

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

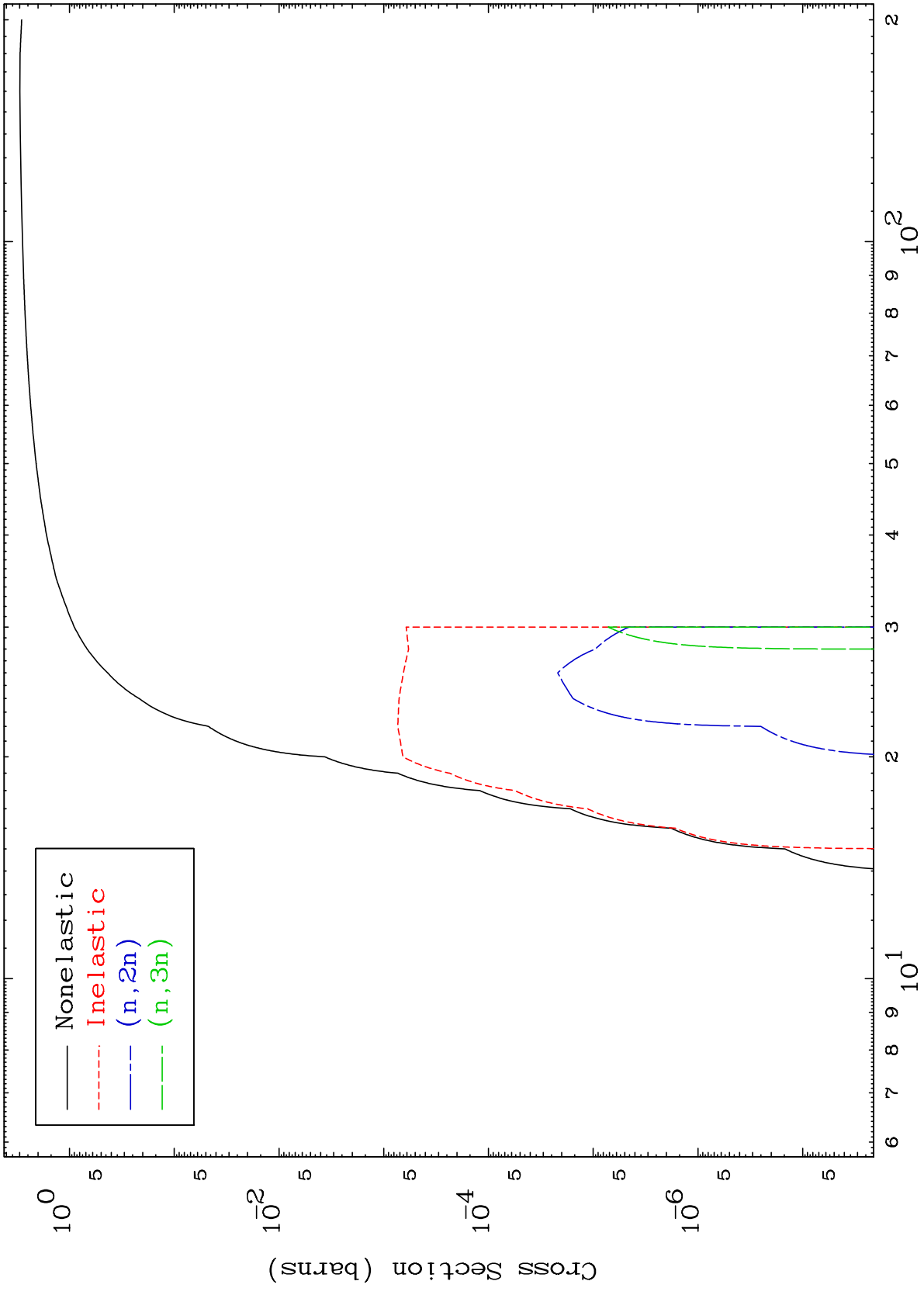
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

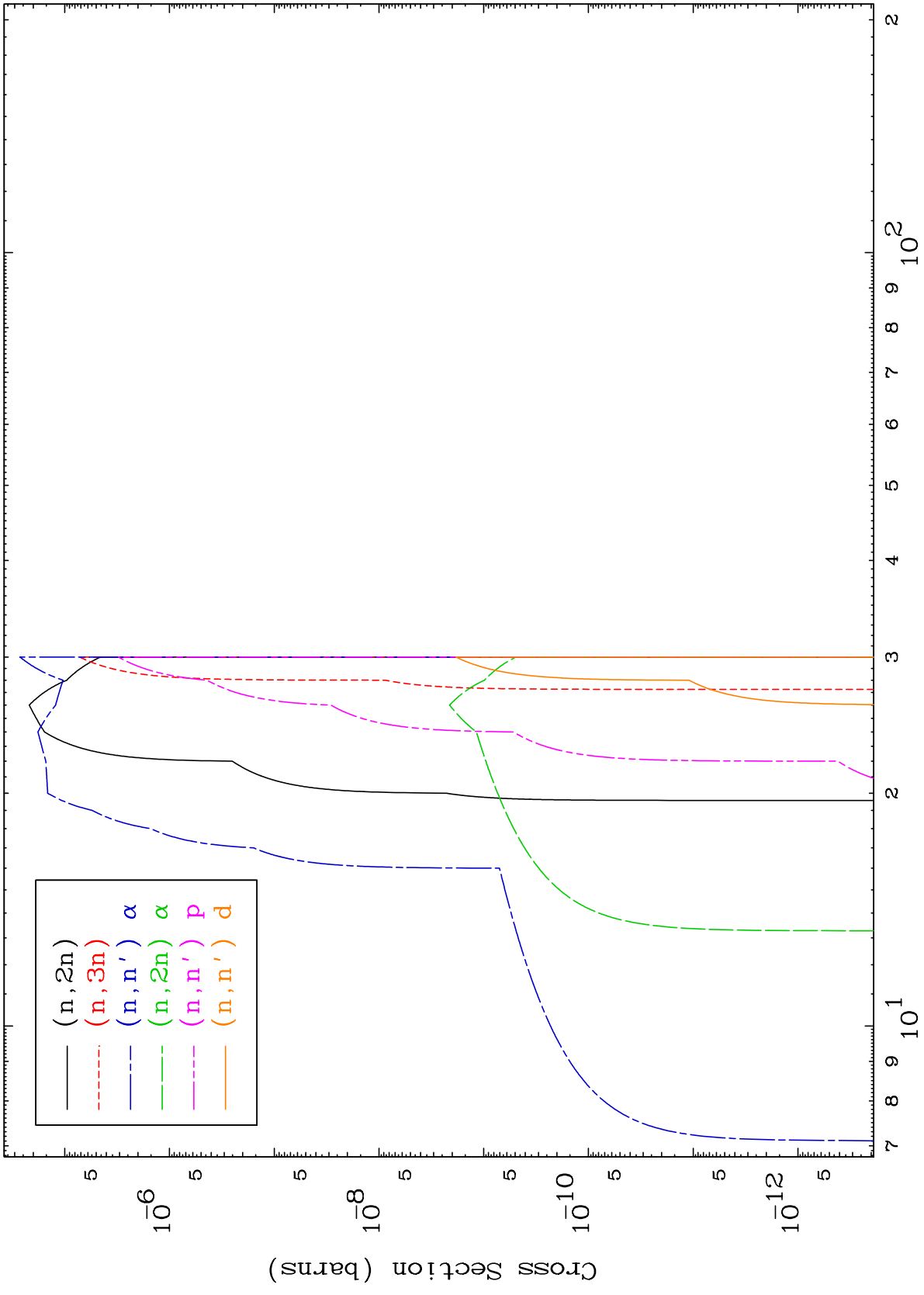
Press Mouse Button to Start

MAT 9340

0 Kelvin α Major
Cross Sections

93-Np-235

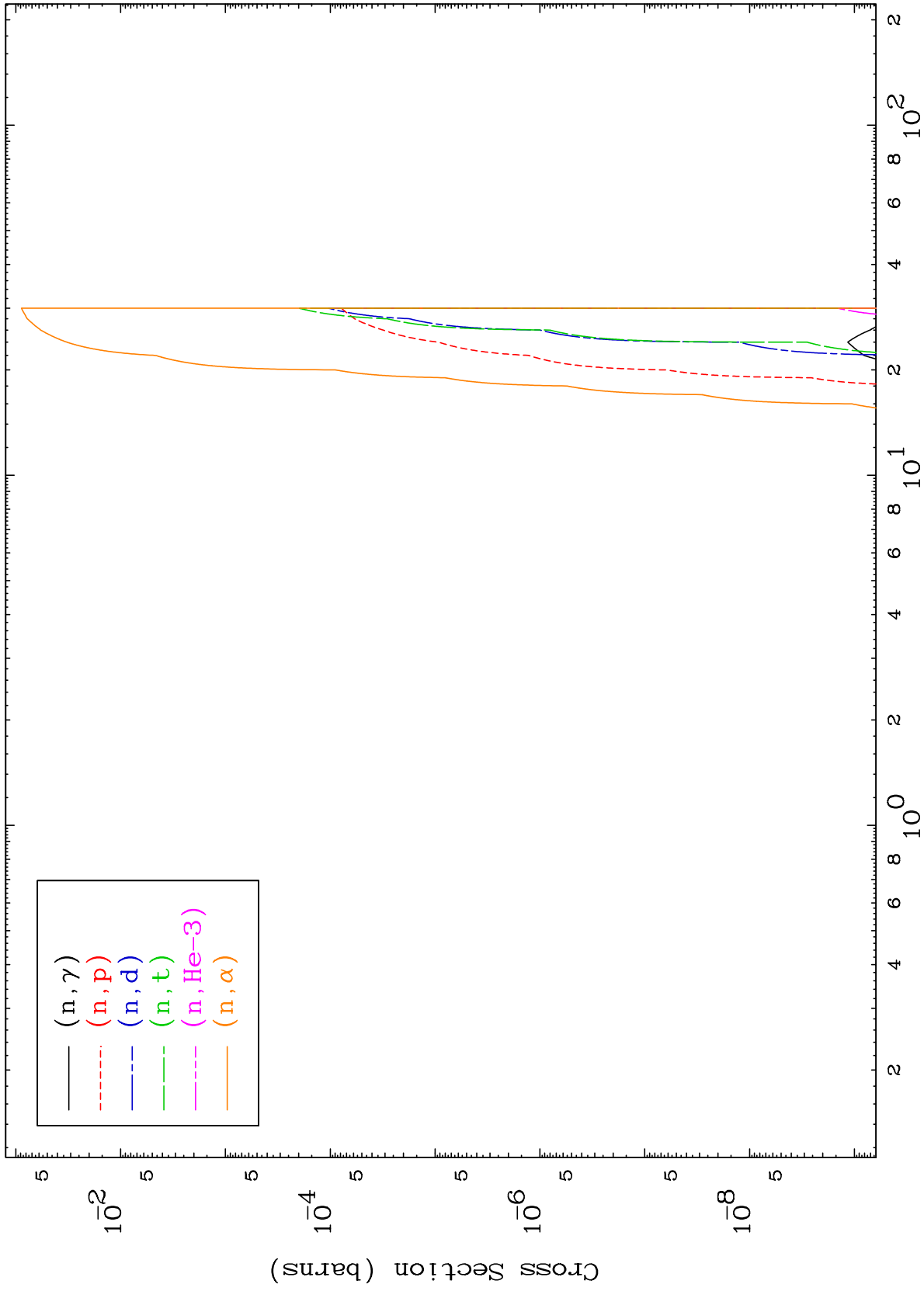




MAT 9340

α Neutron Absorption
0 Kelvin Cross Sections

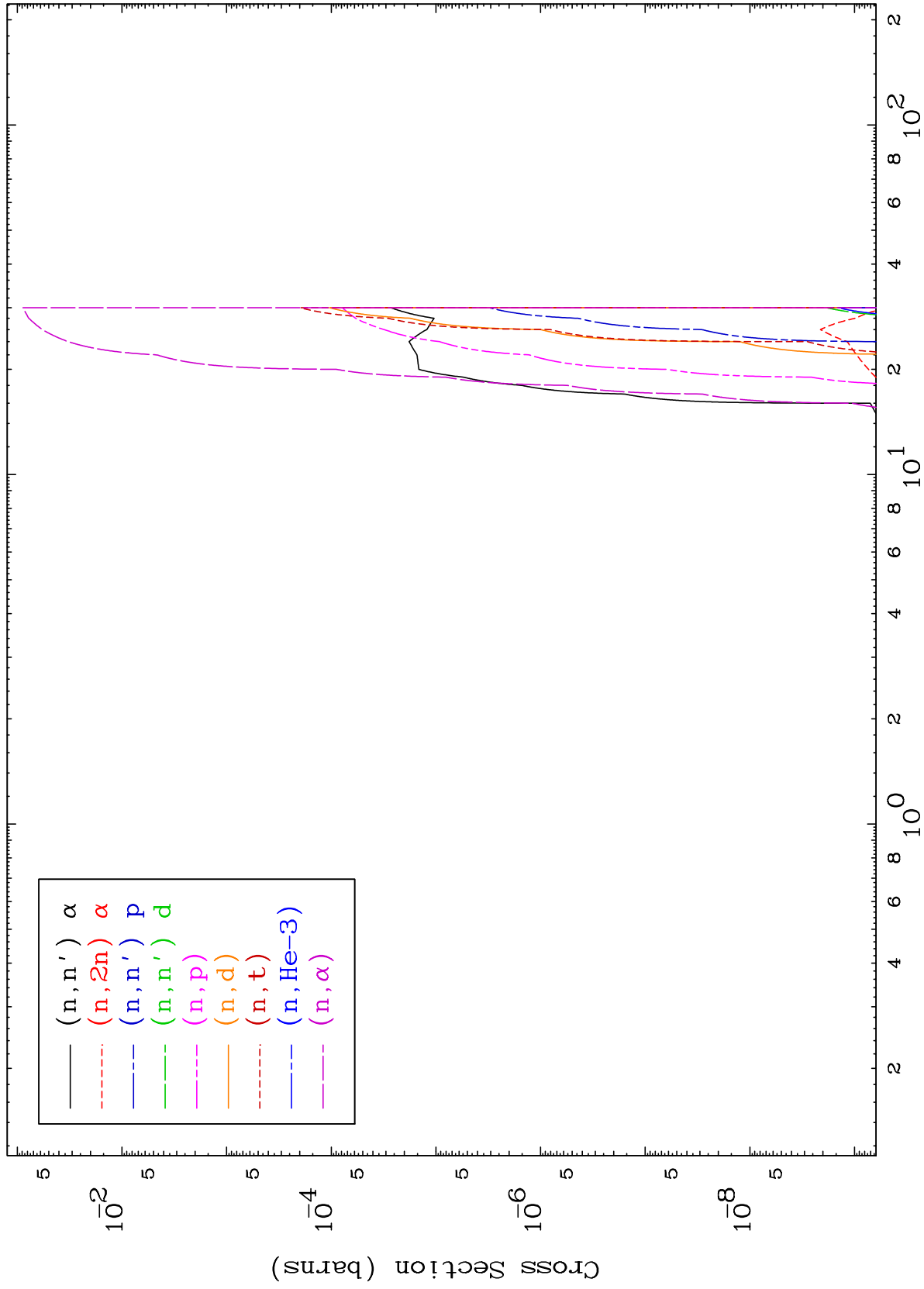
93-Np-235



3

Incident Energy (MeV)

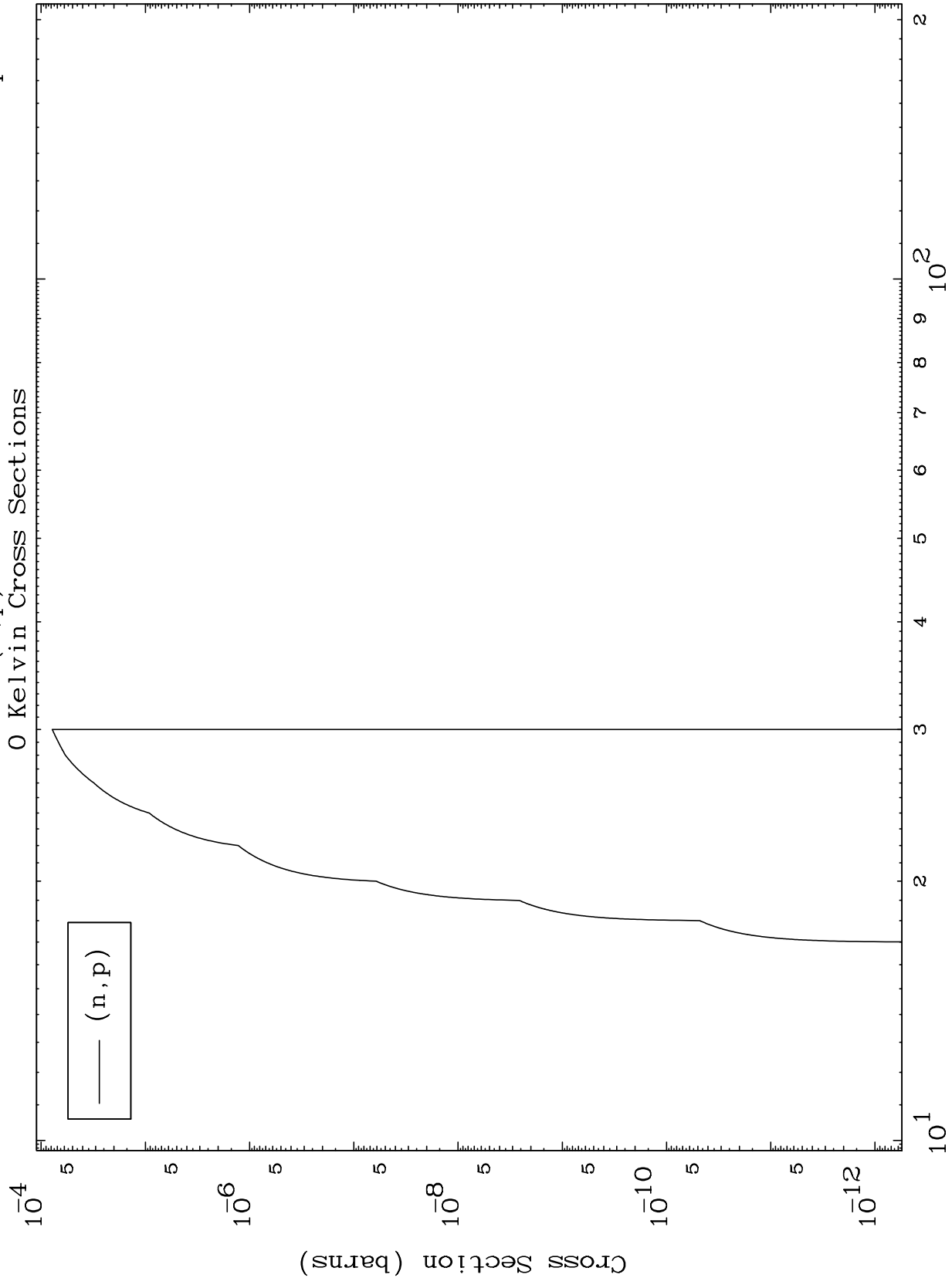
93-Np-235



MAT 9340

(α, p) Levels
0 Kelvin Cross Sections

93-Np-235



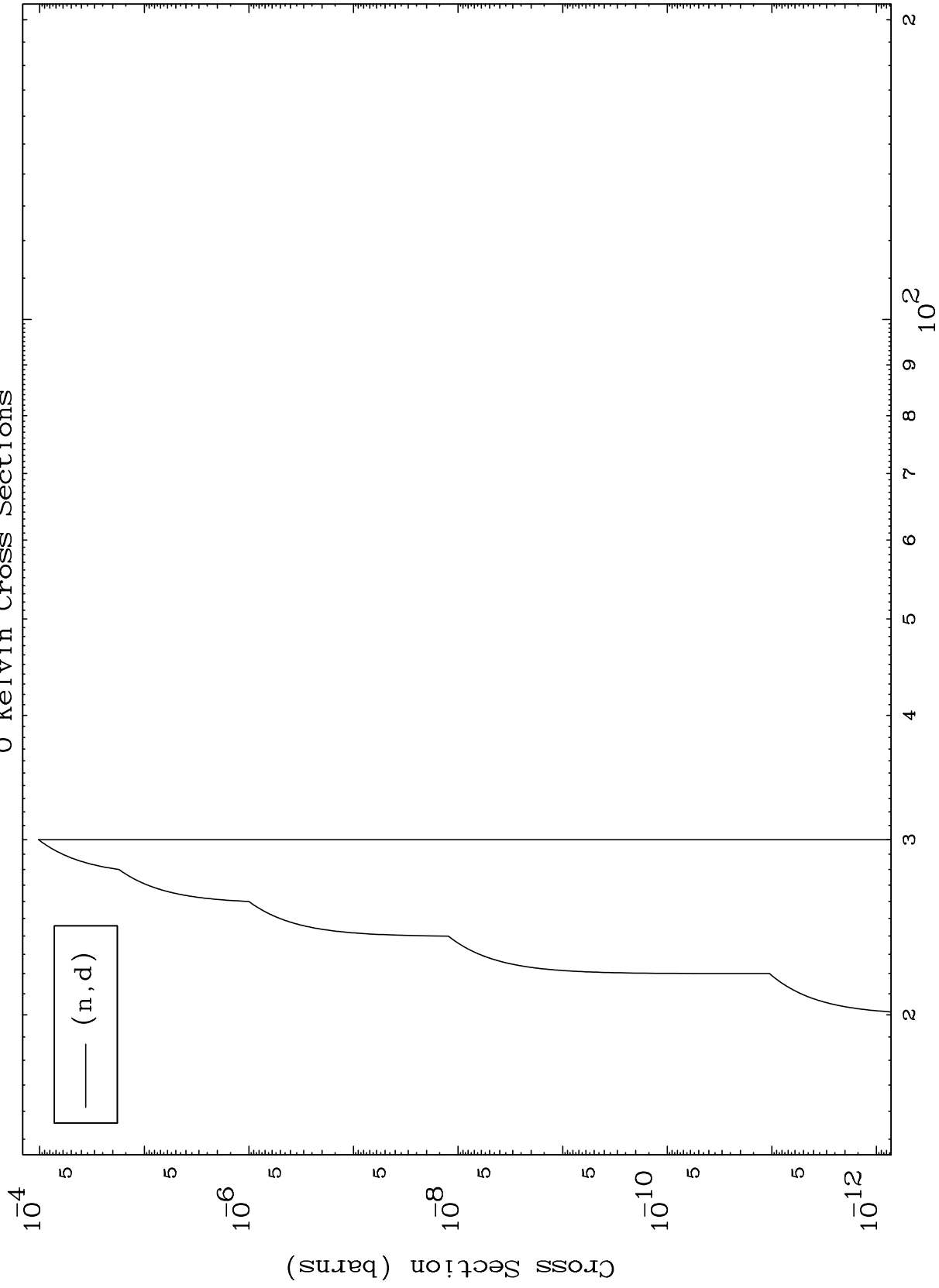
Incident Energy (MeV)

93-Np-235

MAT 9340

(α, d) Levels
0 Kelvin Cross Sections

93-Np-235



6

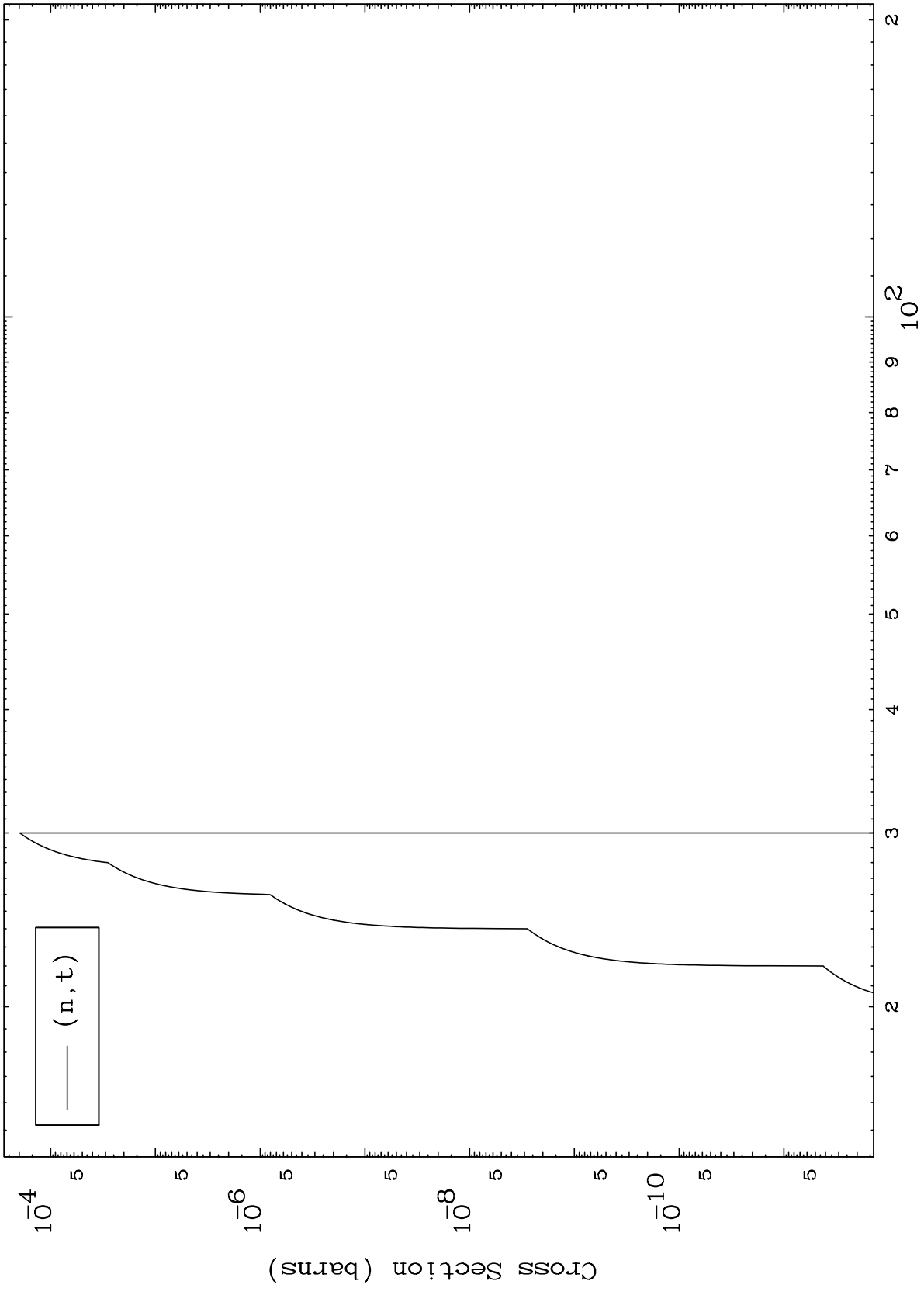
Incident Energy (MeV)

93-Np-235

MAT 9340

(α, t) Levels
0 Kelvin Cross Sections

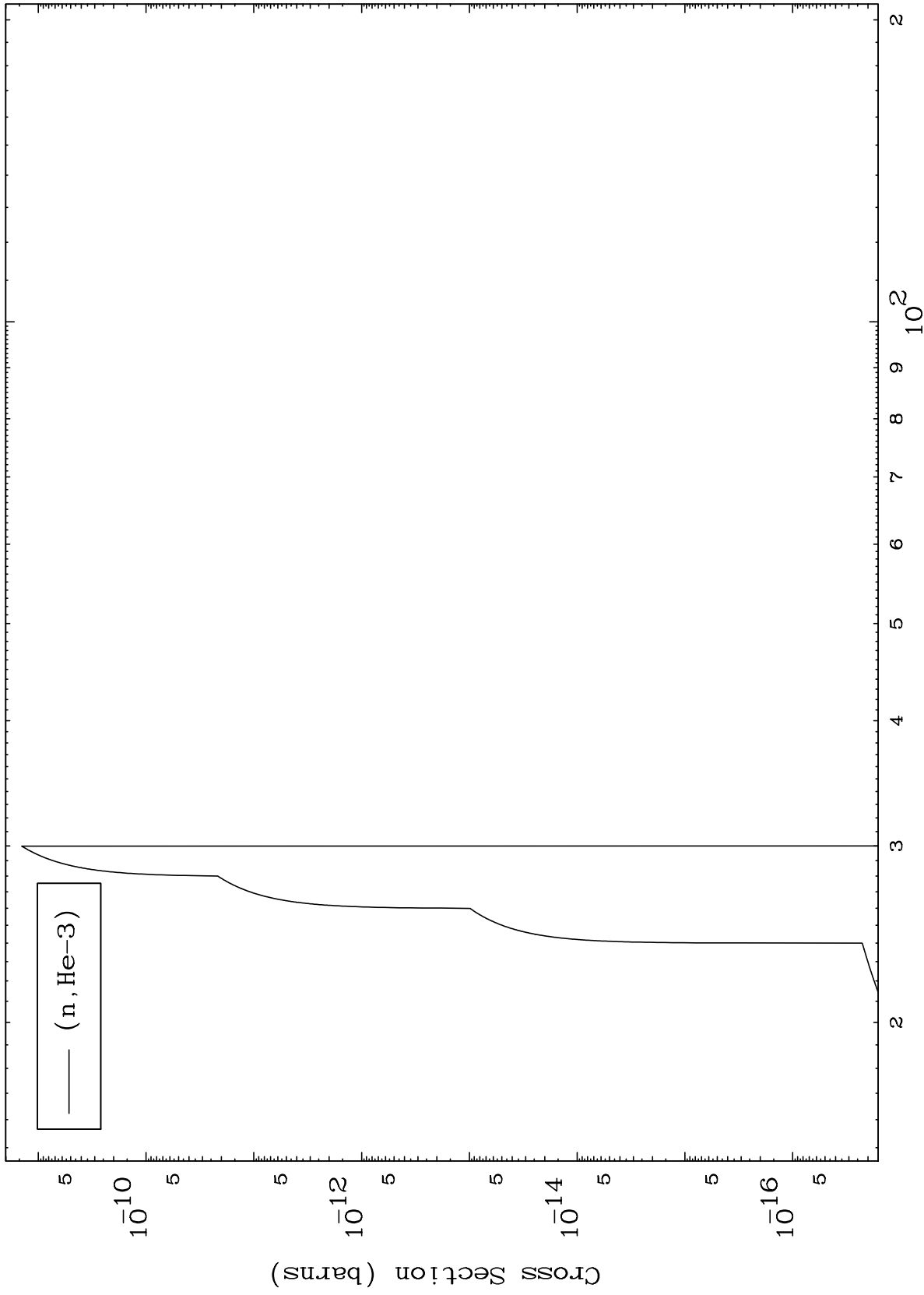
93-Np-235



7

Incident Energy (MeV)

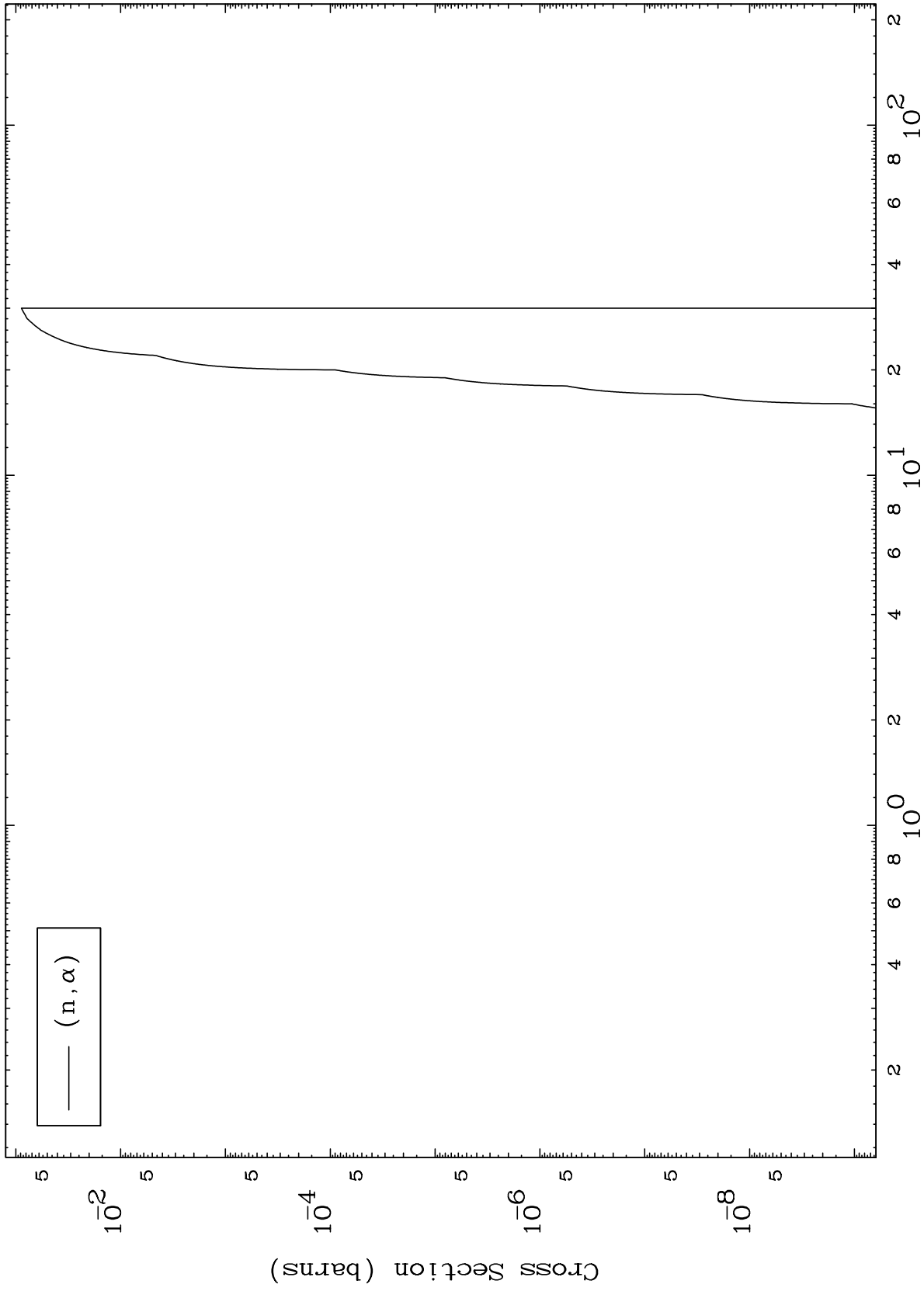
93-Np-235



MAT 9340

(α, α) Levels
0 Kelvin Cross Sections

93-Np-235



9

Incident Energy (MeV)

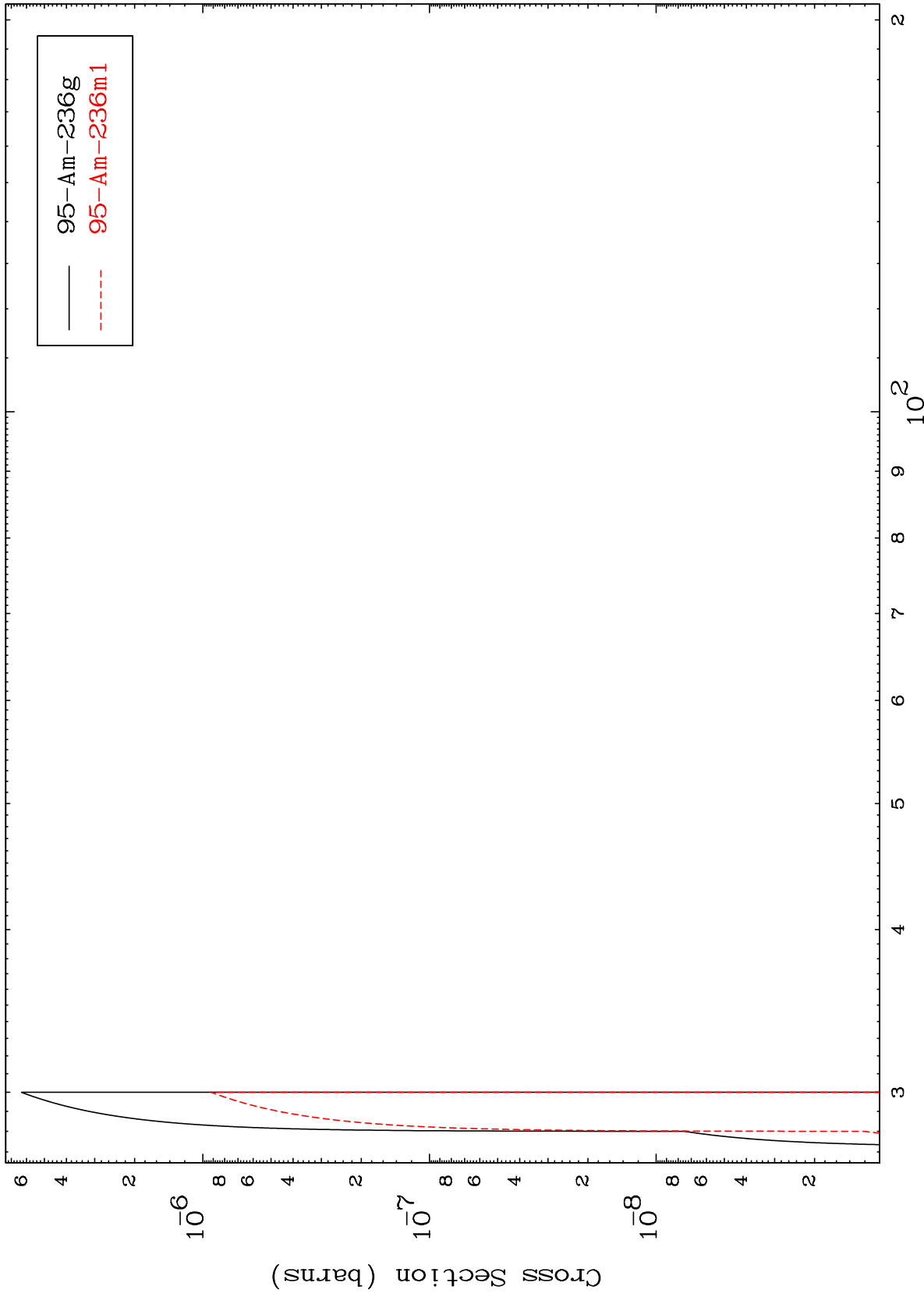
93-Np-235

MAT 9340

(n,3n)

93-Np-235

Radionuclide Production Cross Section



10

Incident Energy (MeV)

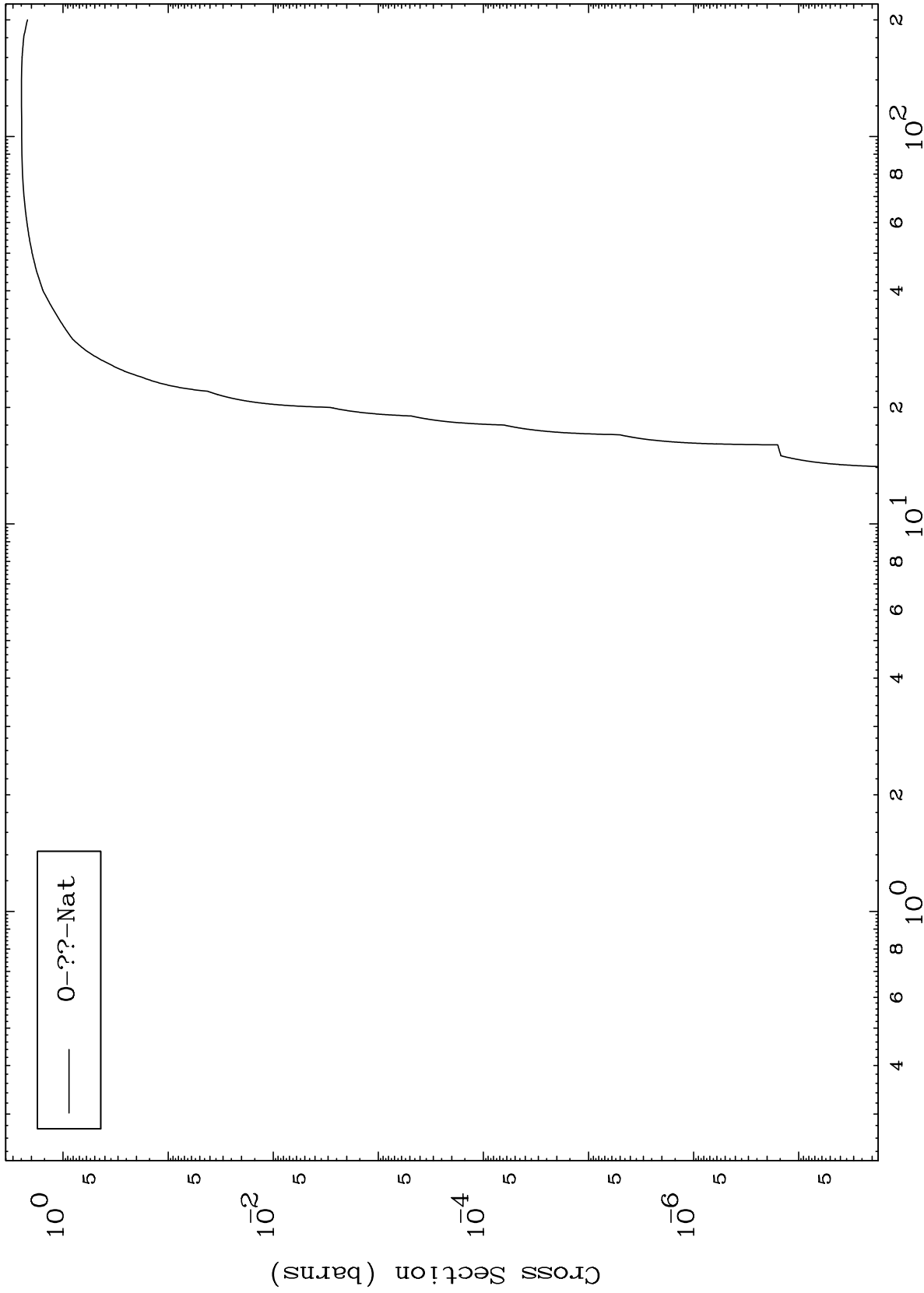
93-Np-235

MAT 9340

Fission

93-Np-235

Radionuclide Production Cross Section

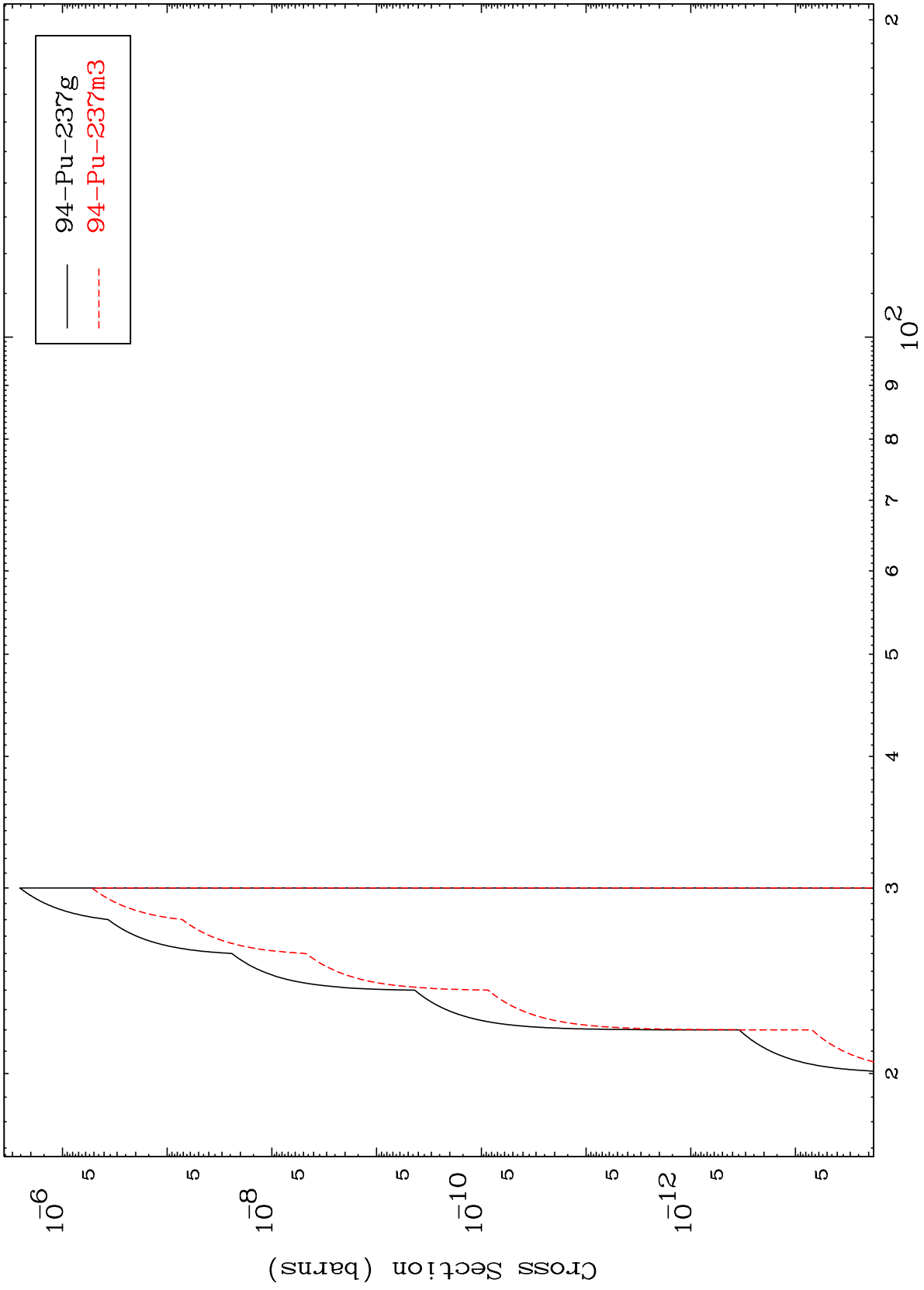


MAT 9340

(n,n') p

93-Np-235

Radionuclide Production Cross Section



12

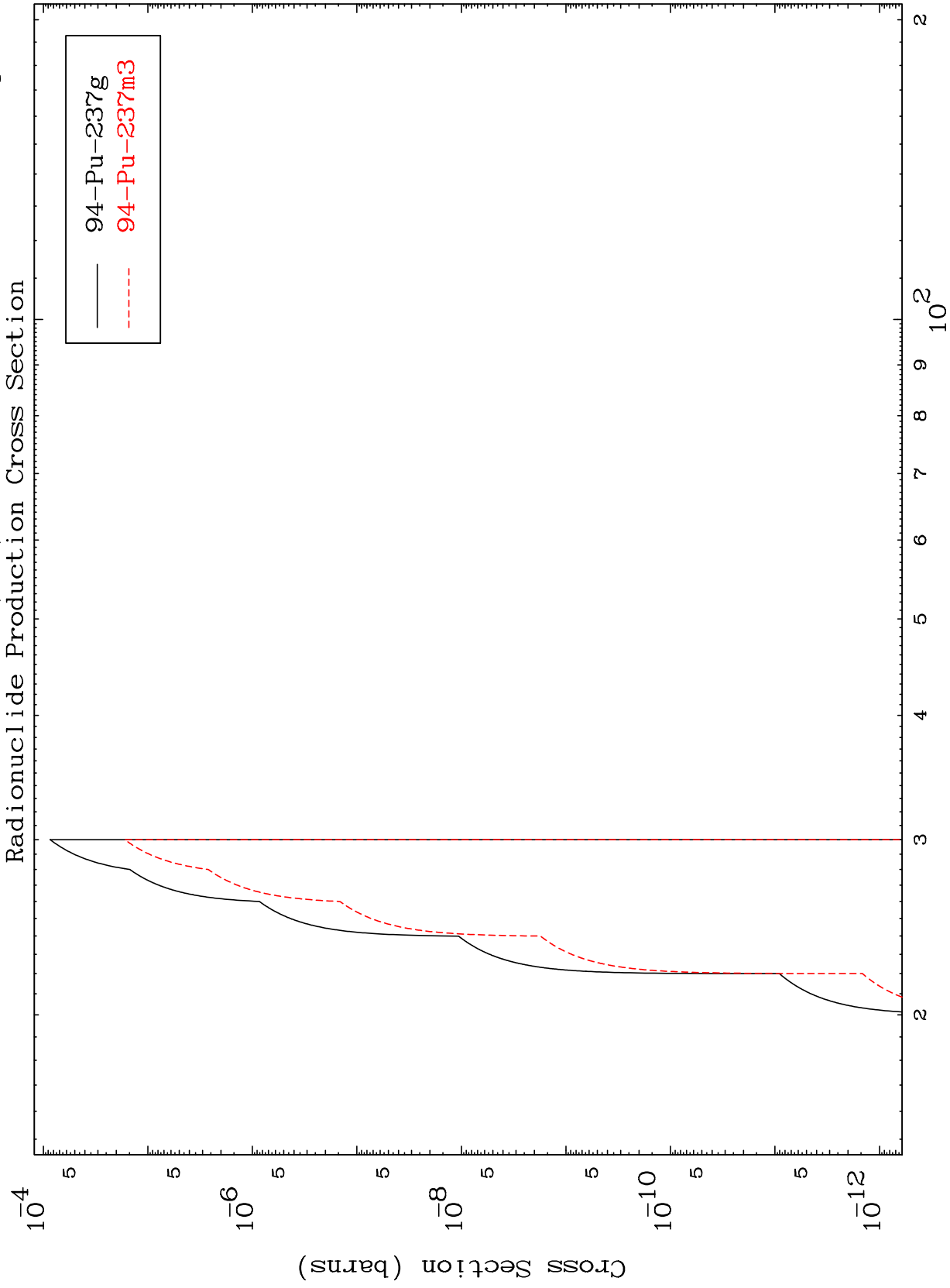
Incident Energy (MeV)

93-Np-235

MAT 9340

(n,d)

93-Np-235



13

93-Np-235

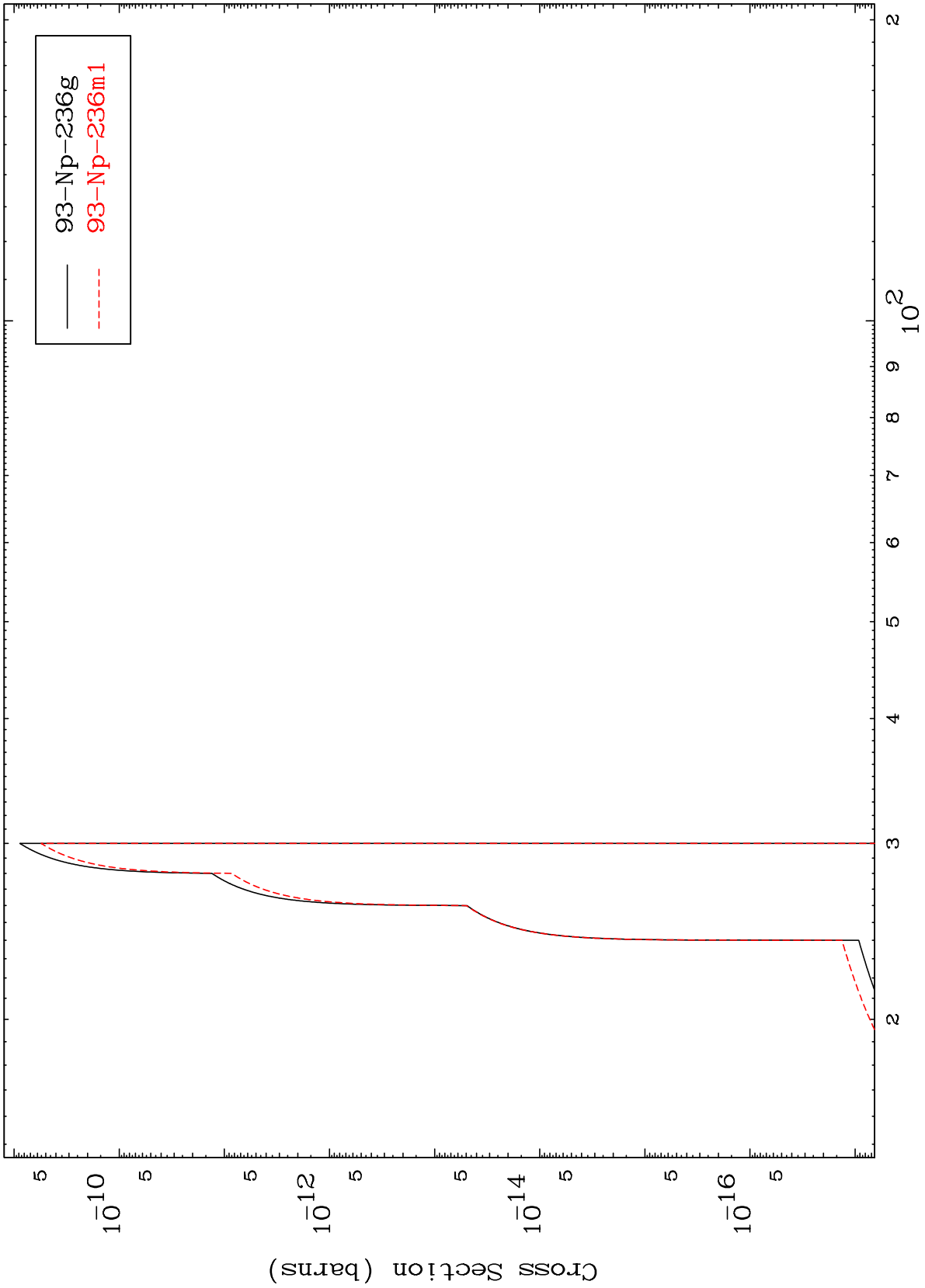
93-Np-235

MAT 9340

(n, He-3)

93-Np-235

Radionuclide Production Cross Section



14

Incident Energy (MeV)

93-Np-235