

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

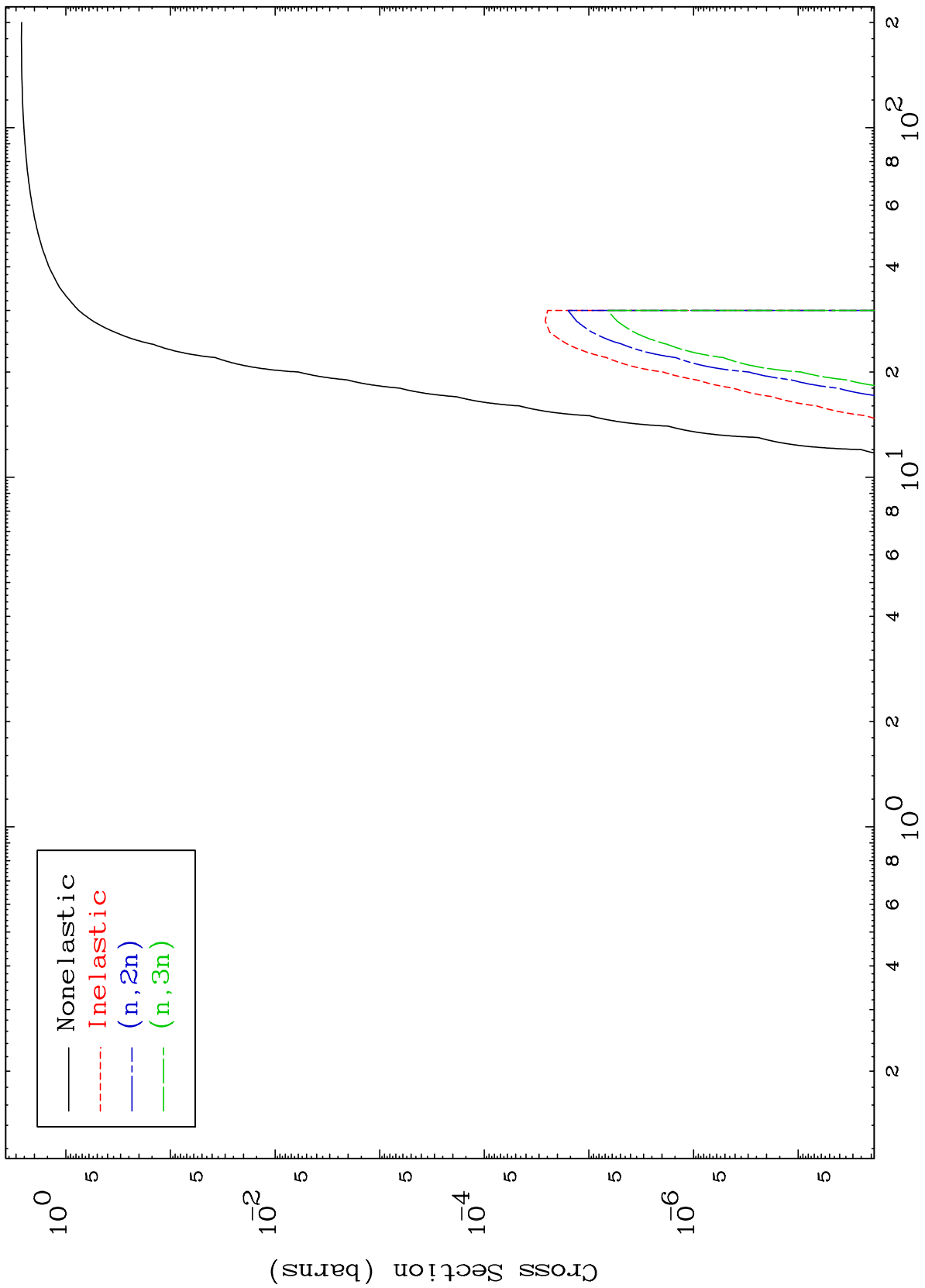
Press Mouse Button to Start

MAT 9455

He-3 Major

94-Pu-245

0 Kelvin Cross Sections

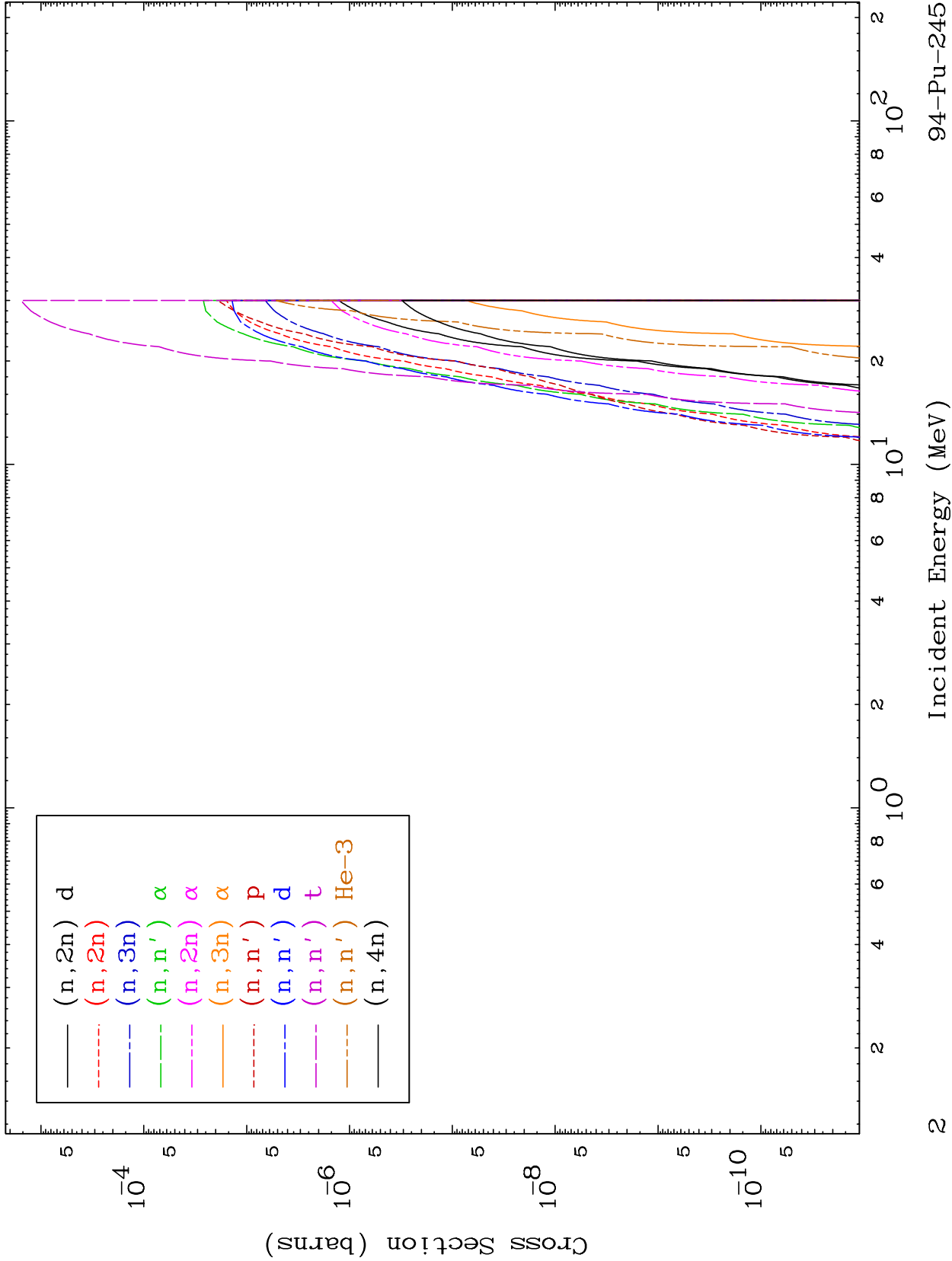


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, 3n)

MAT 9455

He-3 Neutron Absorption
0 Kelvin Cross Sections

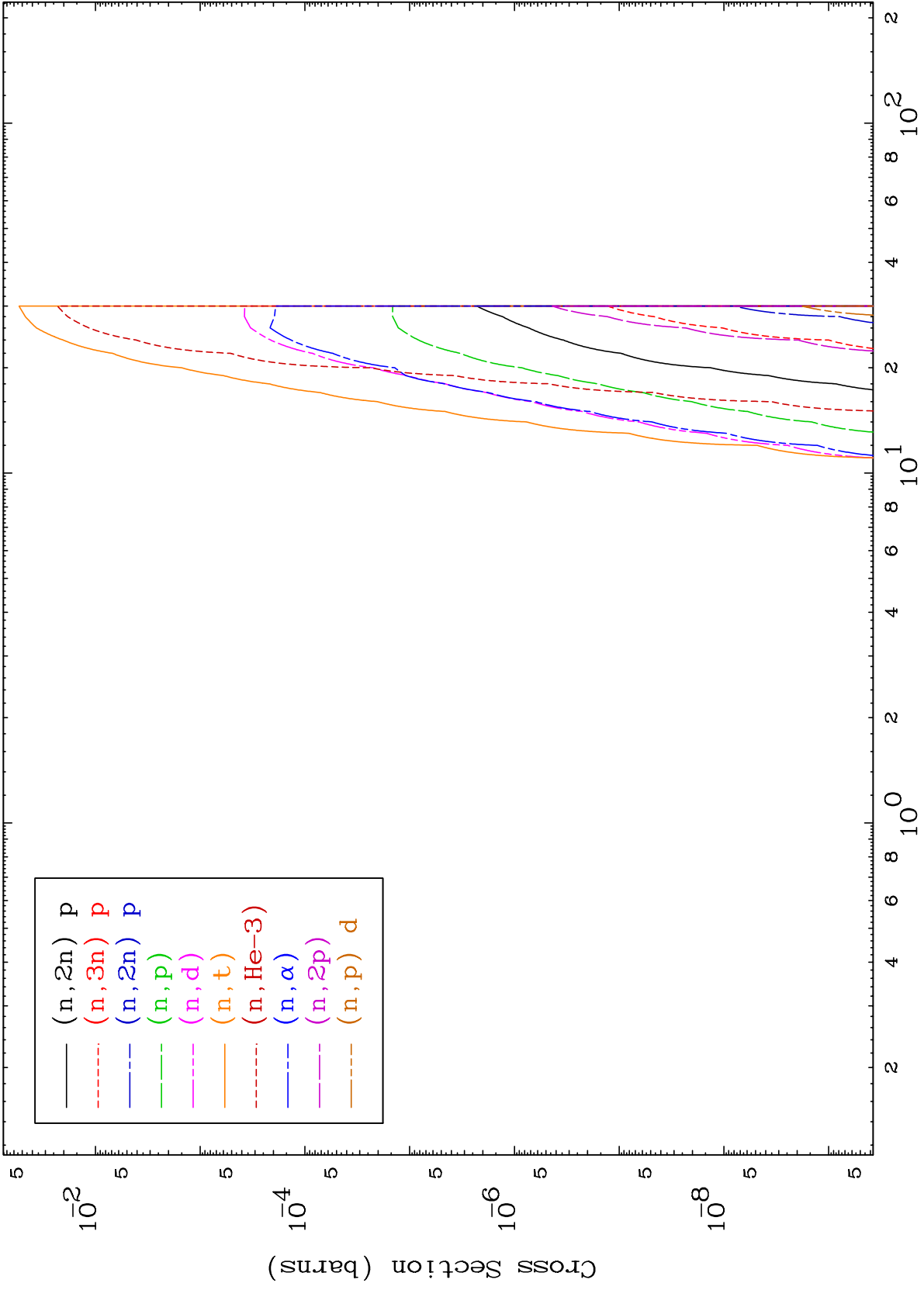
94-Pu-245



MAT 9455

He-3 Neutron Absorption
0 Kelvin Cross Sections

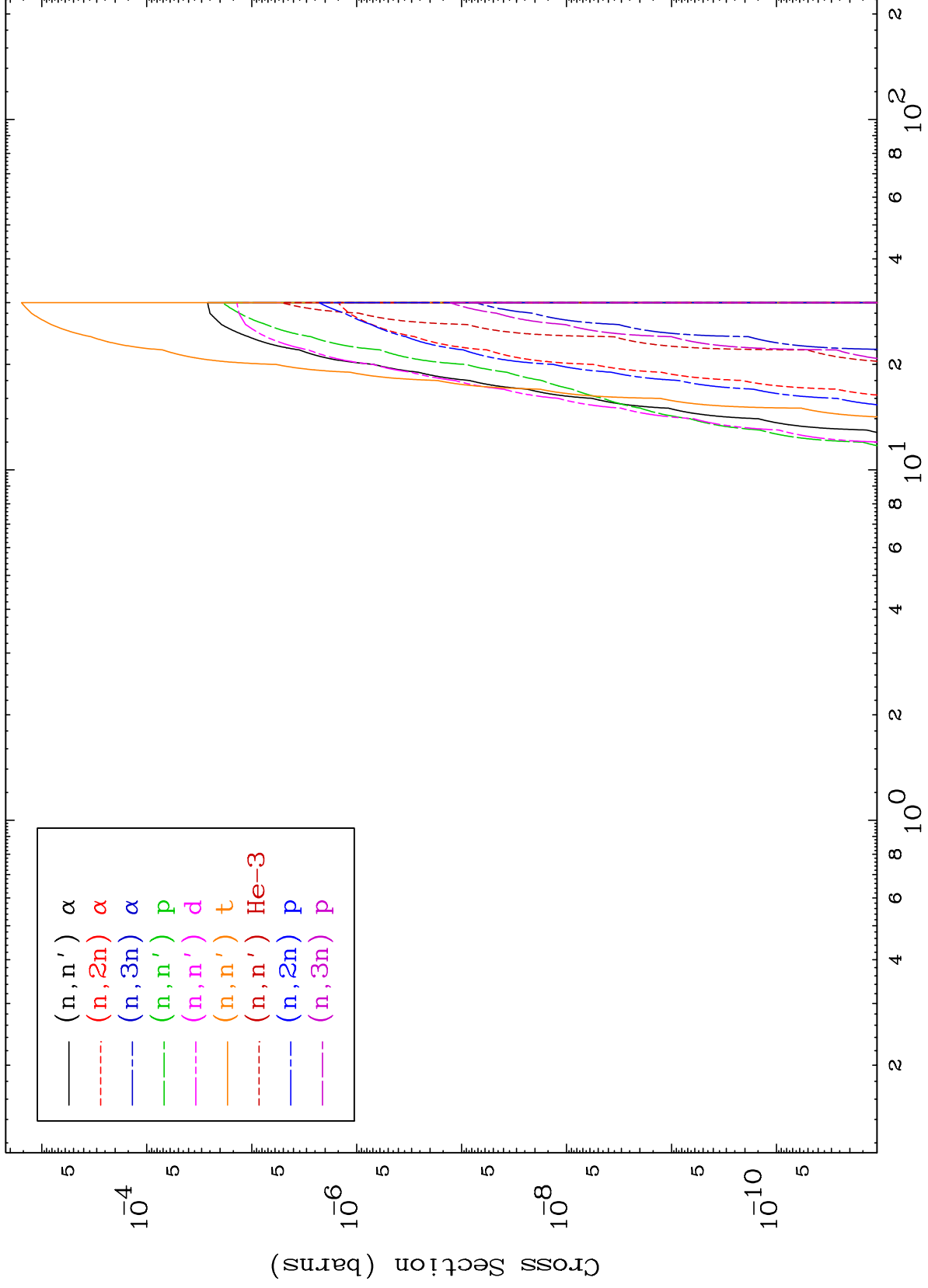
94-Pu-245



MAT 9455

He-3 Charged Particle
0 Kelvin Cross Sections

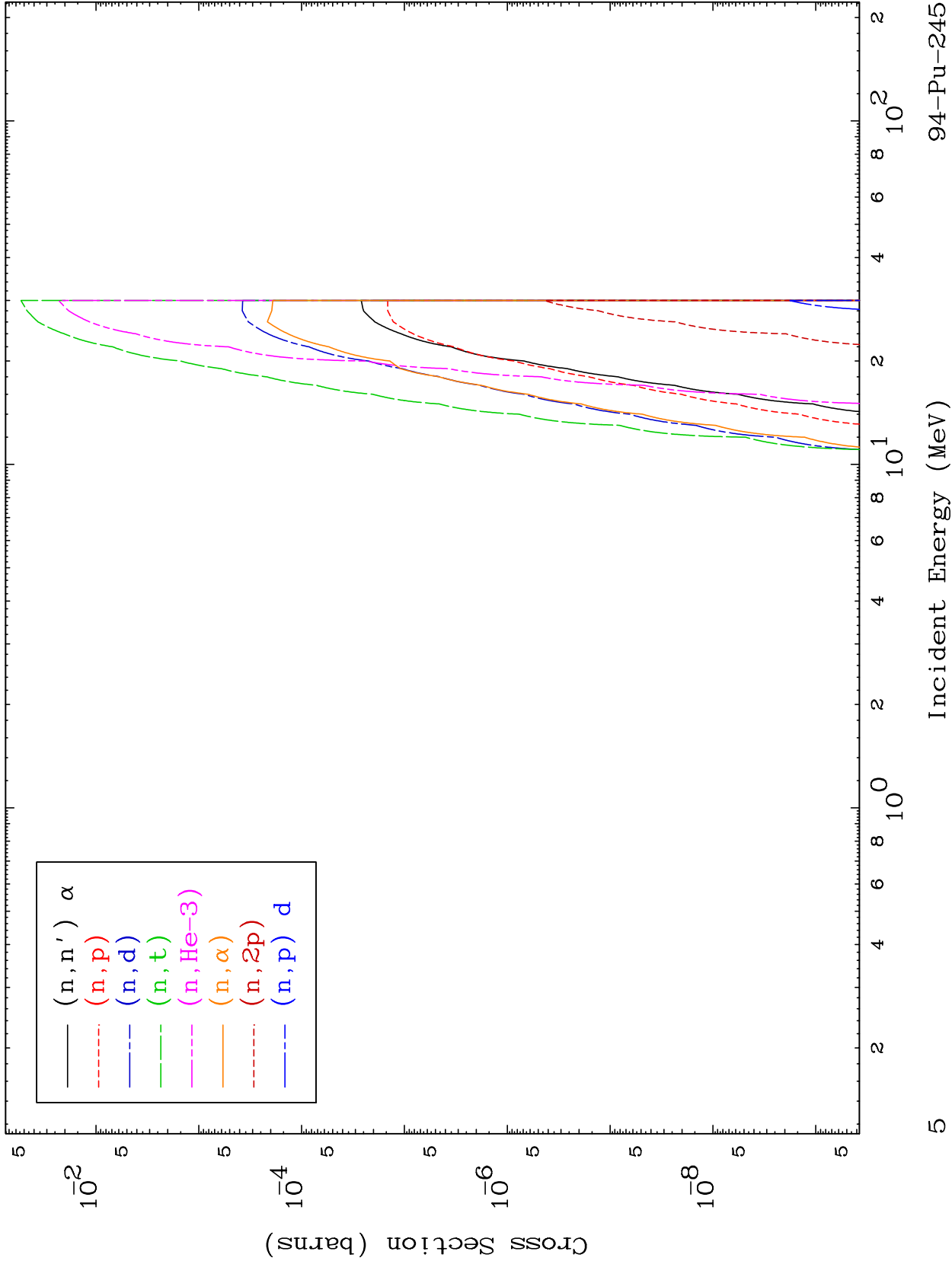
94-Pu-245



MAT 9455

He-3 Charged Particle
0 Kelvin Cross Sections

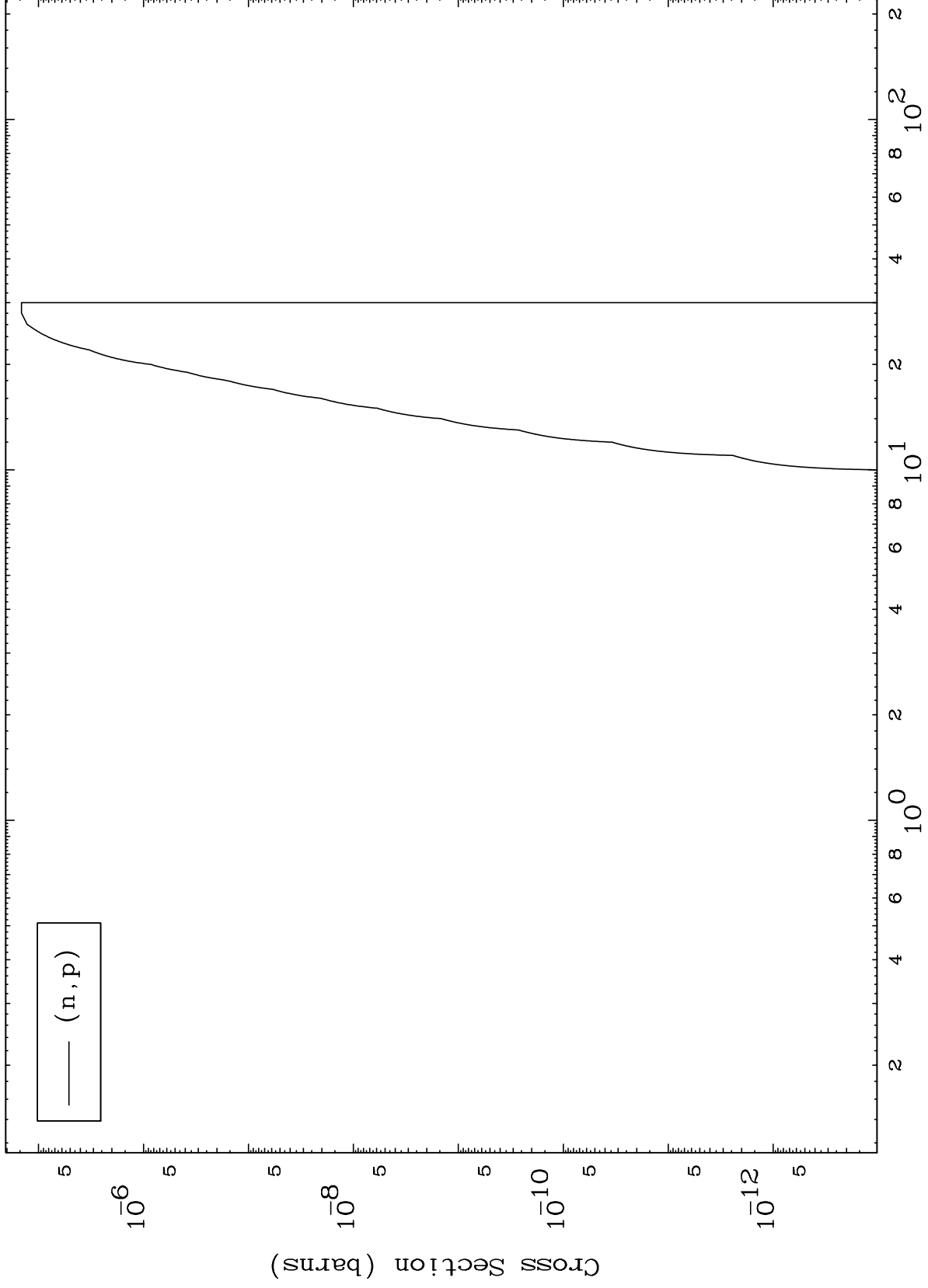
94-Pu-245



MAT 9455

(He-3,p) Levels
0 Kelvin Cross Sections

94-Pu-245

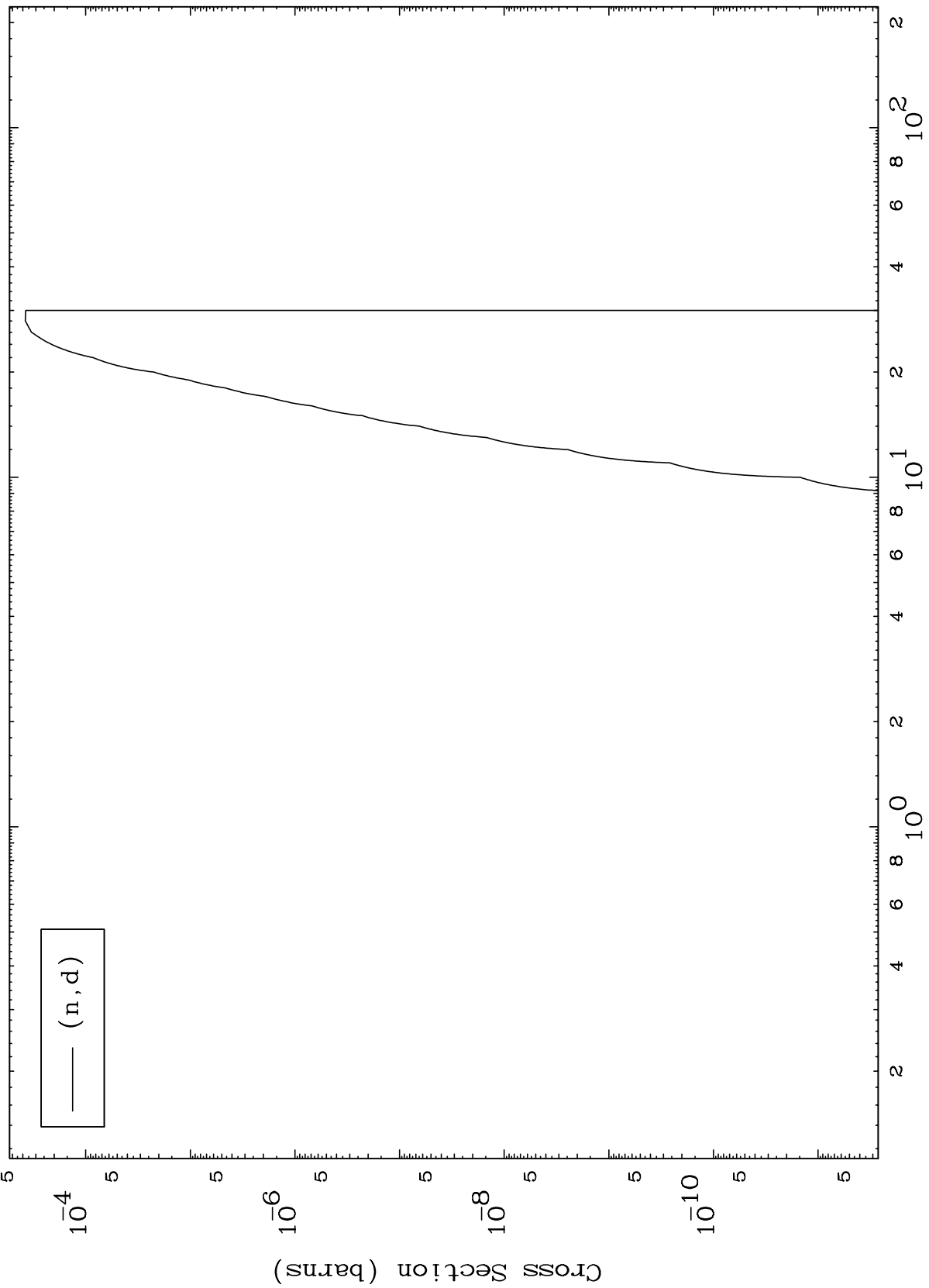


MAT 9455

(He-3,d) Levels

94-Pu-245

0 Kelvin Cross Sections

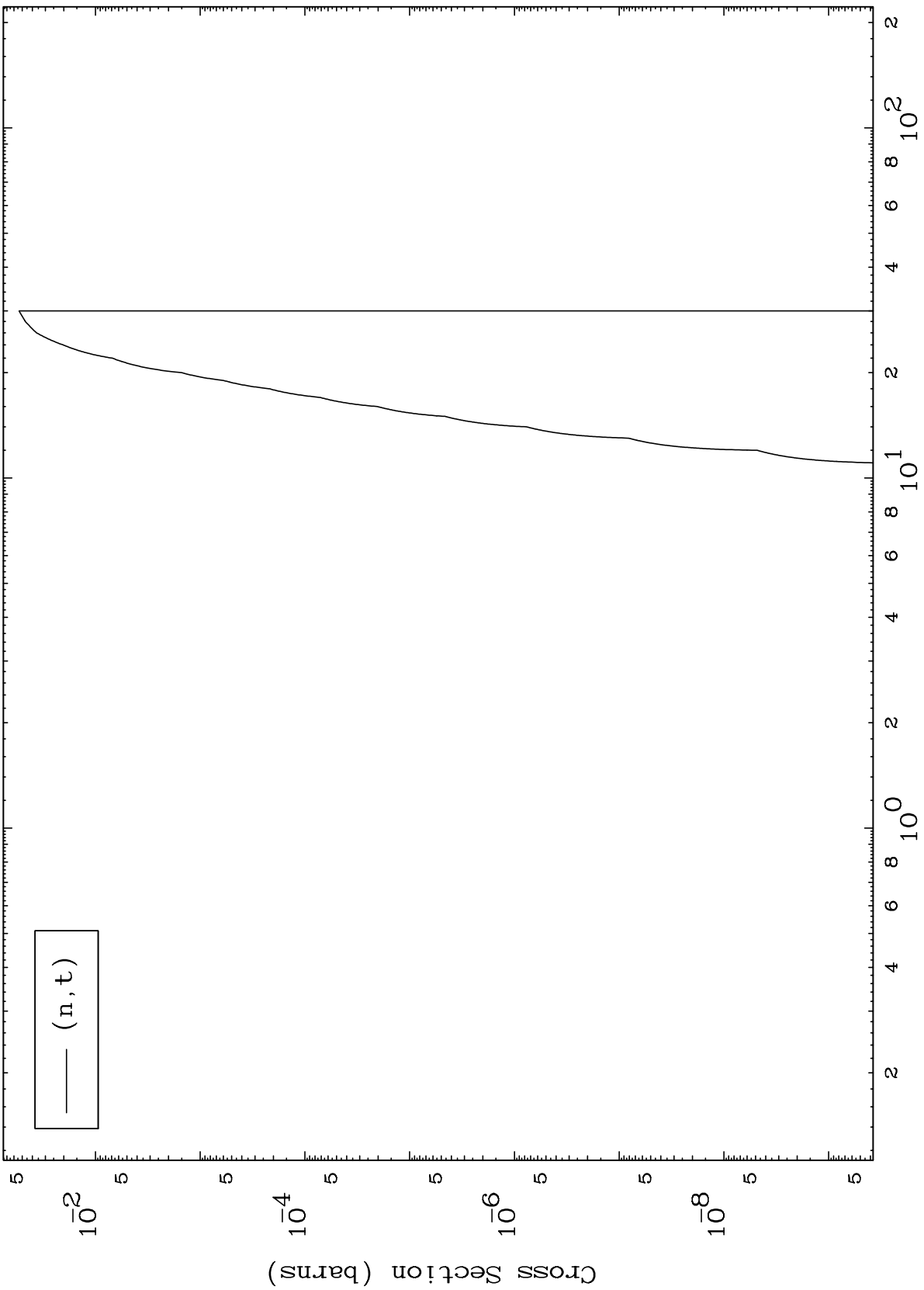


MAT 9455

(He-3,t) Levels

94-Pu-245

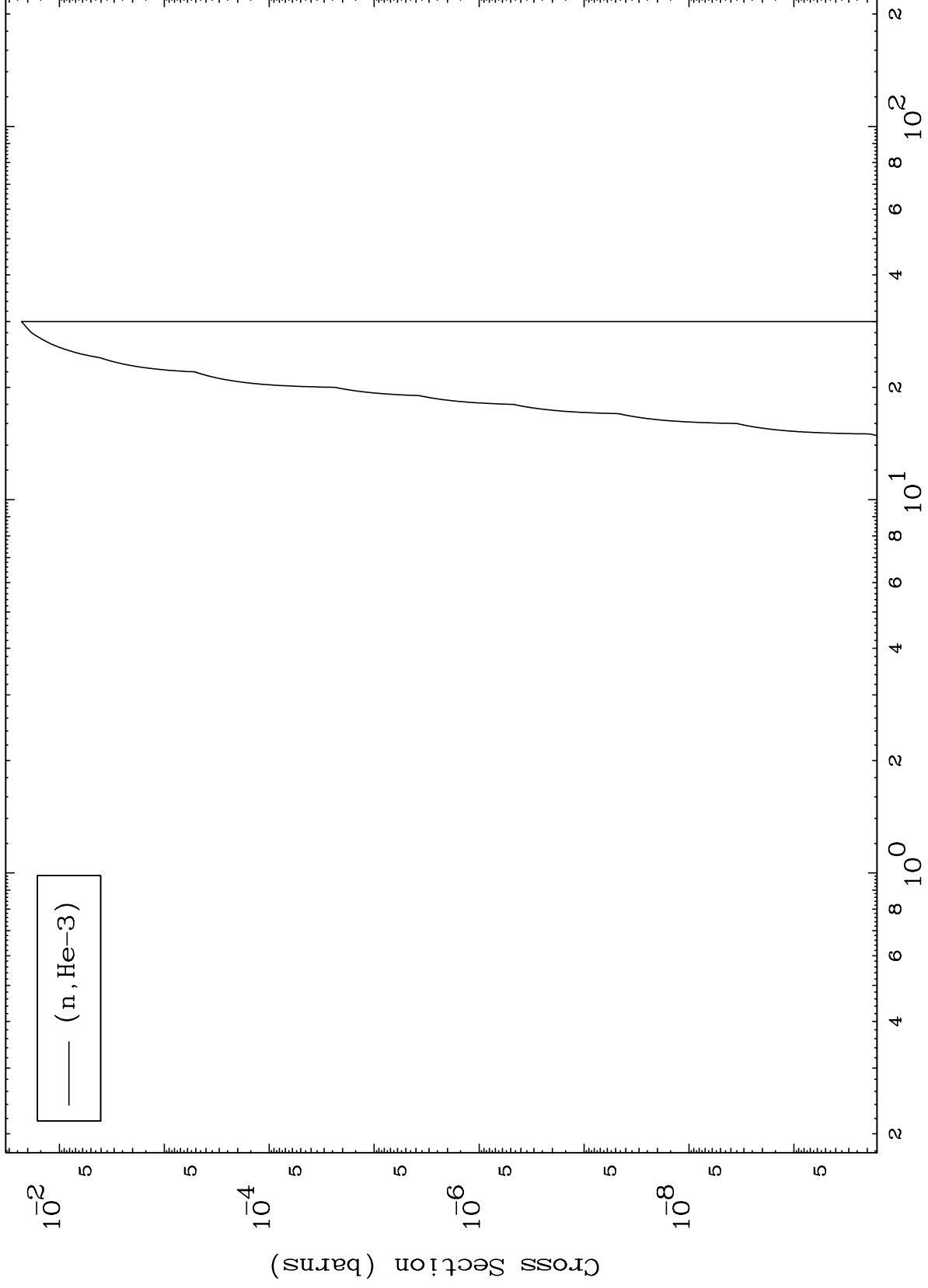
0 Kelvin Cross Sections



MAT 9455

(He-3, He3) Levels
0 Kelvin Cross Sections

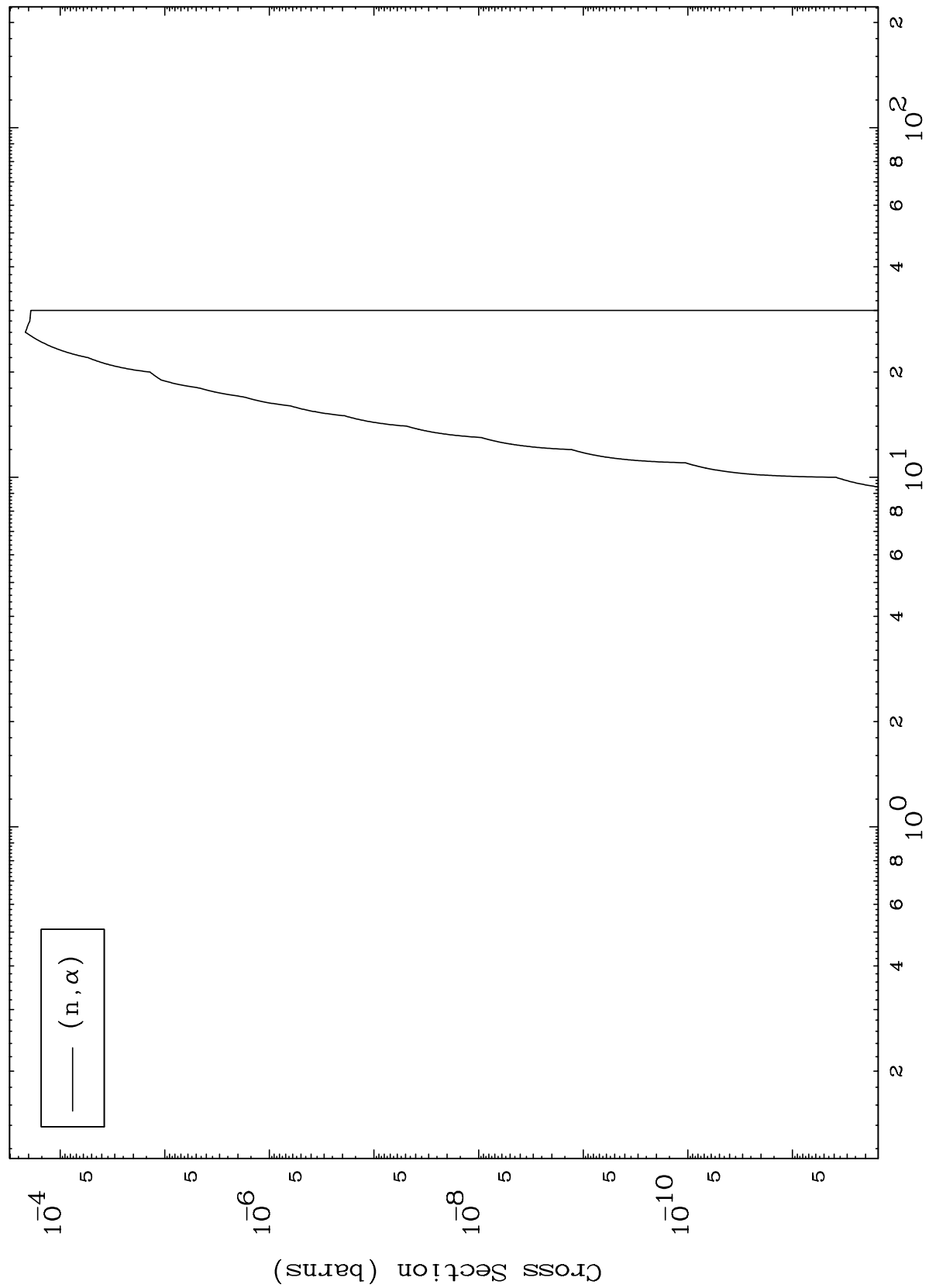
94-Pu-245



MAT 9455

94-Pu-245

(He-3, α) Levels
0 Kelvin Cross Sections



10

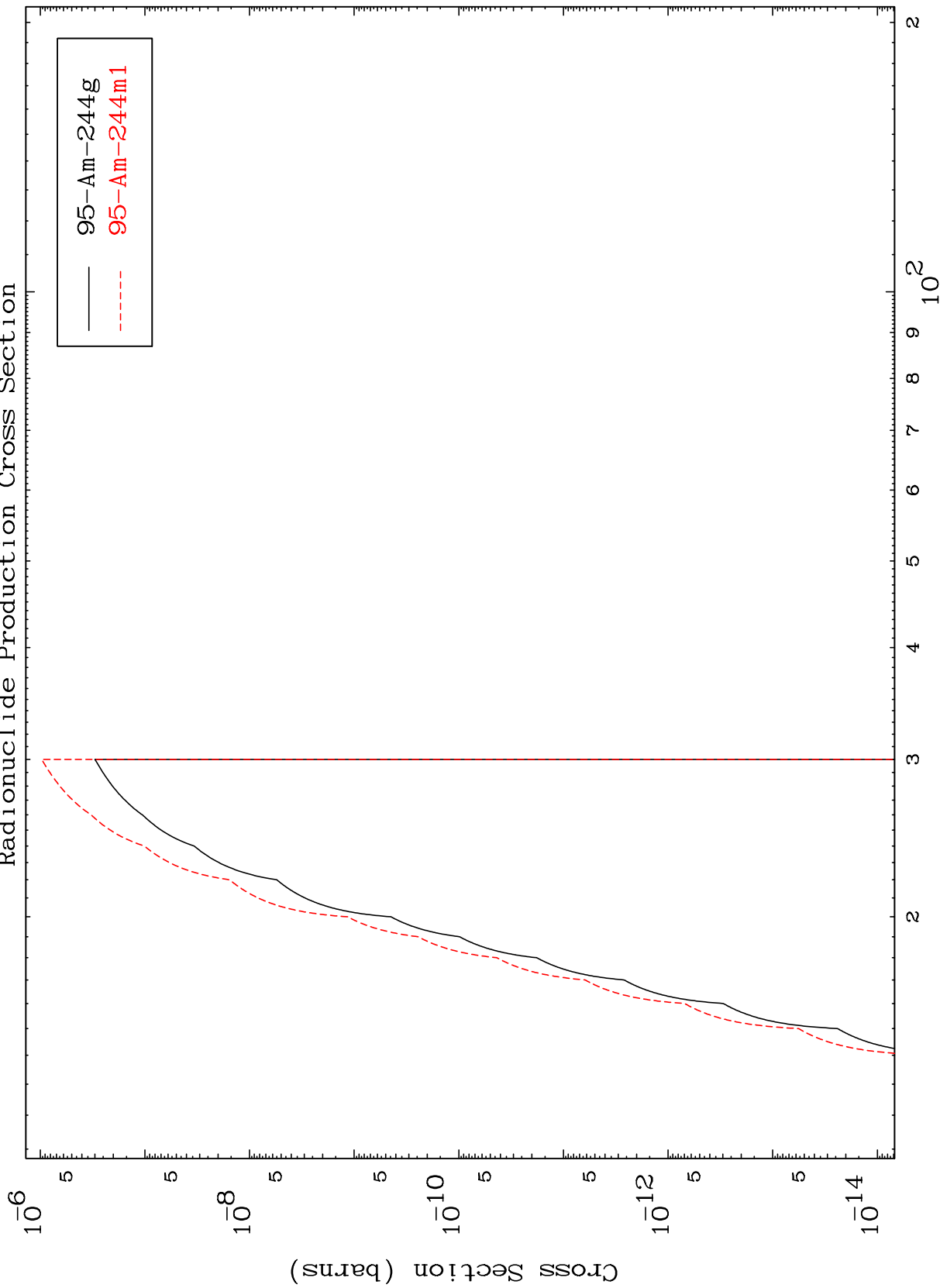
94-Pu-245

MAT 9455

(n,2n) d

94-Pu-245

Radionuclide Production Cross Section



Incident Energy (MeV)

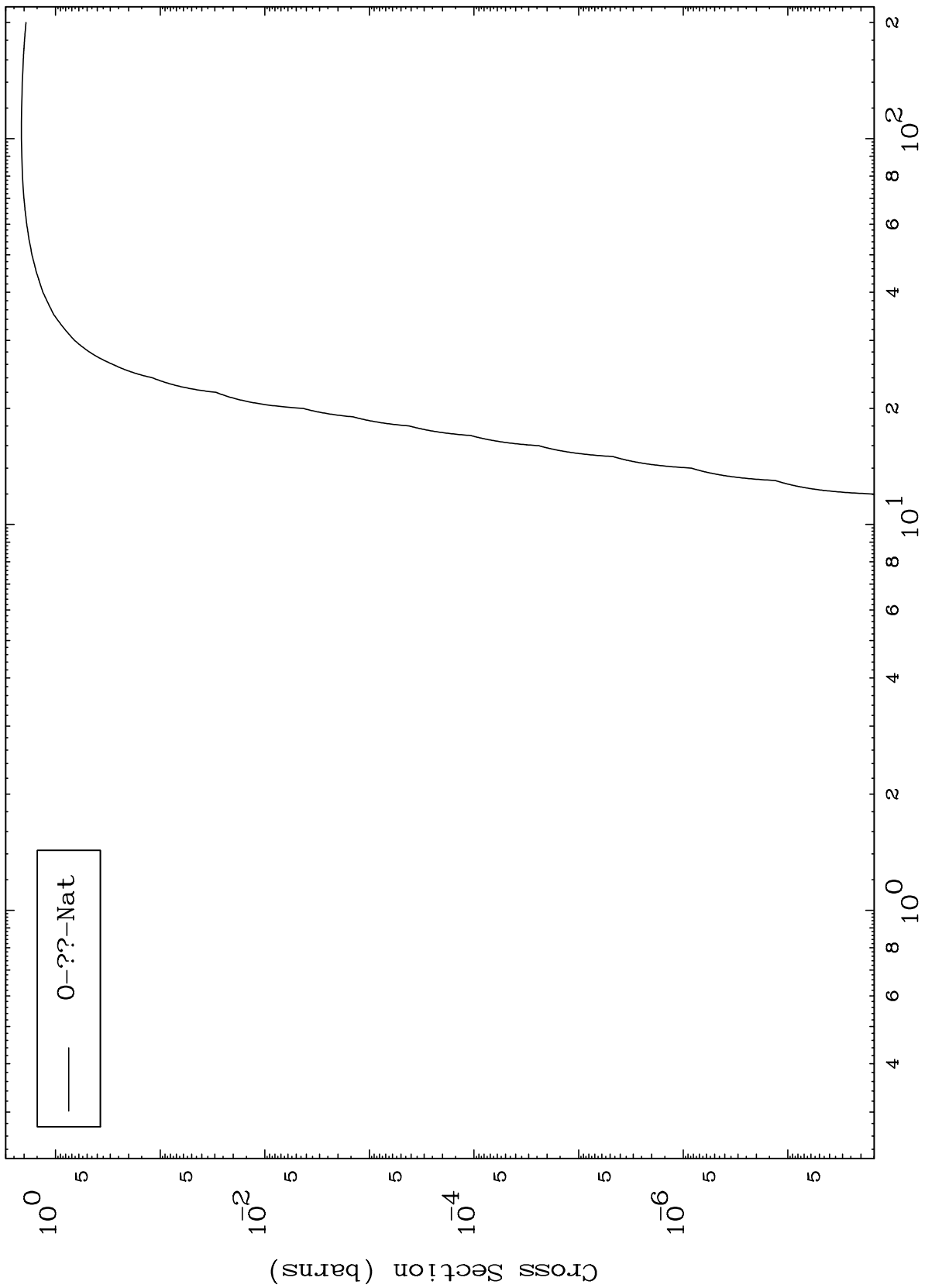
94-Pu-245

11

MAT 9455

94-Pu-245

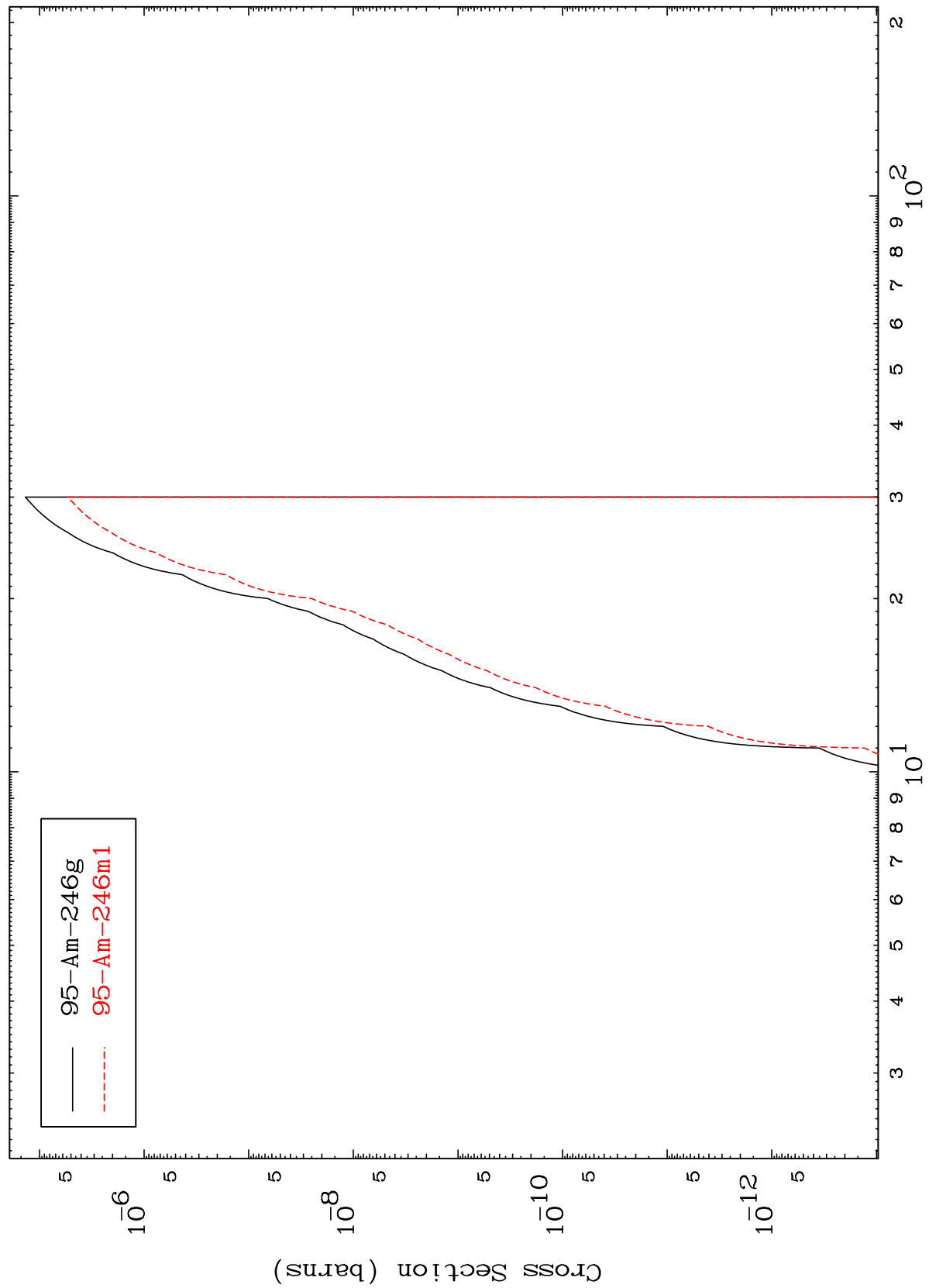
Fission
Radionuclide Production Cross Section



MAT 9455

94-Pu-245

(n,n') p
Radionuclide Production Cross Section



— 95-Am-246g
- - - 95-Am-246m1

94-Pu-245

Incident Energy (MeV)

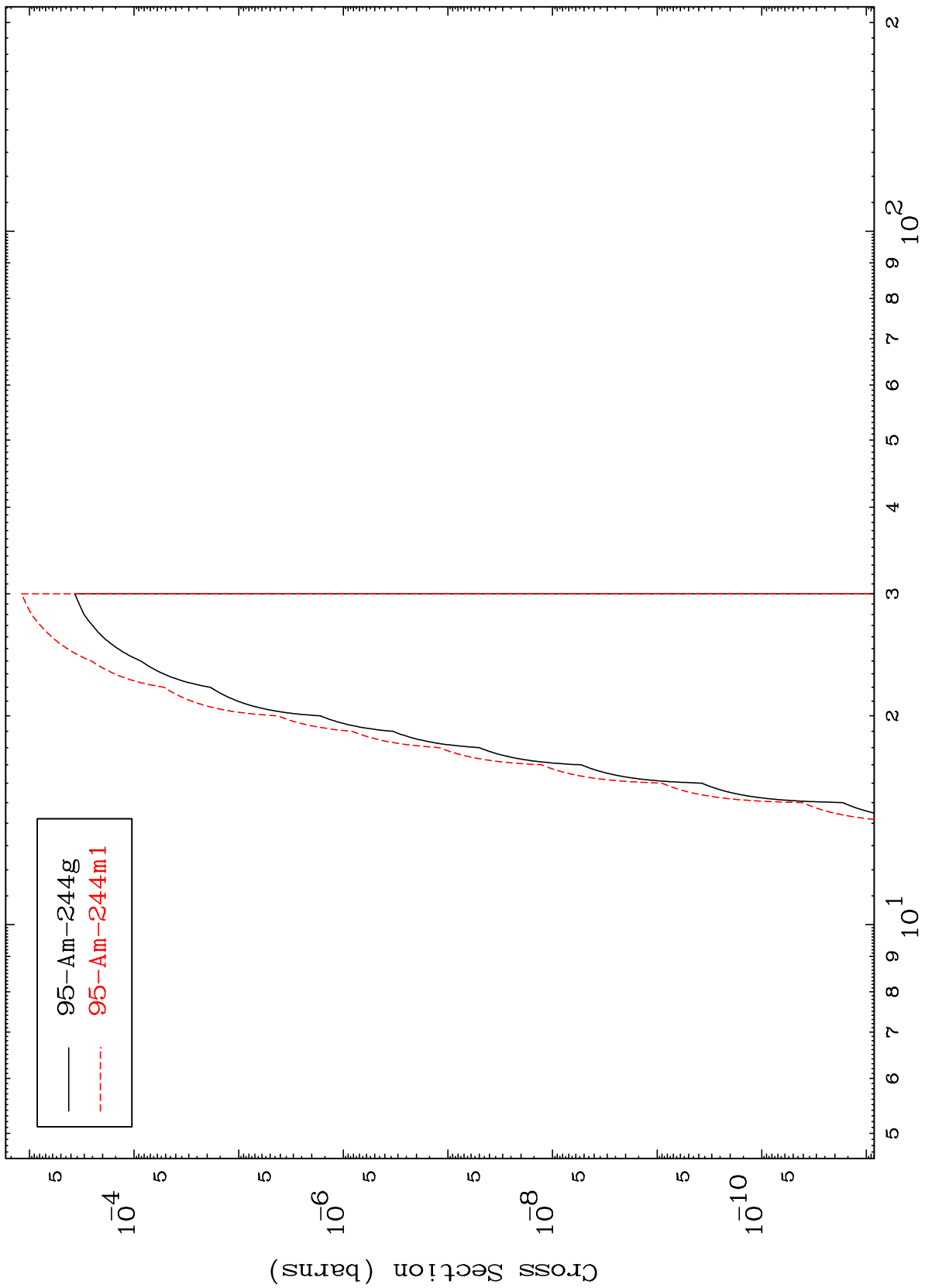
13

MAT 9455

(n,n') t

94-Pu-245

Radionuclide Production Cross Section



14

Incident Energy (MeV)

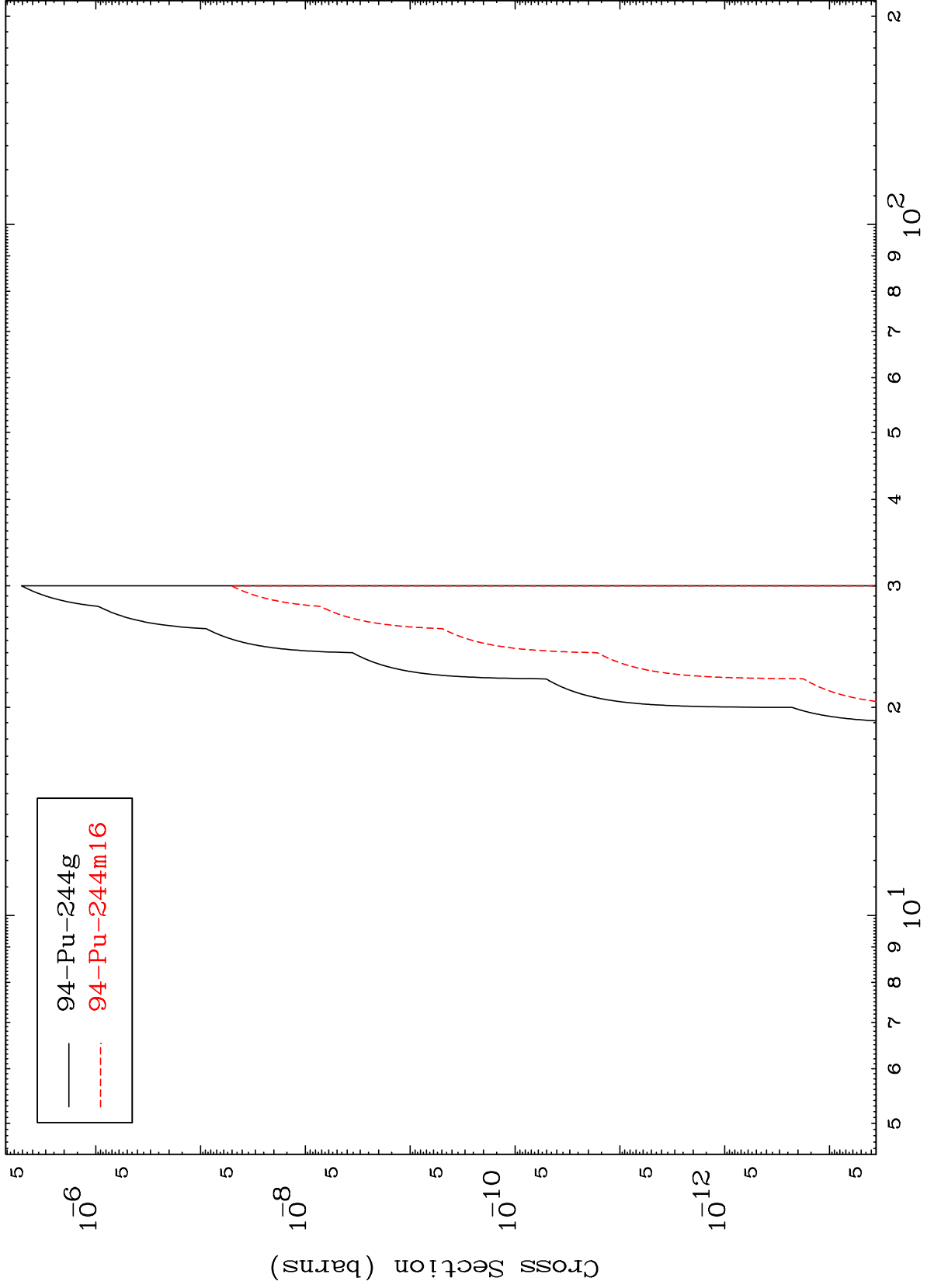
94-Pu-245

MAT 9455

(n,n') He-3

94-Pu-245

Radionuclide Production Cross Section



94-Pu-244g
94-Pu-244m16

15

Incident Energy (MeV)

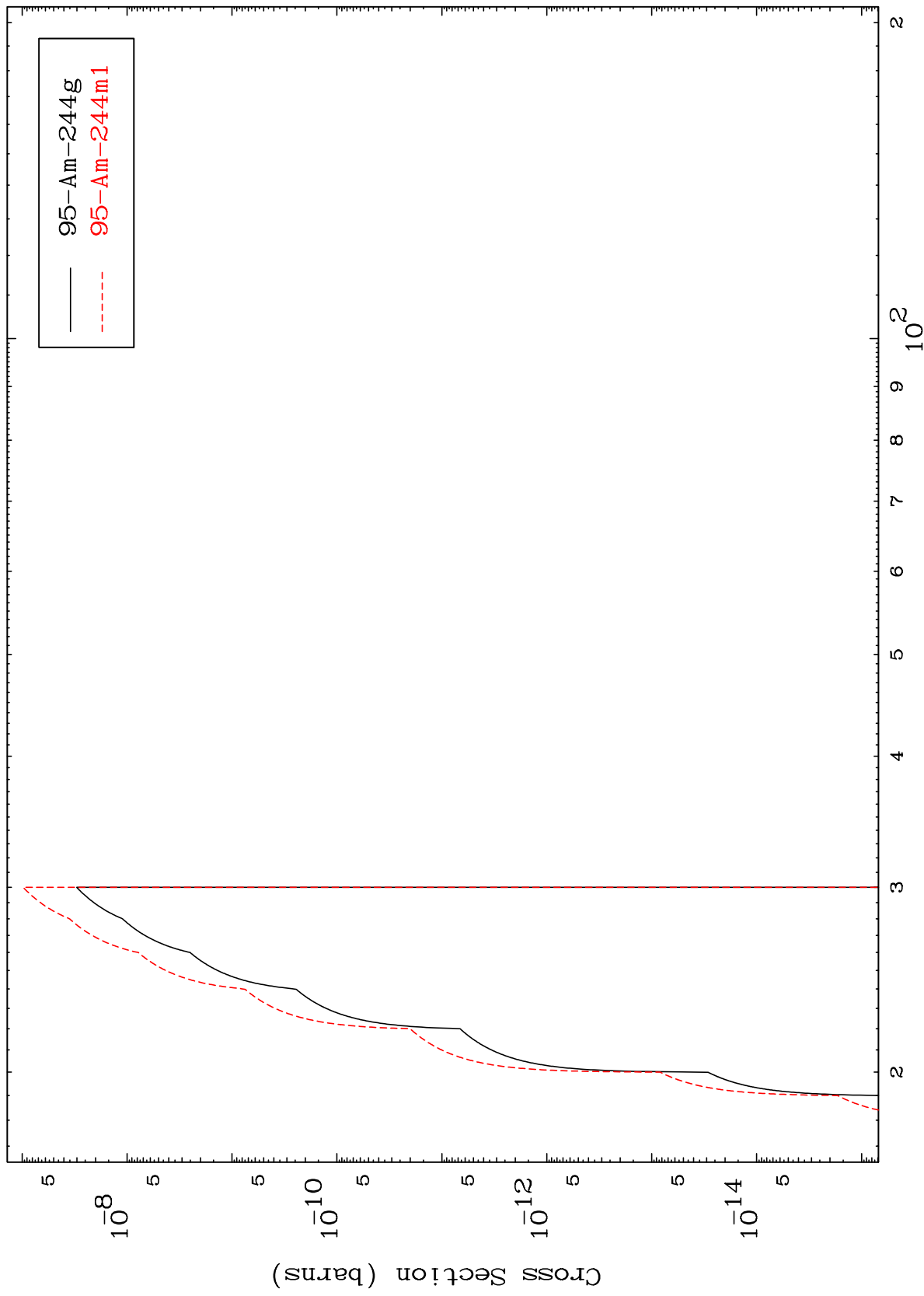
94-Pu-245

MAT 9455

(n,3n) p

94-Pu-245

Radionuclide Production Cross Section



16

Incident Energy (MeV)

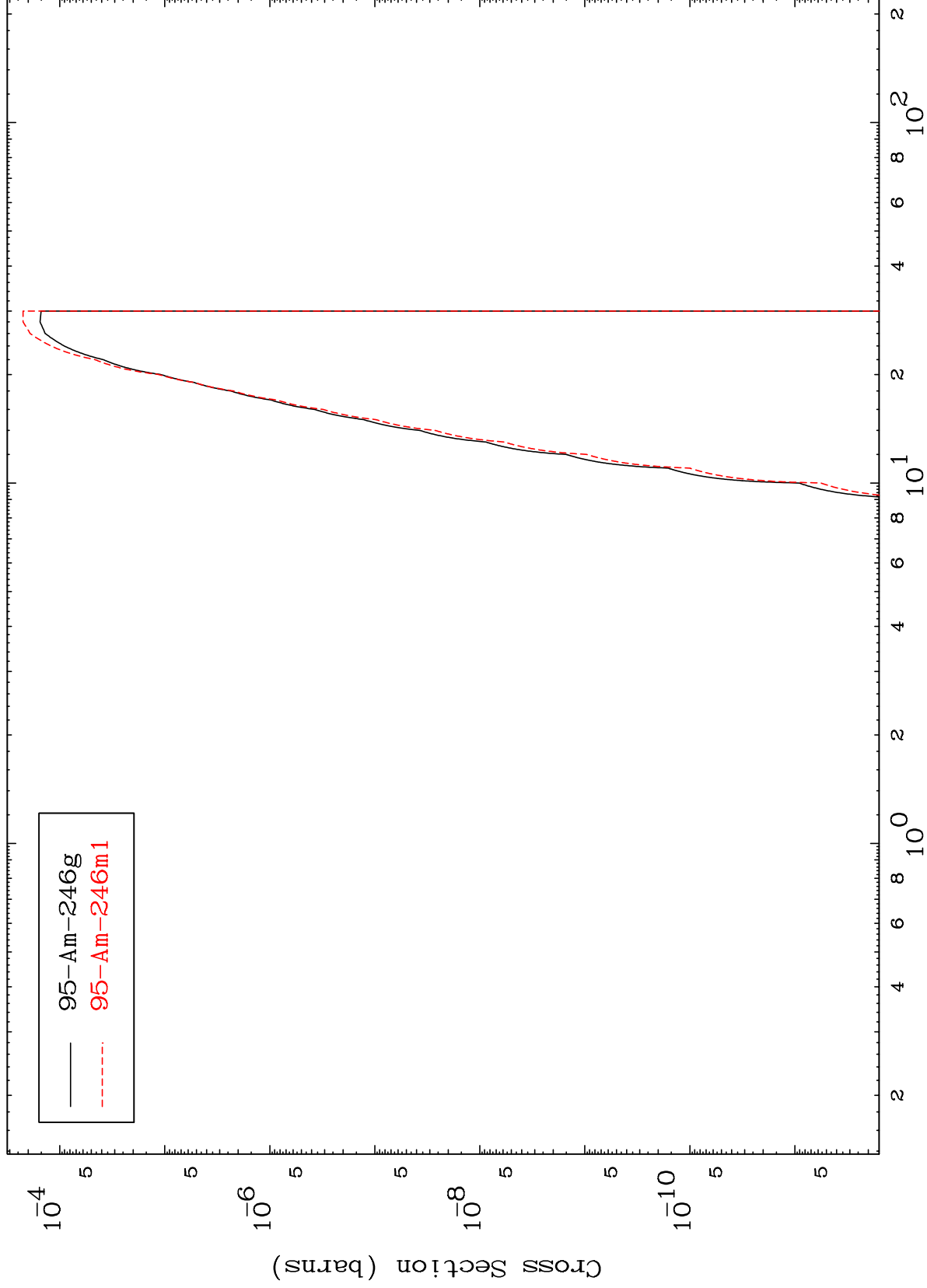
94-Pu-245

MAT 9455

(n,d)

94-Pu-245

Radionuclide Production Cross Section



17

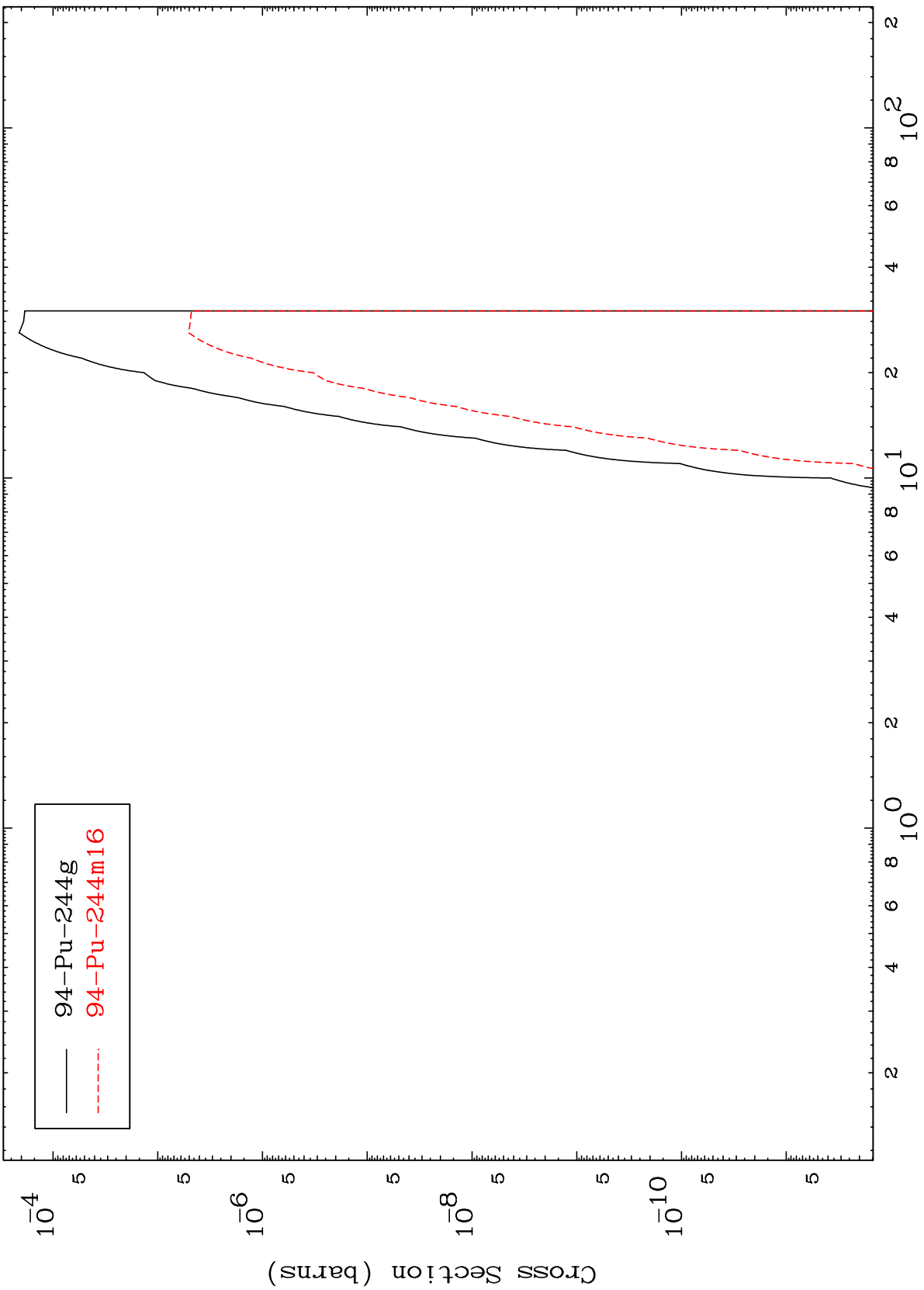
Incident Energy (MeV)

94-Pu-245

MAT 9455

94-Pu-245

Radionuclide Production Cross Section
(n, α)



94-Pu-244g
94-Pu-244m16

94-Pu-245

Incident Energy (MeV)

18