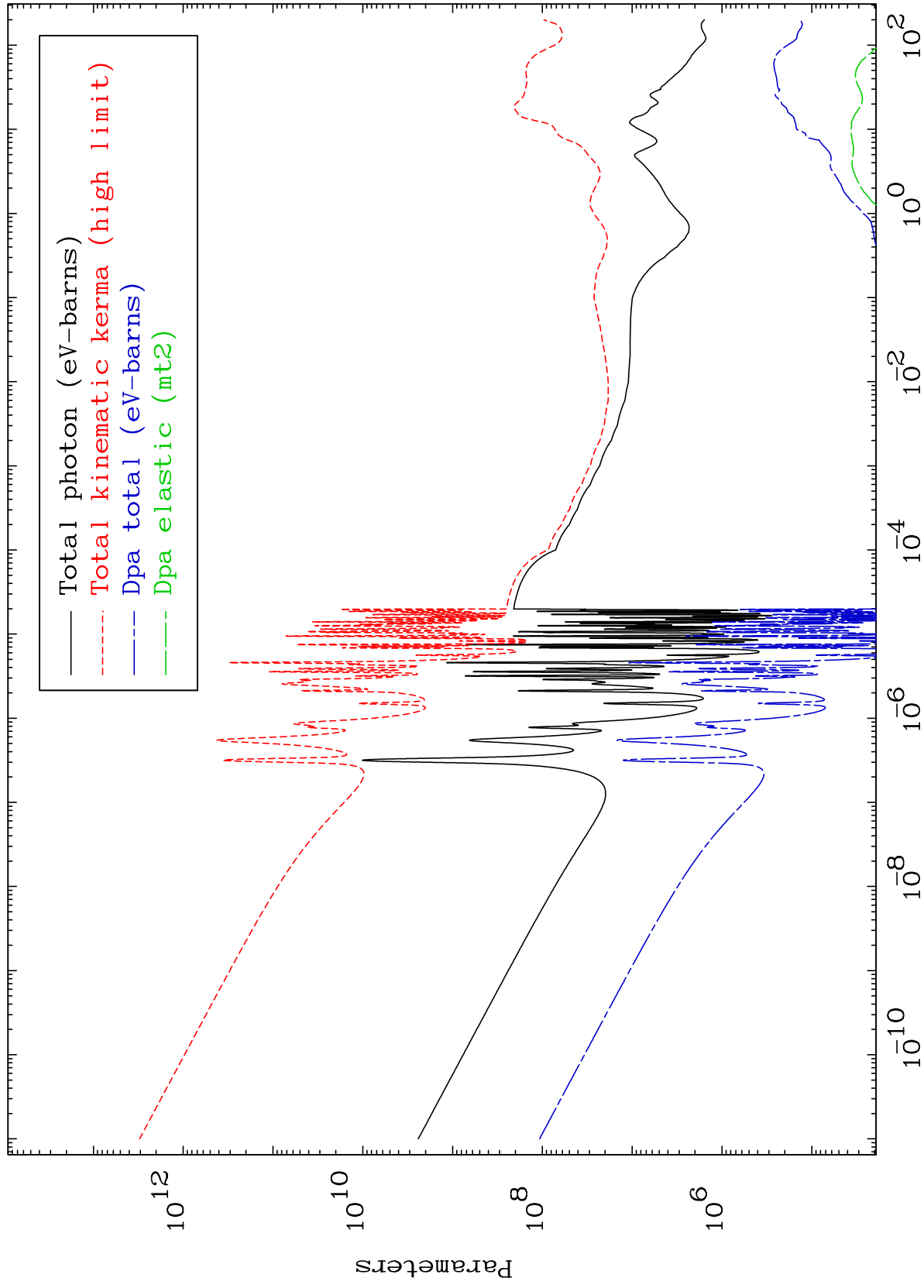


13

Incident Energy (MeV)

95-Am-248

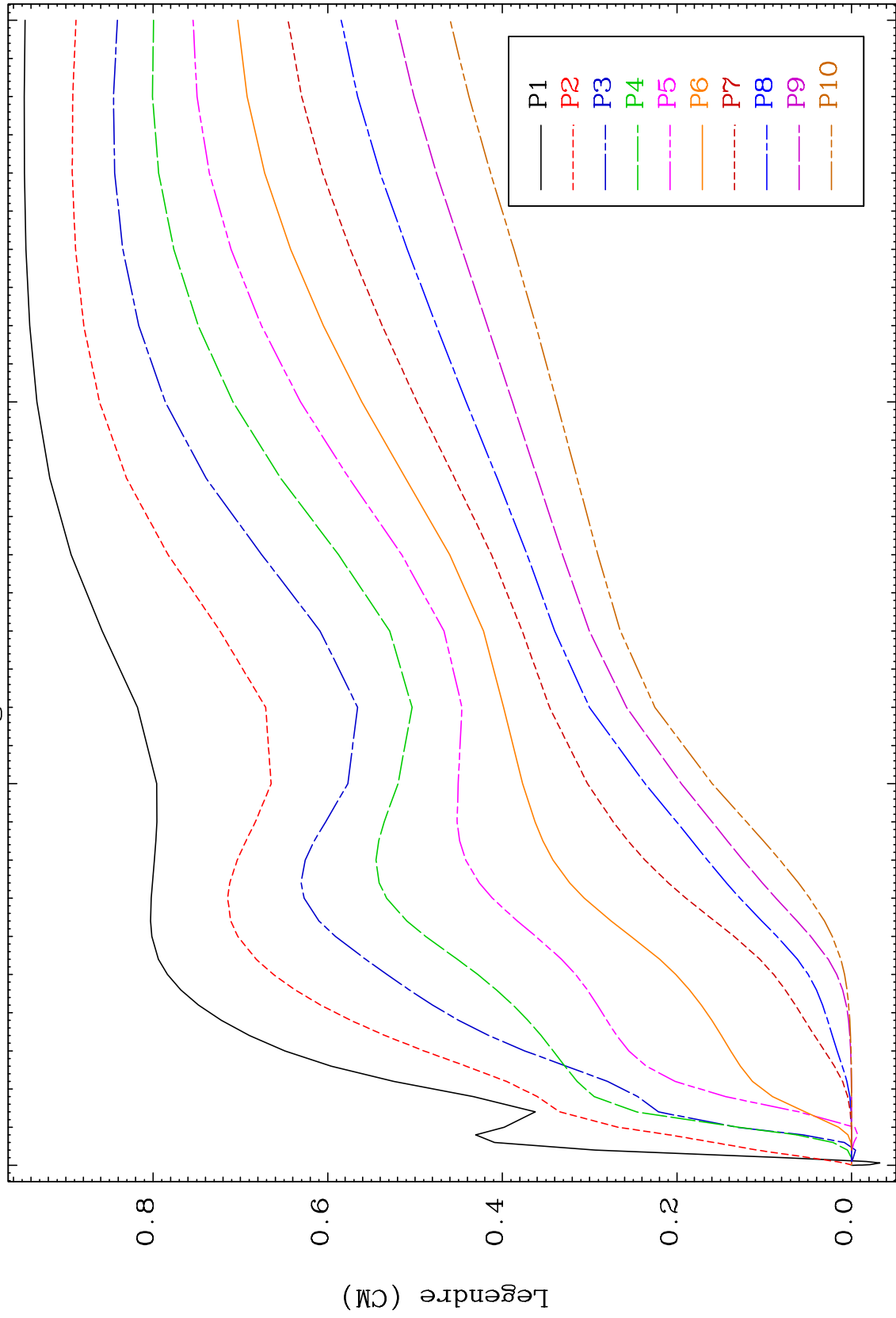




MAT 9564

Elastic Legendre Coefficients

95-Am-248



0

16

Incident Energy (MeV)

10

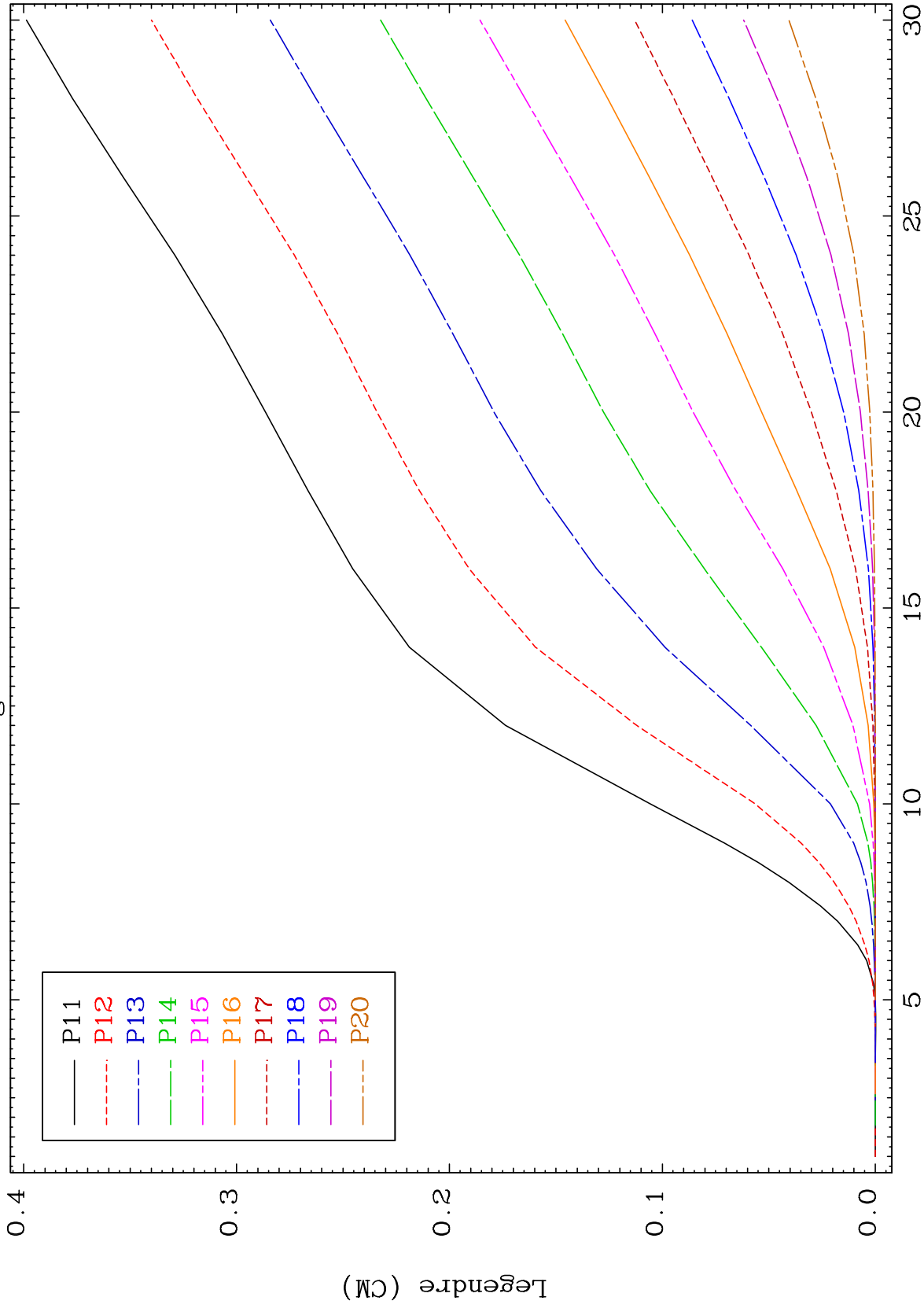
30

95-Am-248

MAT 9564

Elastic Legendre Coefficients

95-Am-248



17

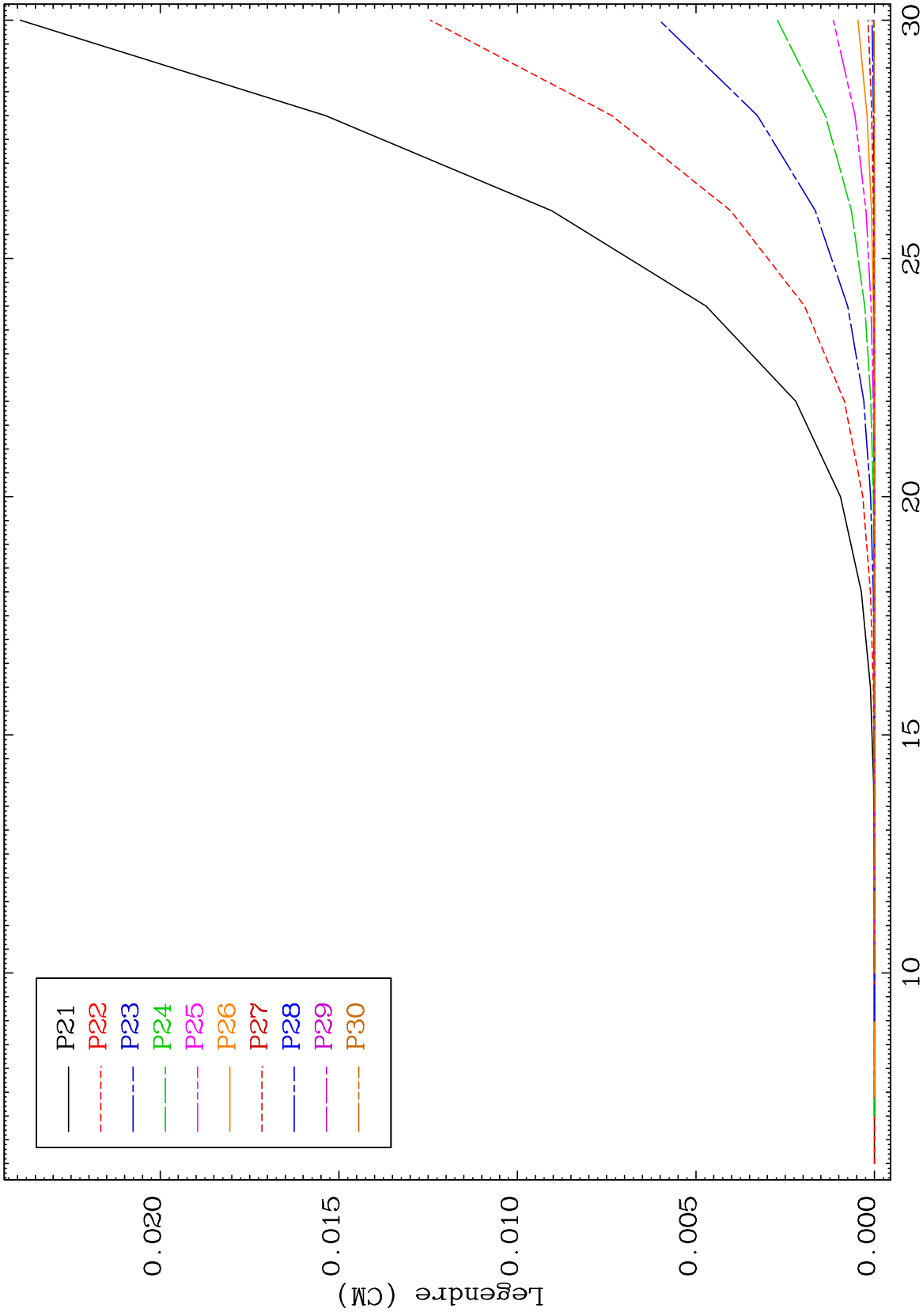
Incident Energy (MeV)

95-Am-248

MAT 9564

Elastic Legendre Coefficients

95-Am-248



18

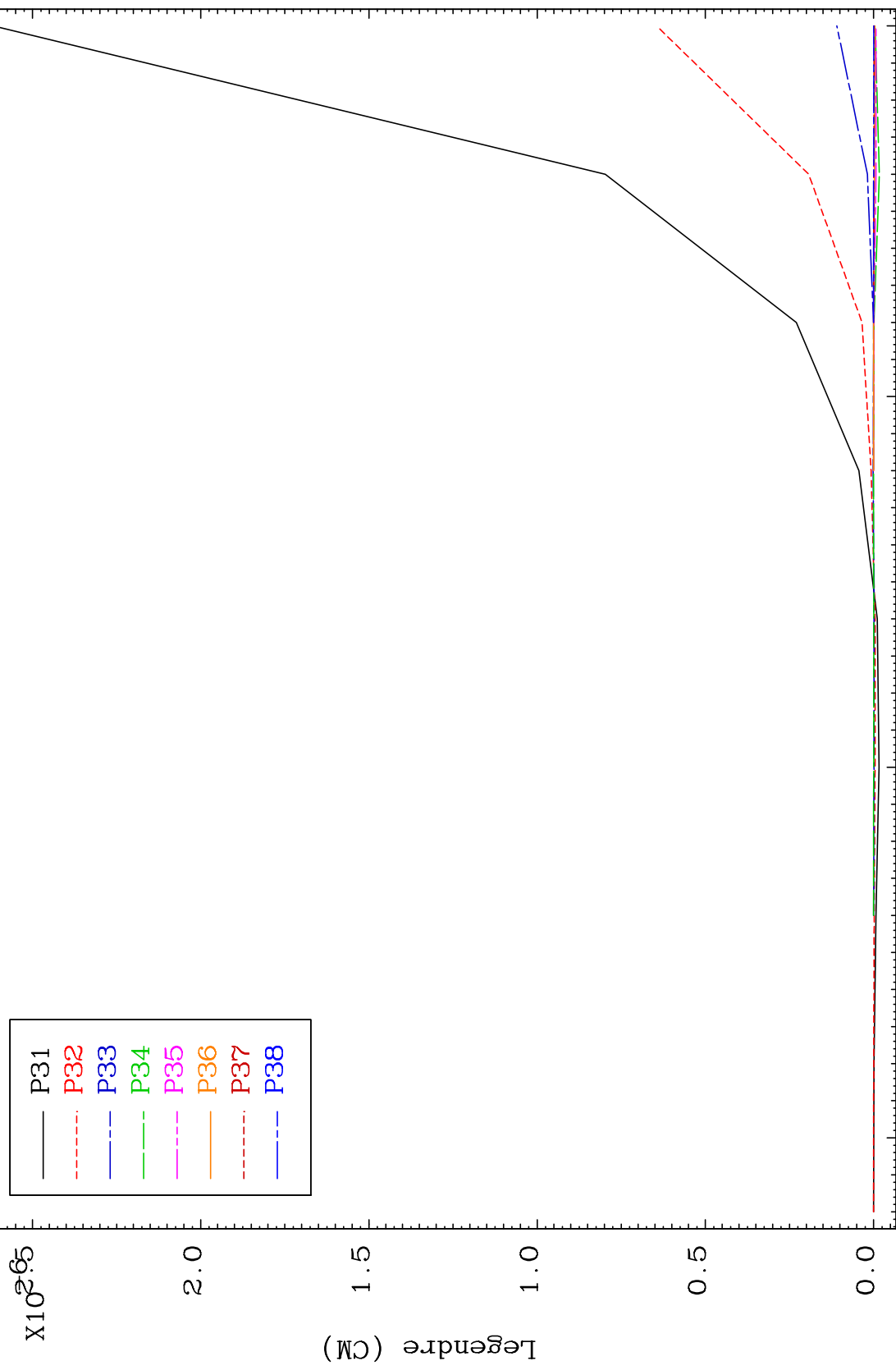
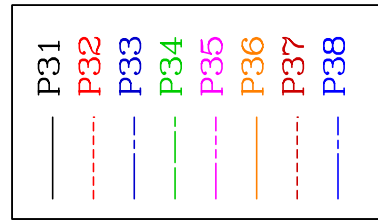
Incident Energy (MeV)

95-Am-248

MAT 9564

Elastic Legendre Coefficients

95-Am-248



19

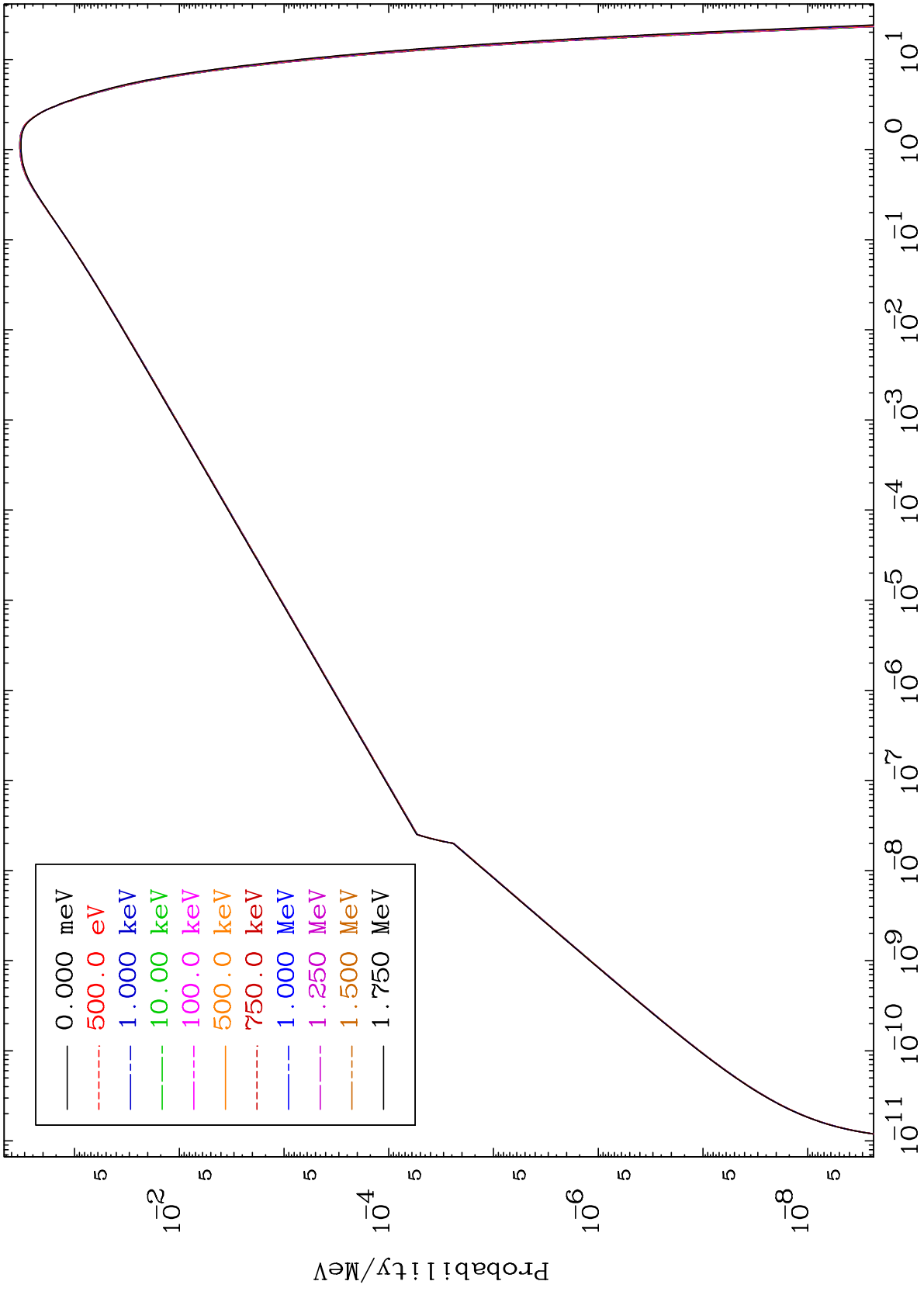
Incident Energy (MeV)

95-Am-248

MAT 9564

Fission Energy Distribution

95-Am-248



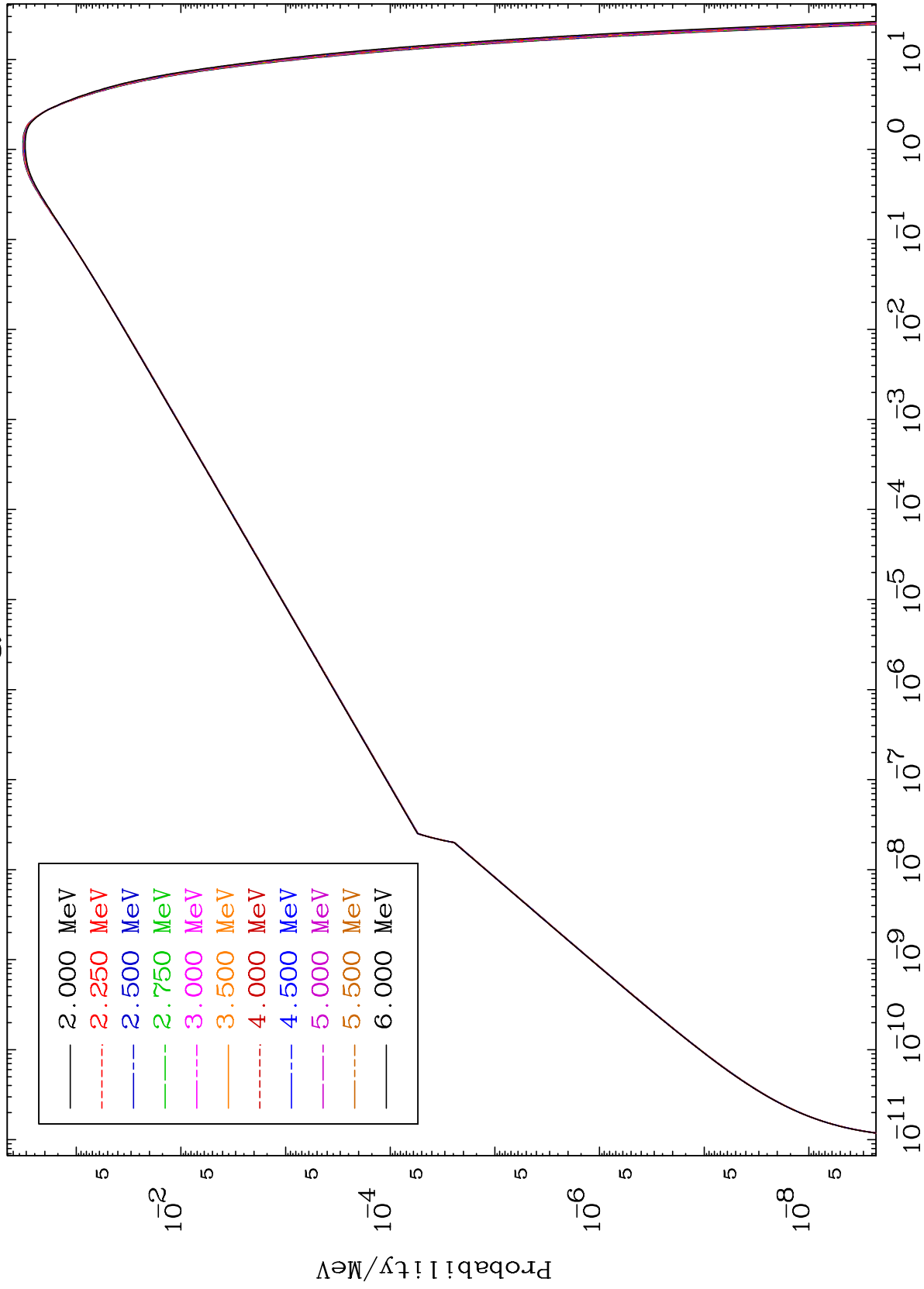
95-Am-248

Secondary Energy (MeV)

MAT 9564

Fission Energy Distribution

95-Am-248

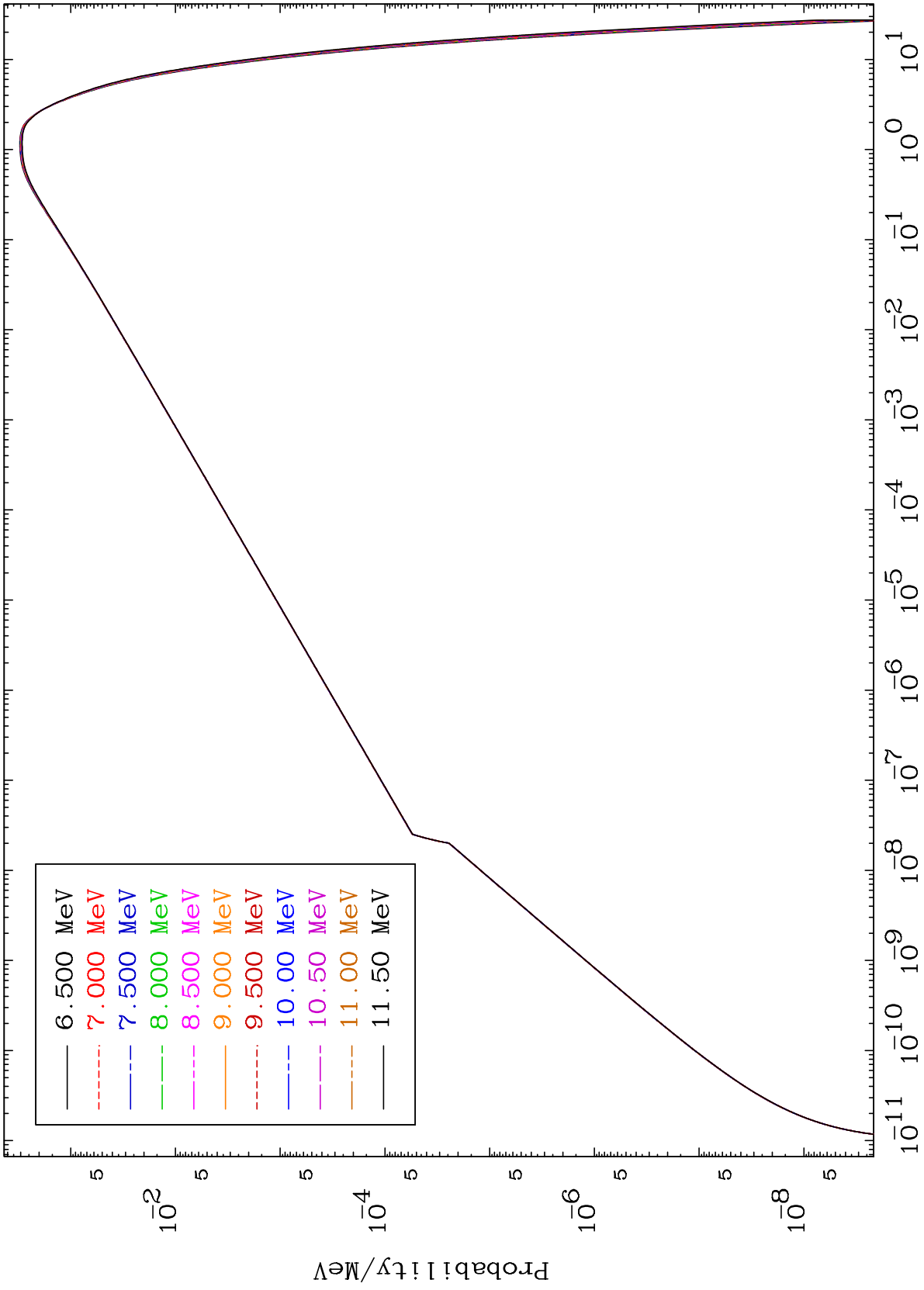


95-Am-248

MAT 9564

Fission Energy Distribution

95-Am-248

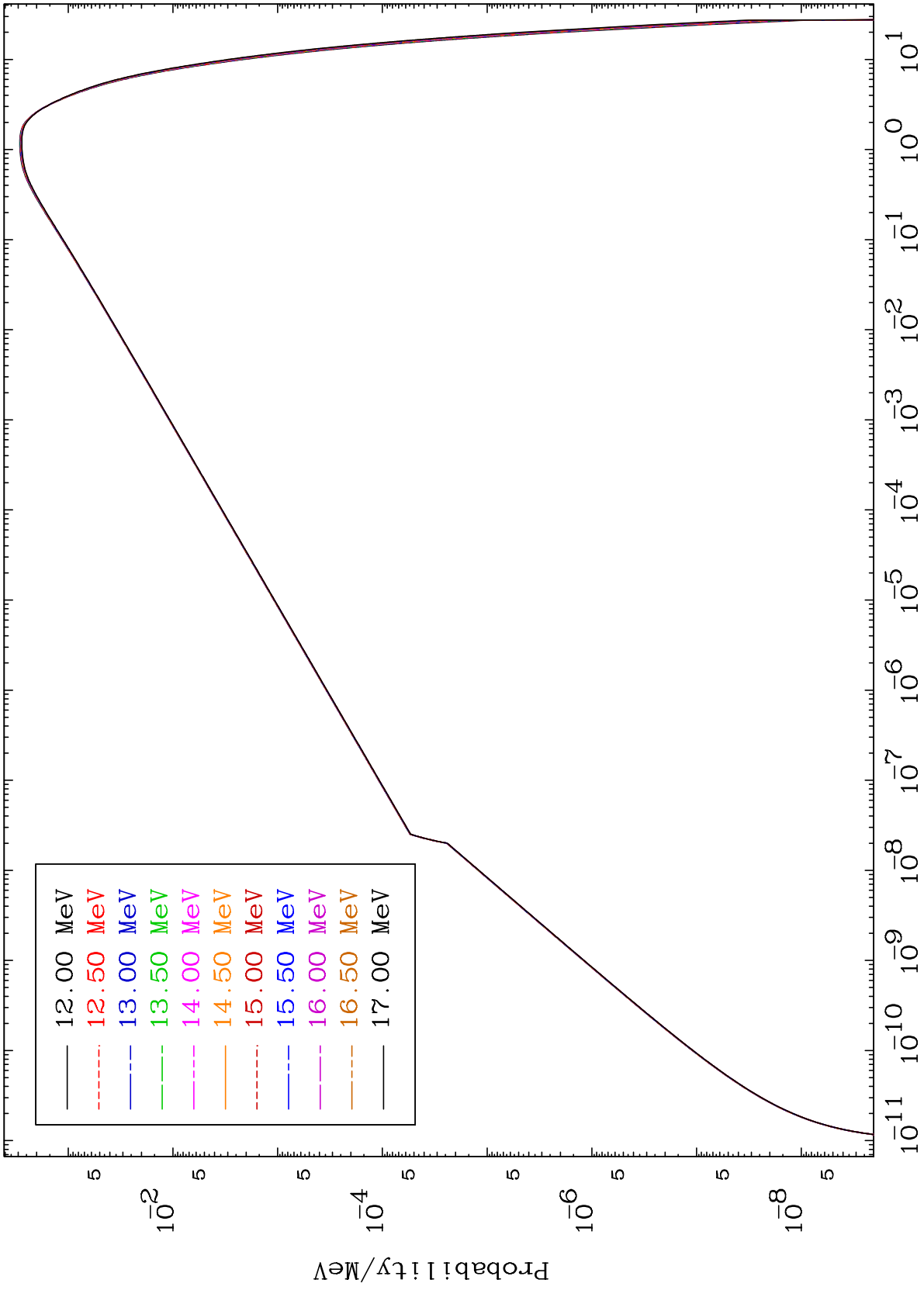


95-Am-248

MAT 9564

Fission Energy Distribution

95-Am-248

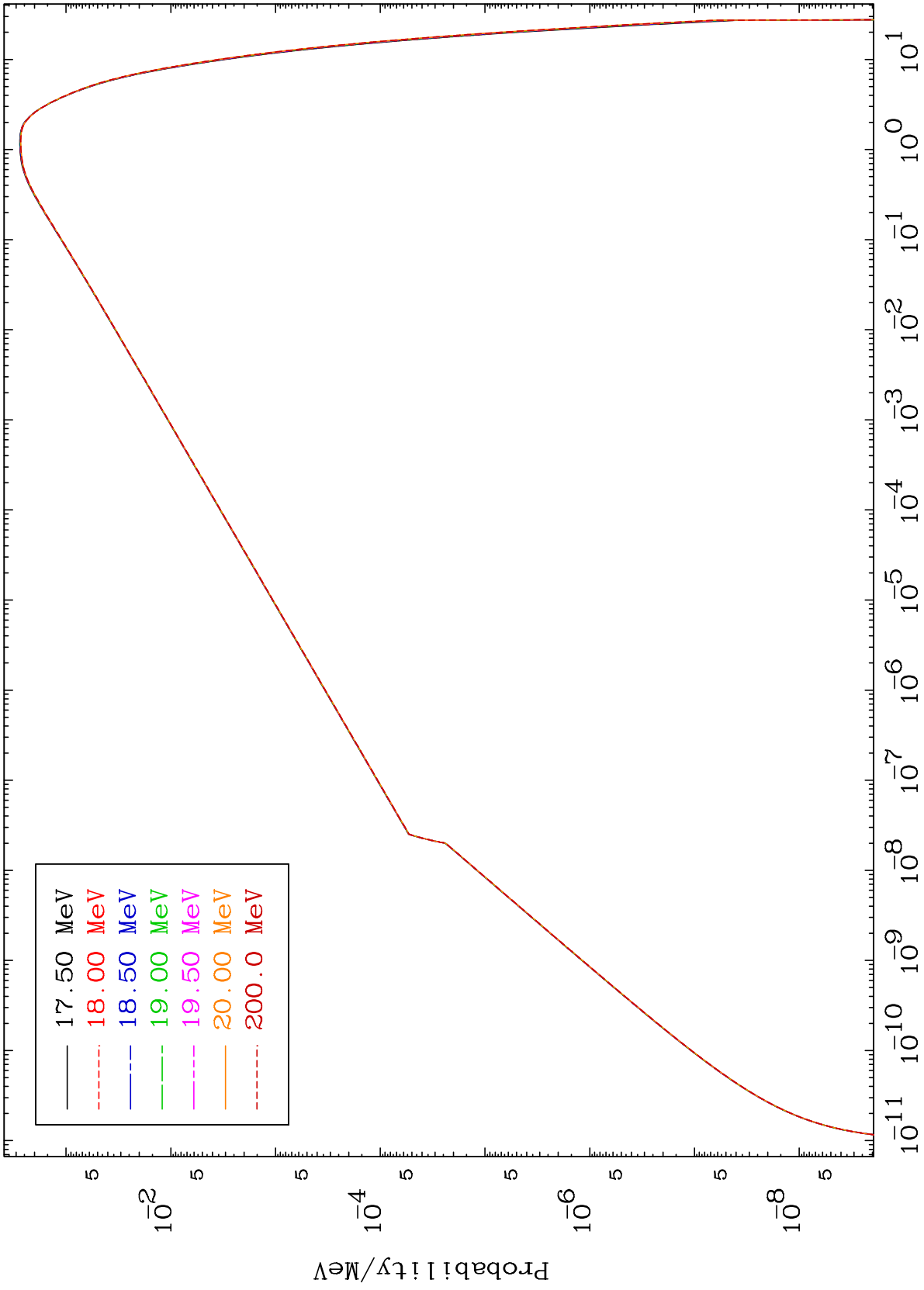


95-Am-248

MAT 9564

Fission Energy Distribution

95-Am-248



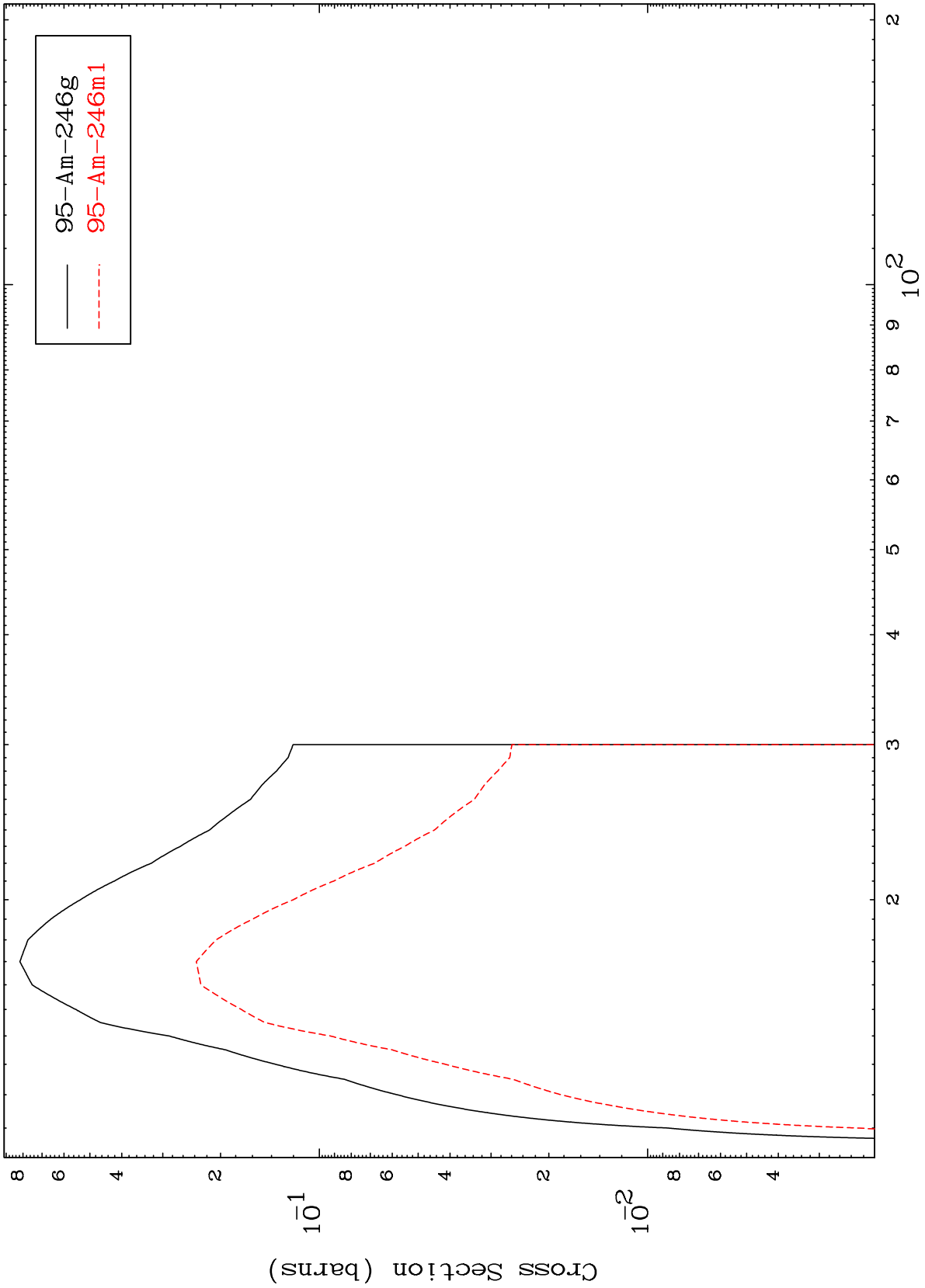
- 17.50 MeV
- 18.00 MeV
- 18.50 MeV
- 19.00 MeV
- 19.50 MeV
- 20.00 MeV
- 200.0 MeV

MAT 9564

(n,3n)

95-Am-248

Radionuclide Production Cross Section



25

Incident Energy (MeV)

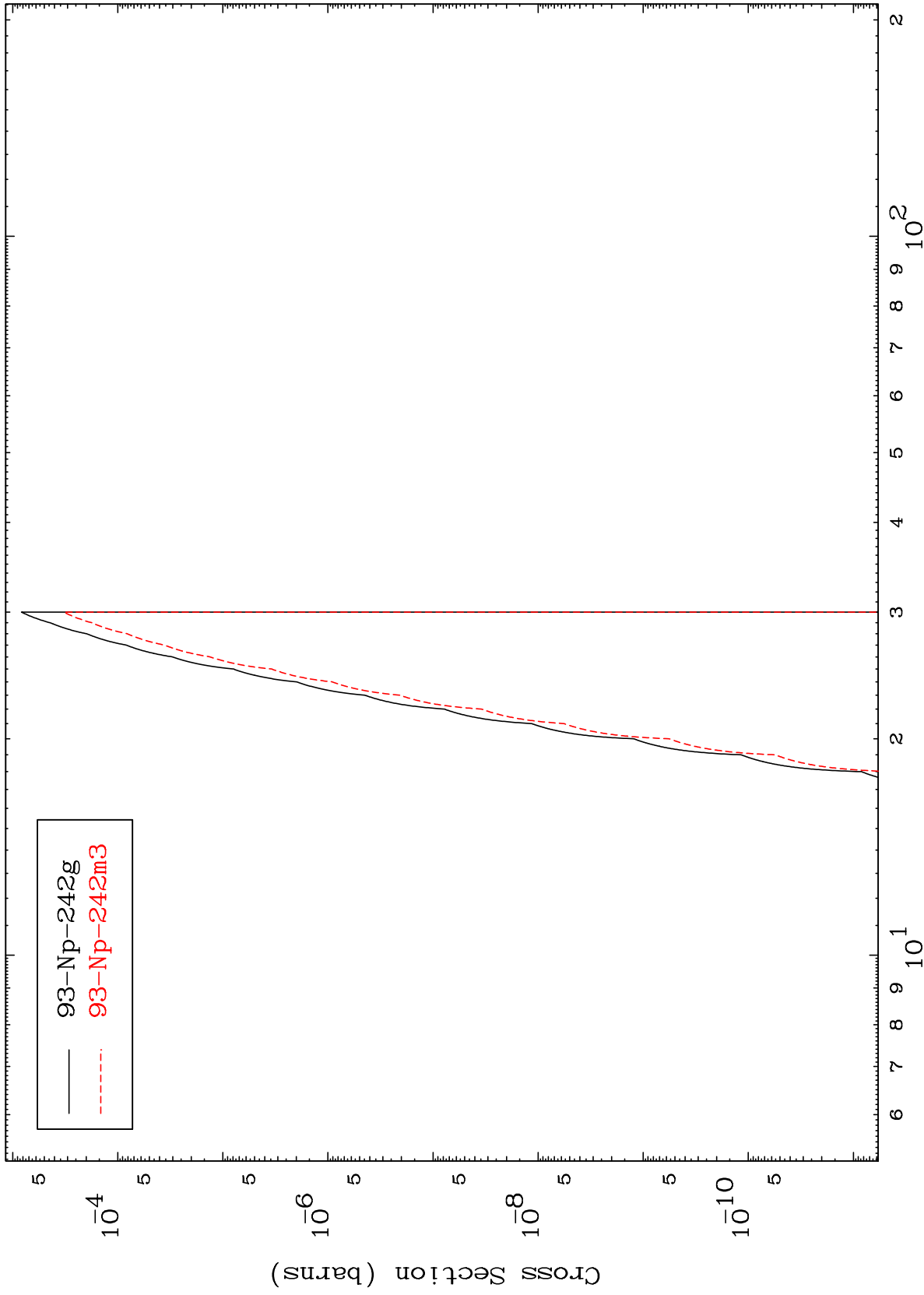
95-Am-248

MAT 9564

(n,3n) α

95-Am-248

Radionuclide Production Cross Section



26

Incident Energy (MeV)

95-Am-248