

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

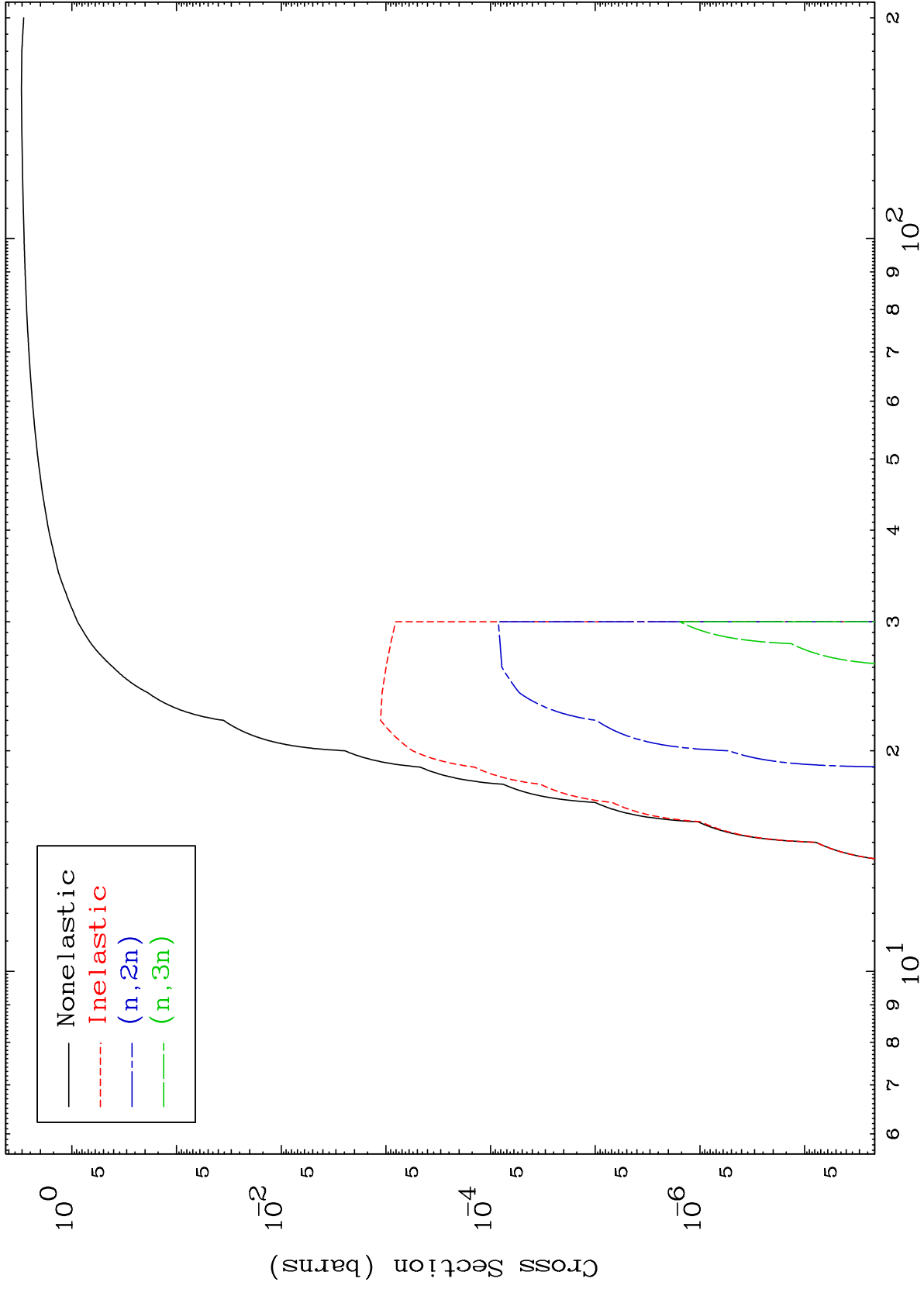
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9552

0 Kelvin Cross Sections

95-Am-244



1

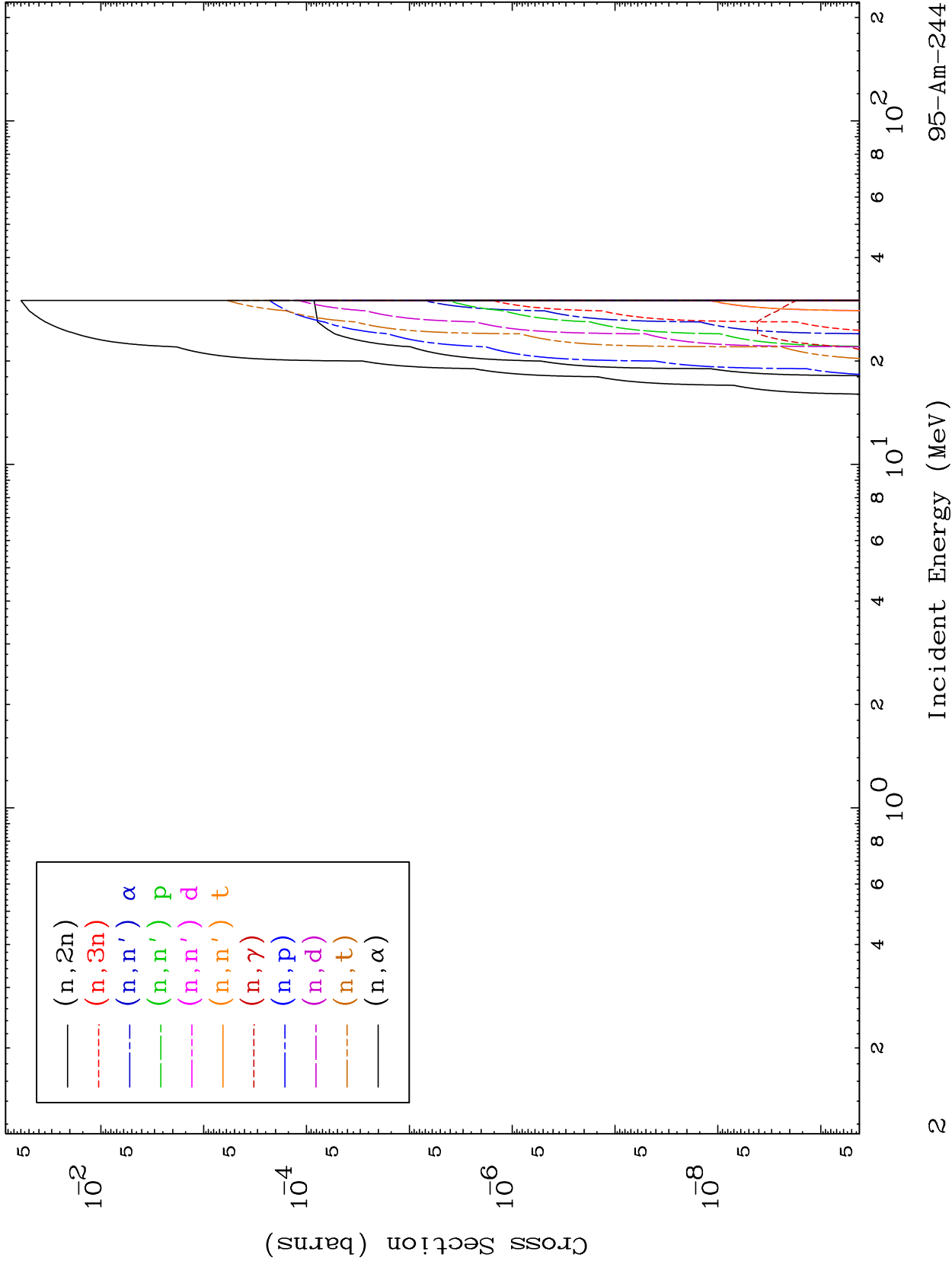
Incident Energy (MeV)

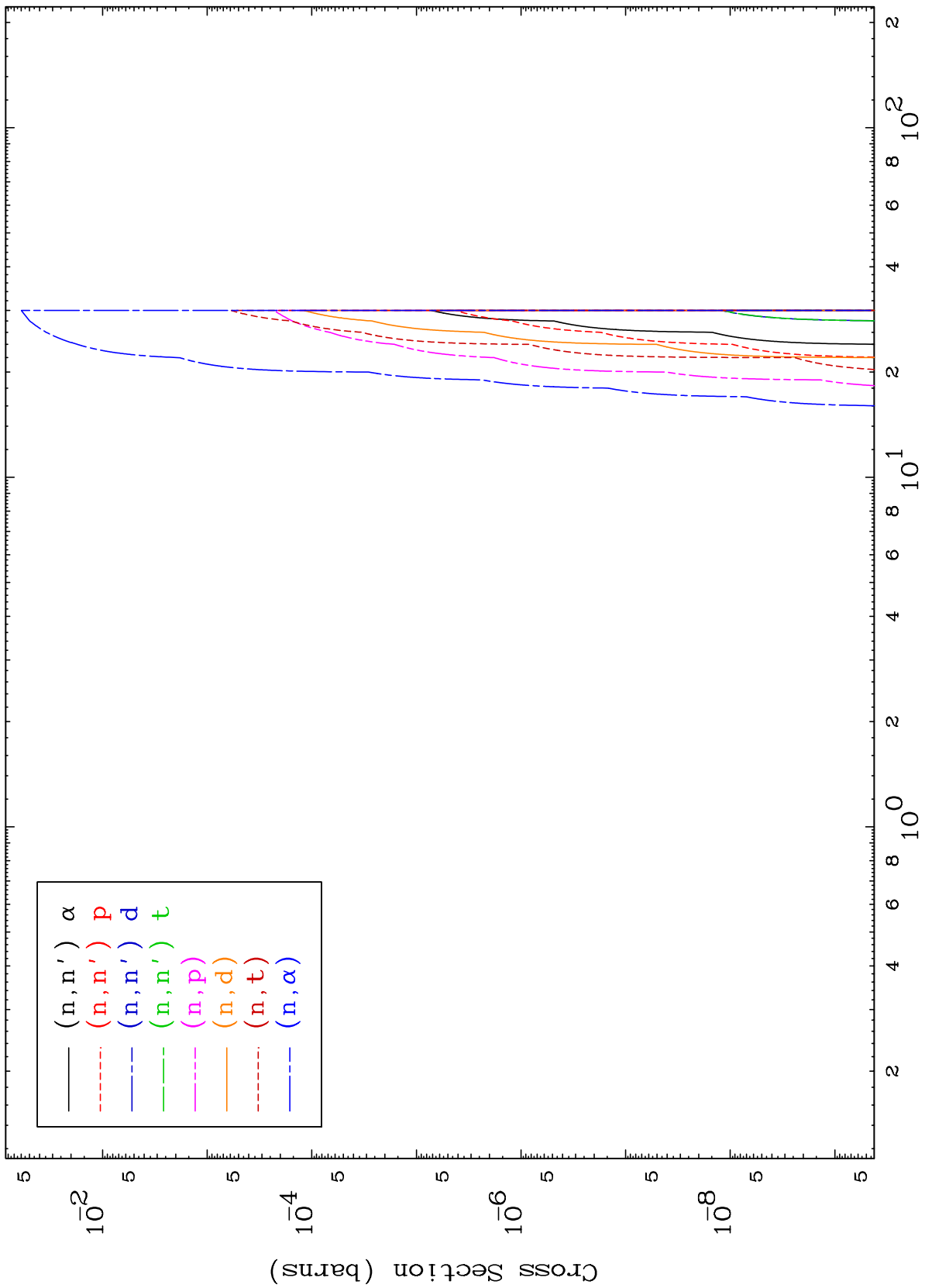
95-Am-244

MAT 9552

α Neutron Absorption
0 Kelvin Cross Sections

95-Am-244

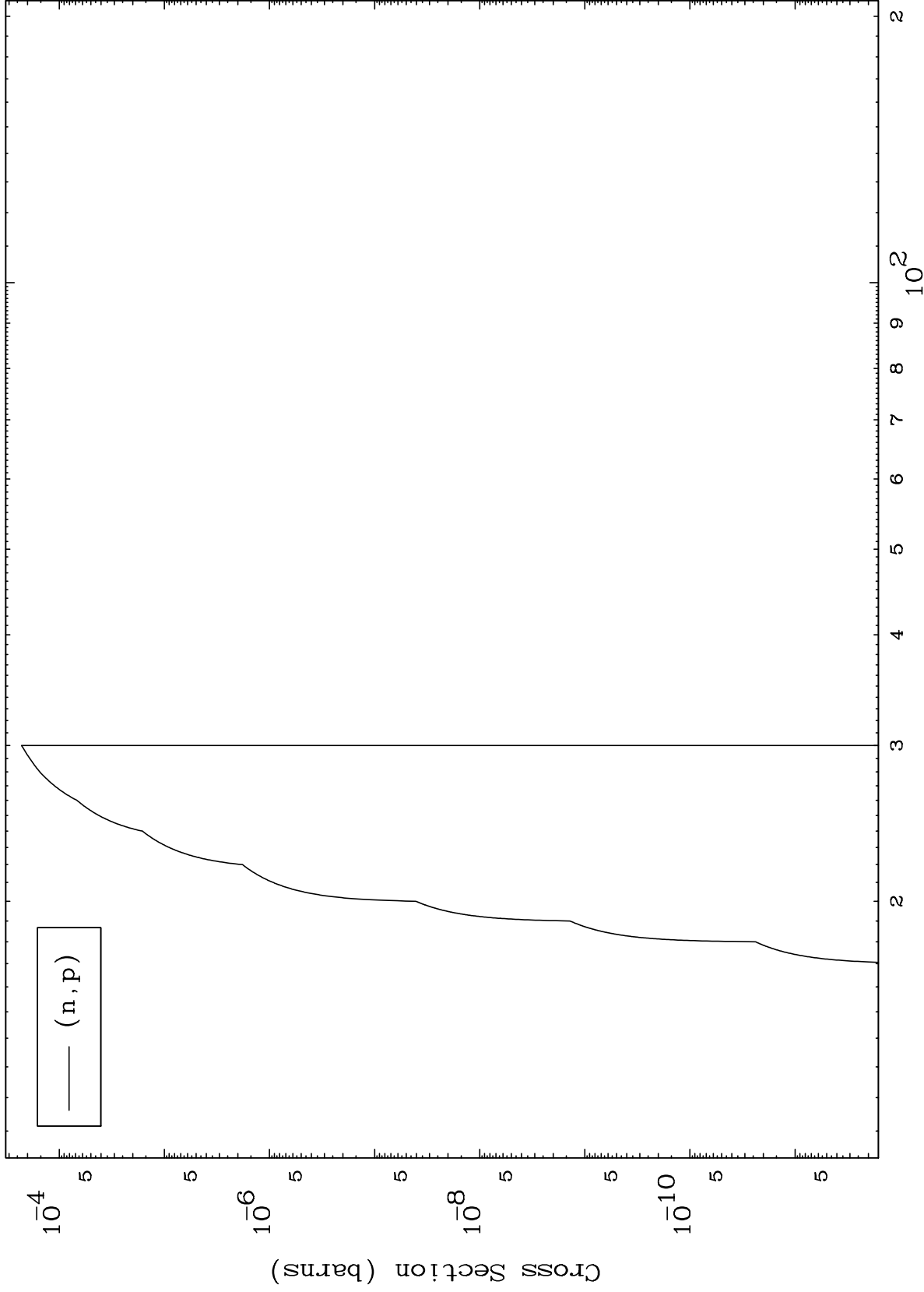




MAT 9552

95-Am-244

(α, p) Levels
0 Kelvin Cross Sections



95-Am-244

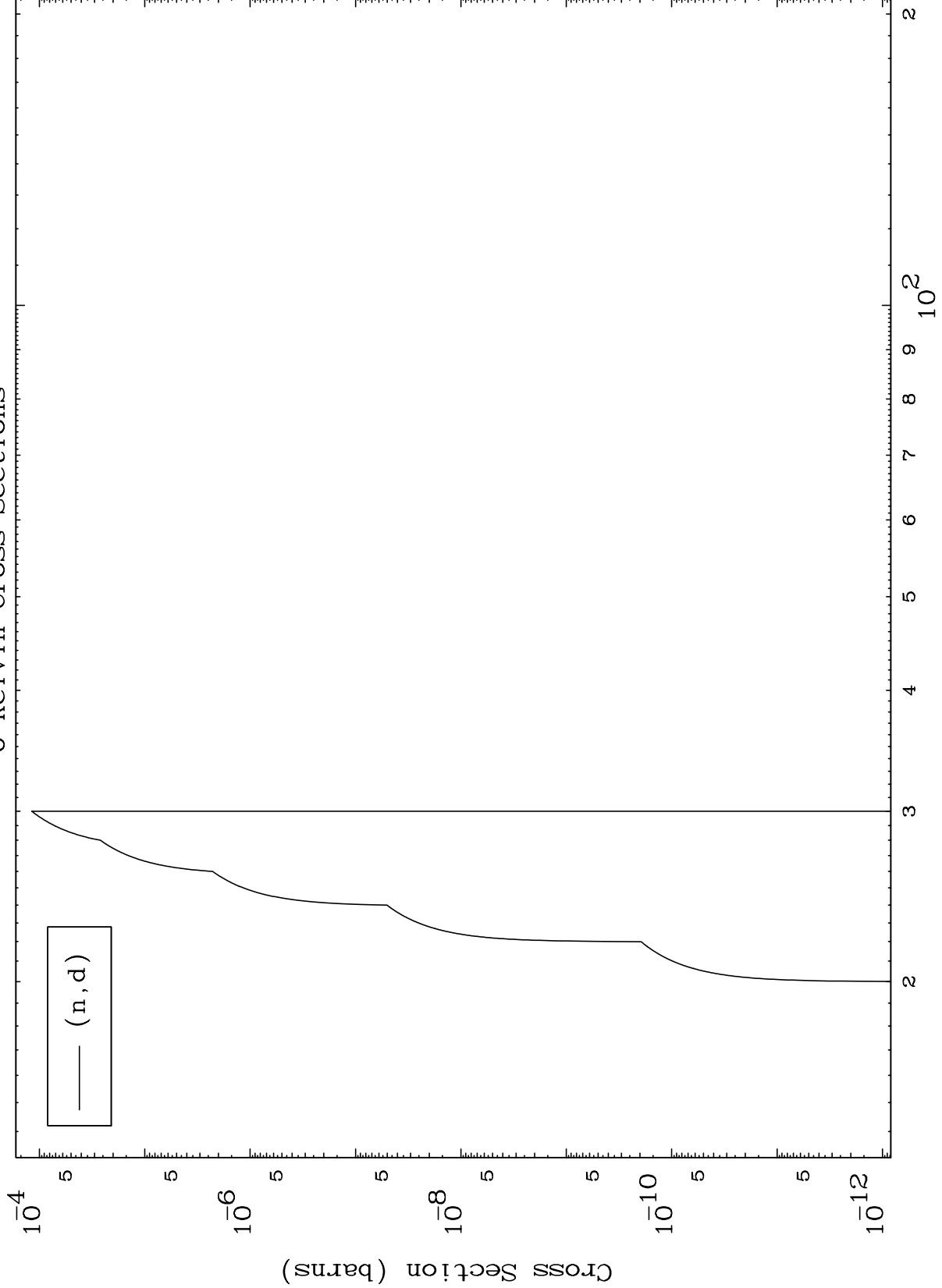
Incident Energy (MeV)

4

MAT 9552

(α, d) Levels
0 Kelvin Cross Sections

95-Am-244



5

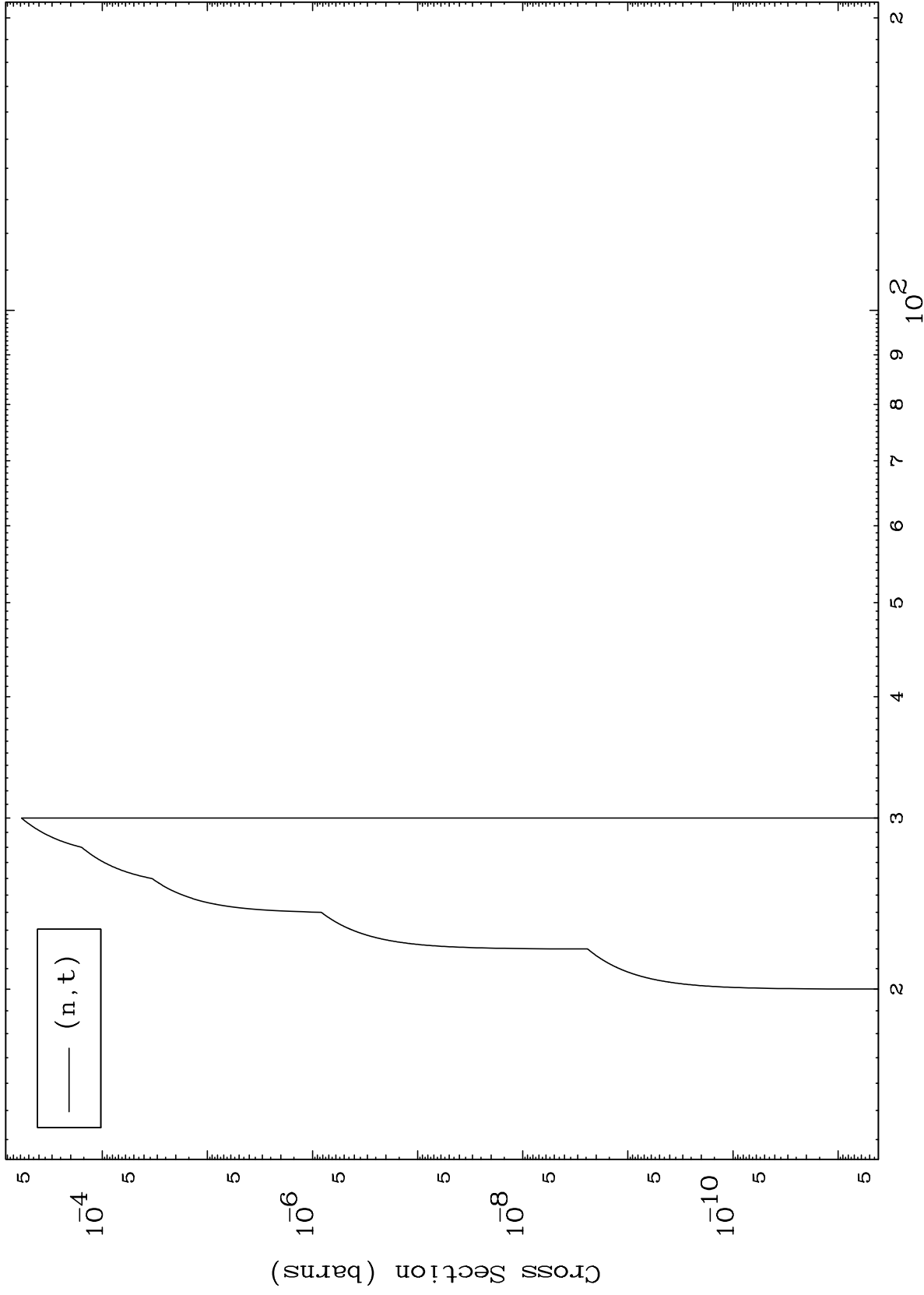
Incident Energy (MeV)

95-Am-244

MAT 9552

(α, t) Levels
0 Kelvin Cross Sections

95-Am-244



6

Incident Energy (MeV)

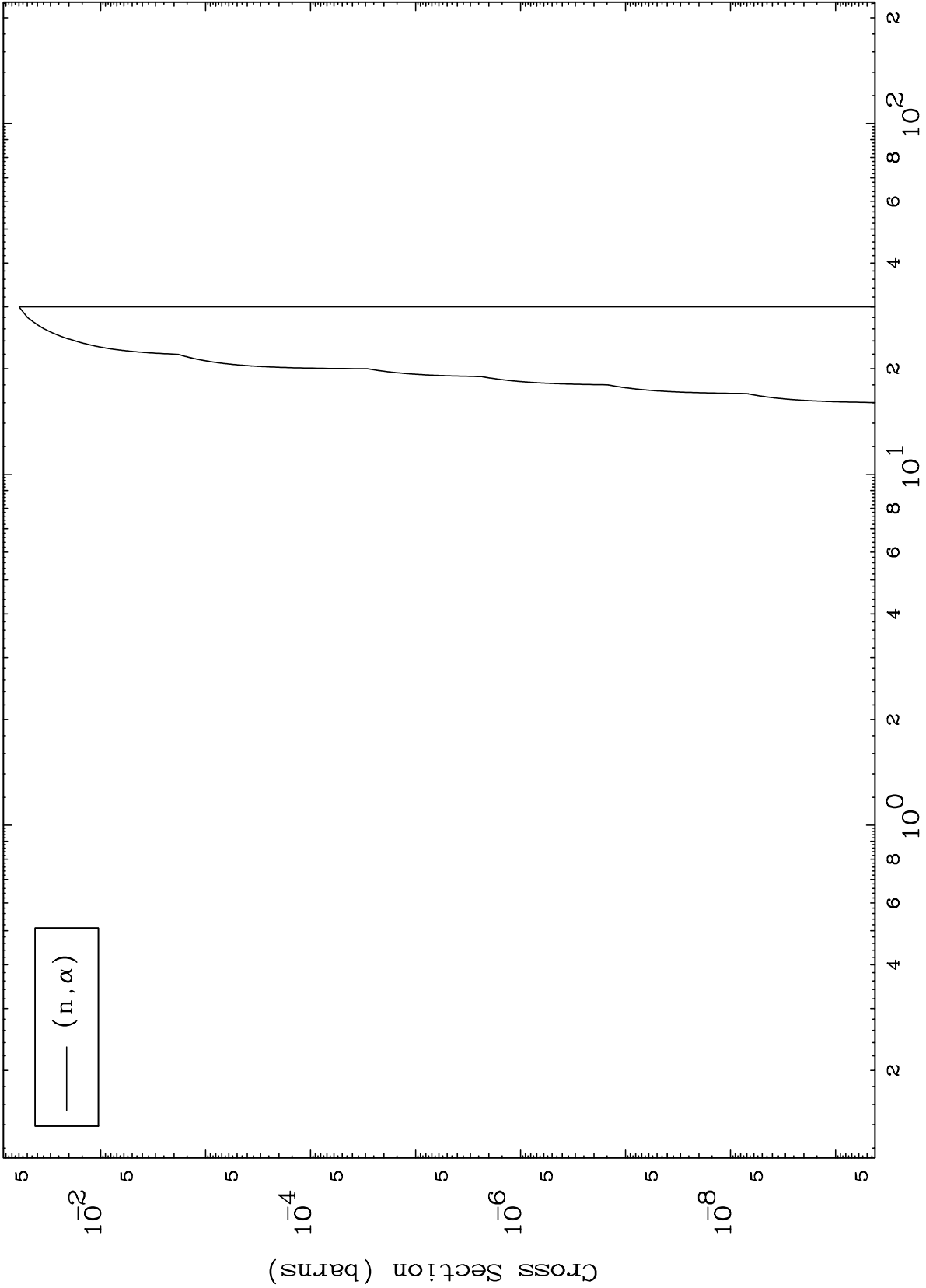
95-Am-244

MAT 9552

(α, α) Levels

95-Am-244

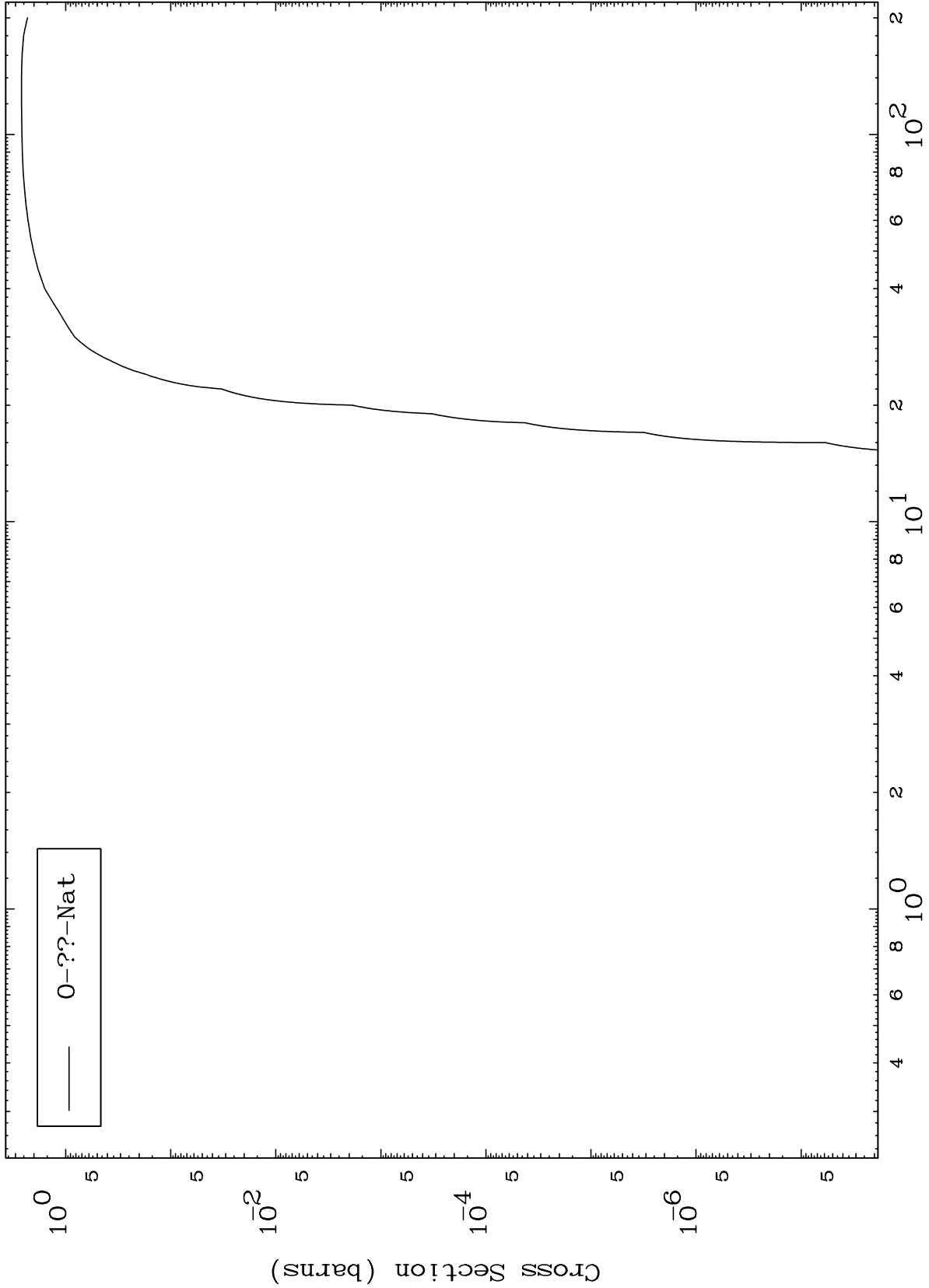
0 Kelvin Cross Sections



MAT 9552

95-Am-244

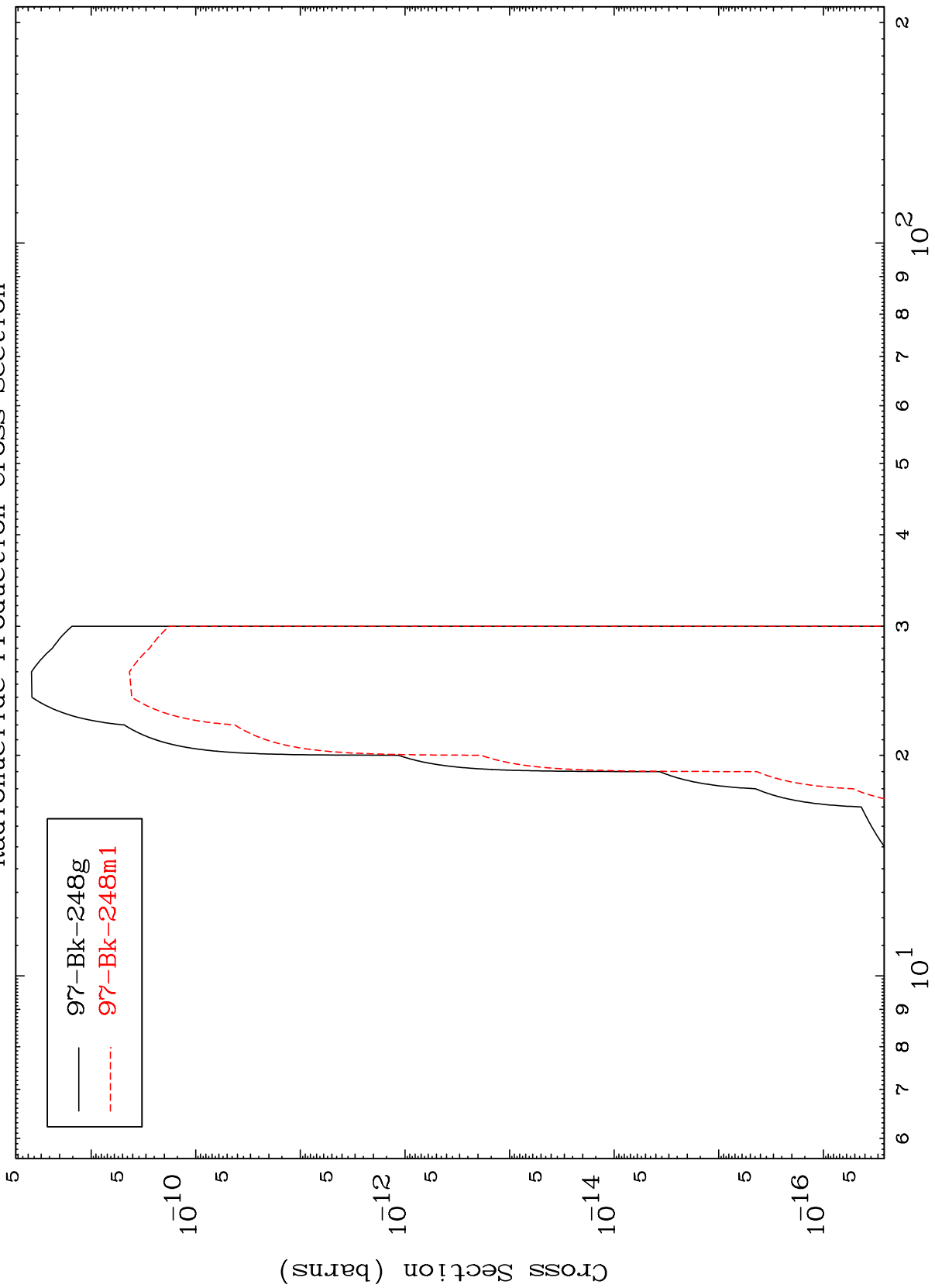
Fission
Radionuclide Production Cross Section



MAT 9552

95-Am-244

(n, γ)
Radionuclide Production Cross Section



9

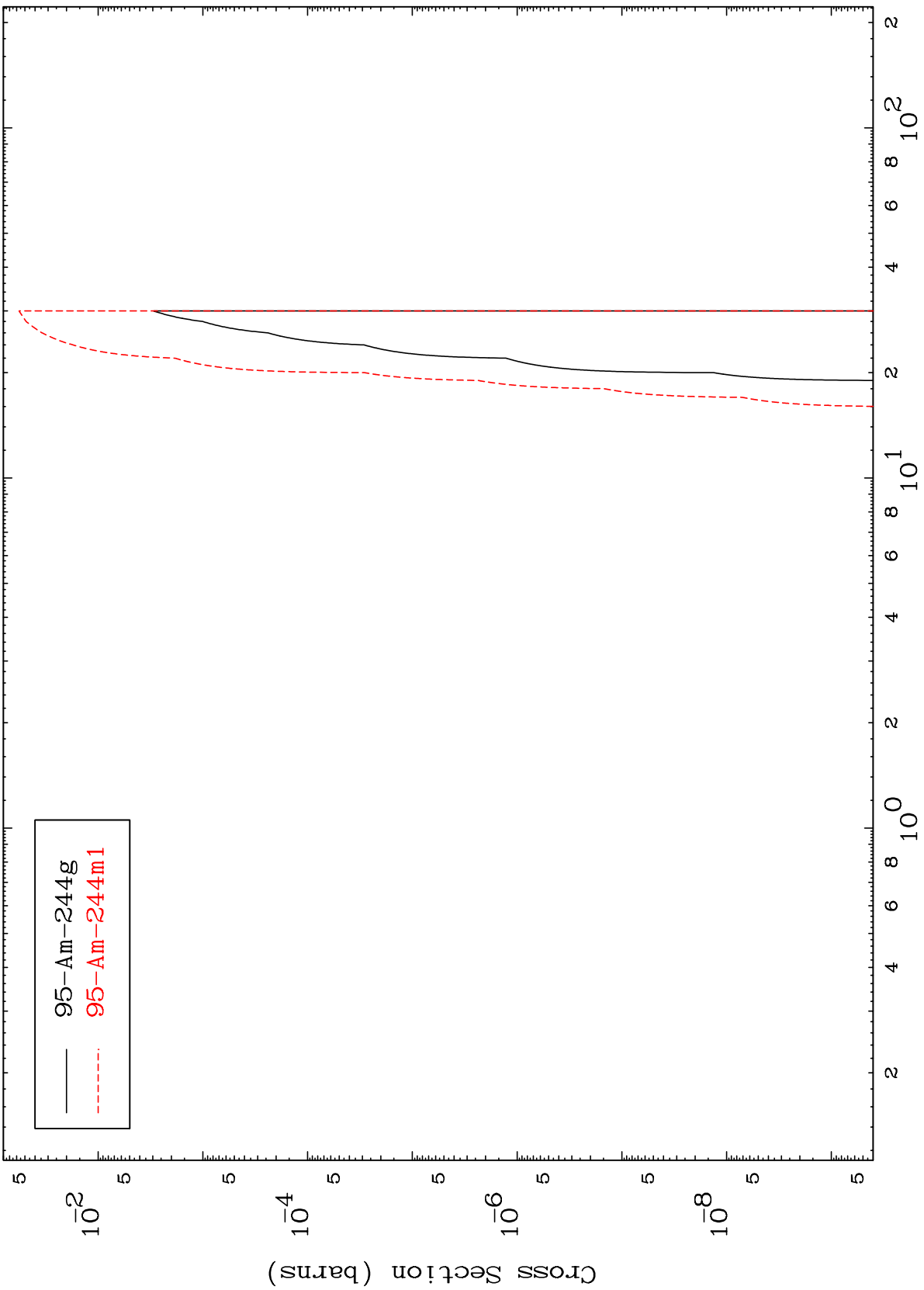
Incident Energy (MeV)

95-Am-244

MAT 9552

95-Am-244

(n, α)
Radionuclide Production Cross Section



— 95-Am-244g
- - - 95-Am-244m1

95-Am-244

Incident Energy (MeV)

10