

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

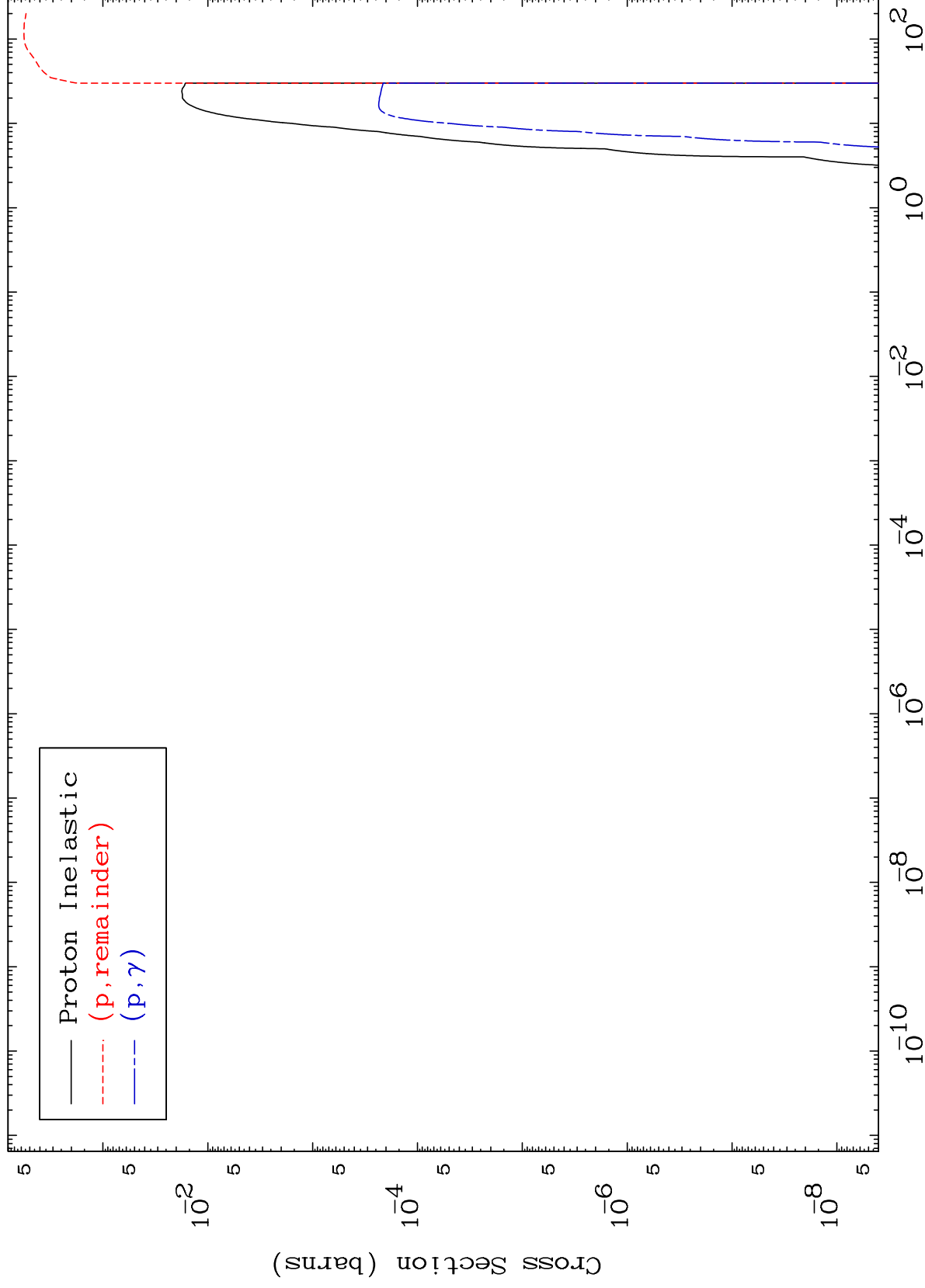
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9346

Proton Major
0 Kelvin Cross Sections

93-Np-237



1

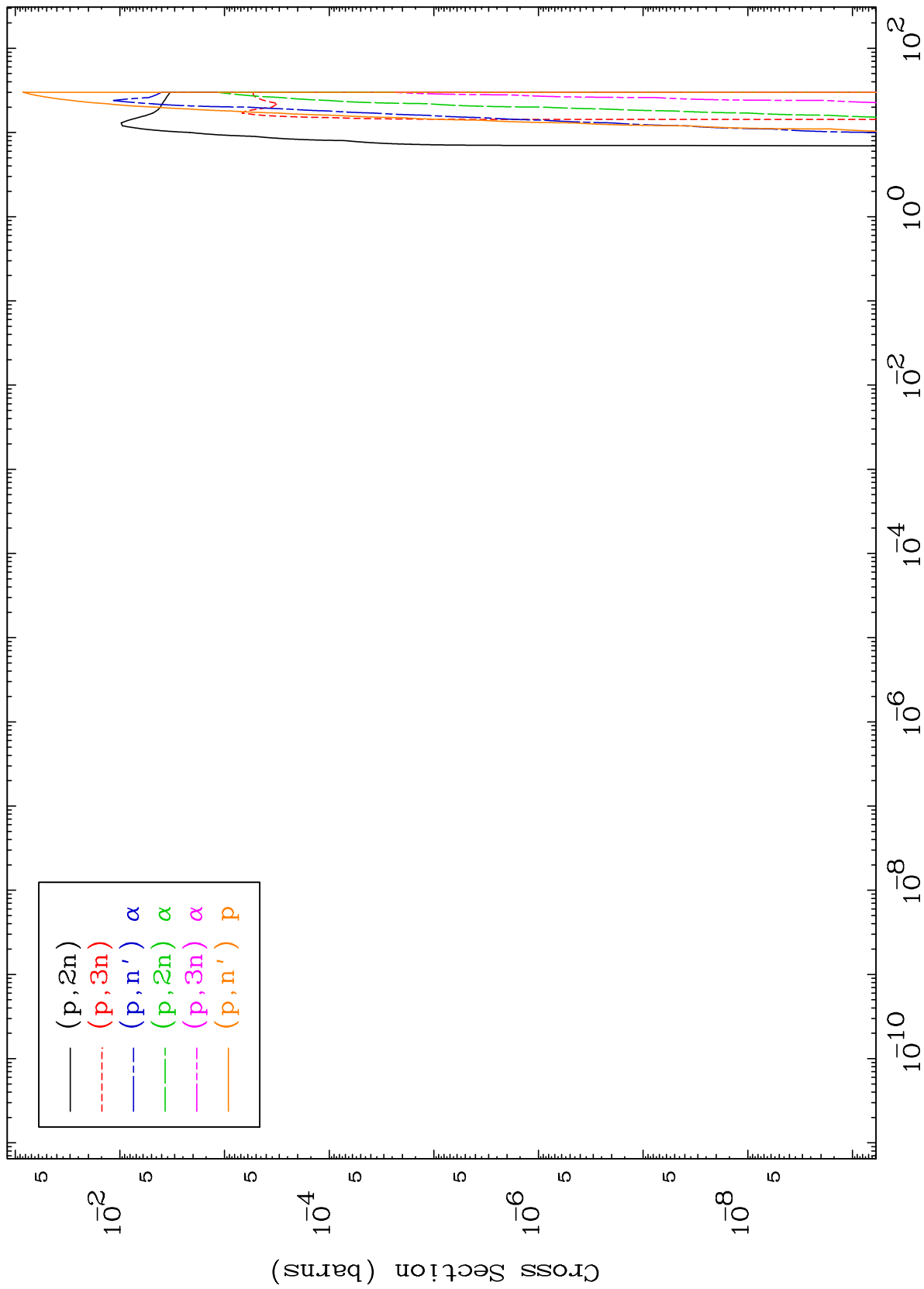
Incident Energy (MeV)

93-Np-237

MAT 9346

Proton Neutron Production
0 Kelvin Cross Sections

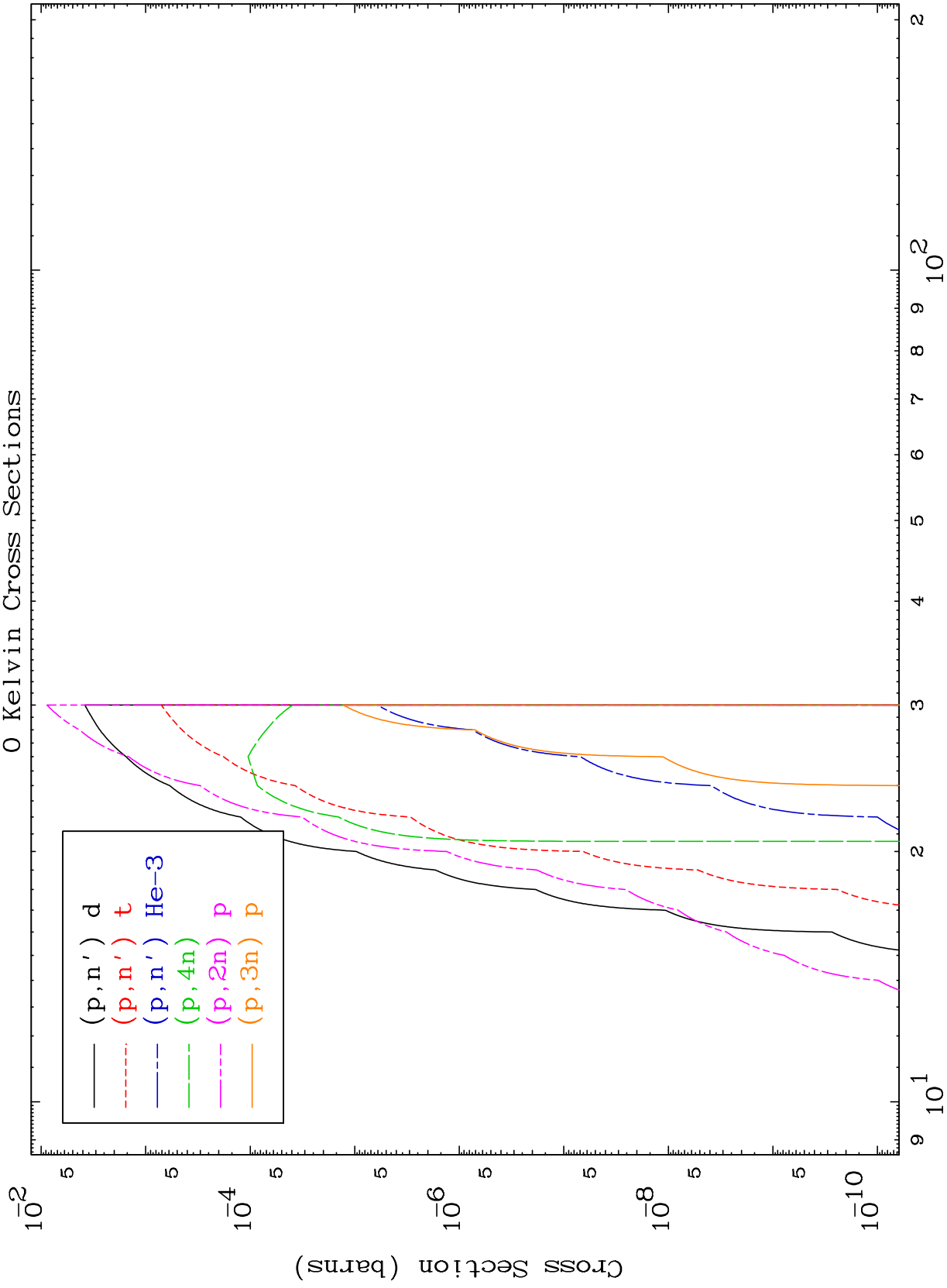
93-Np-237



2

Incident Energy (MeV)

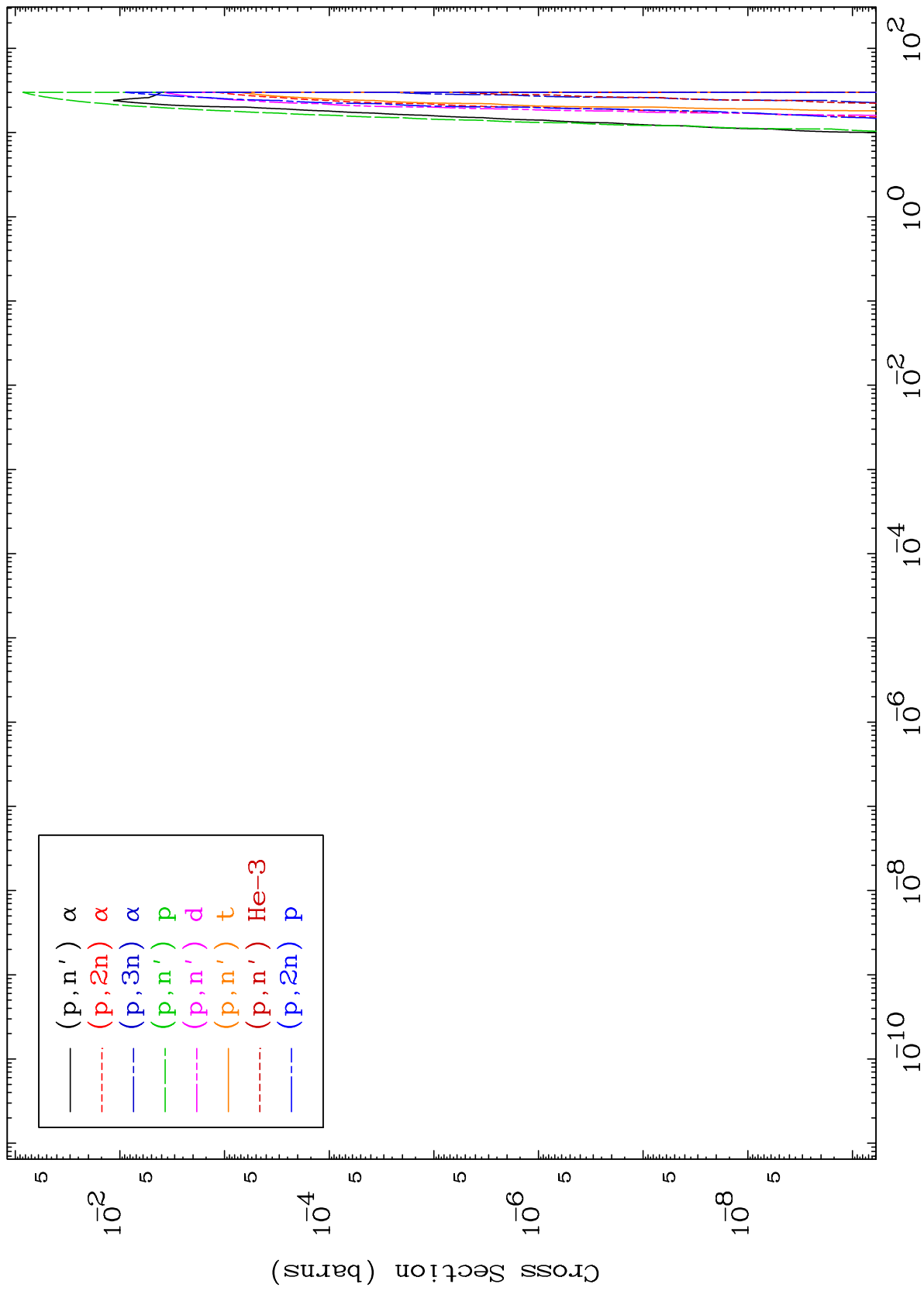
93-Np-237



MAT 9346

Proton Charged Particle
0 Kelvin Cross Sections

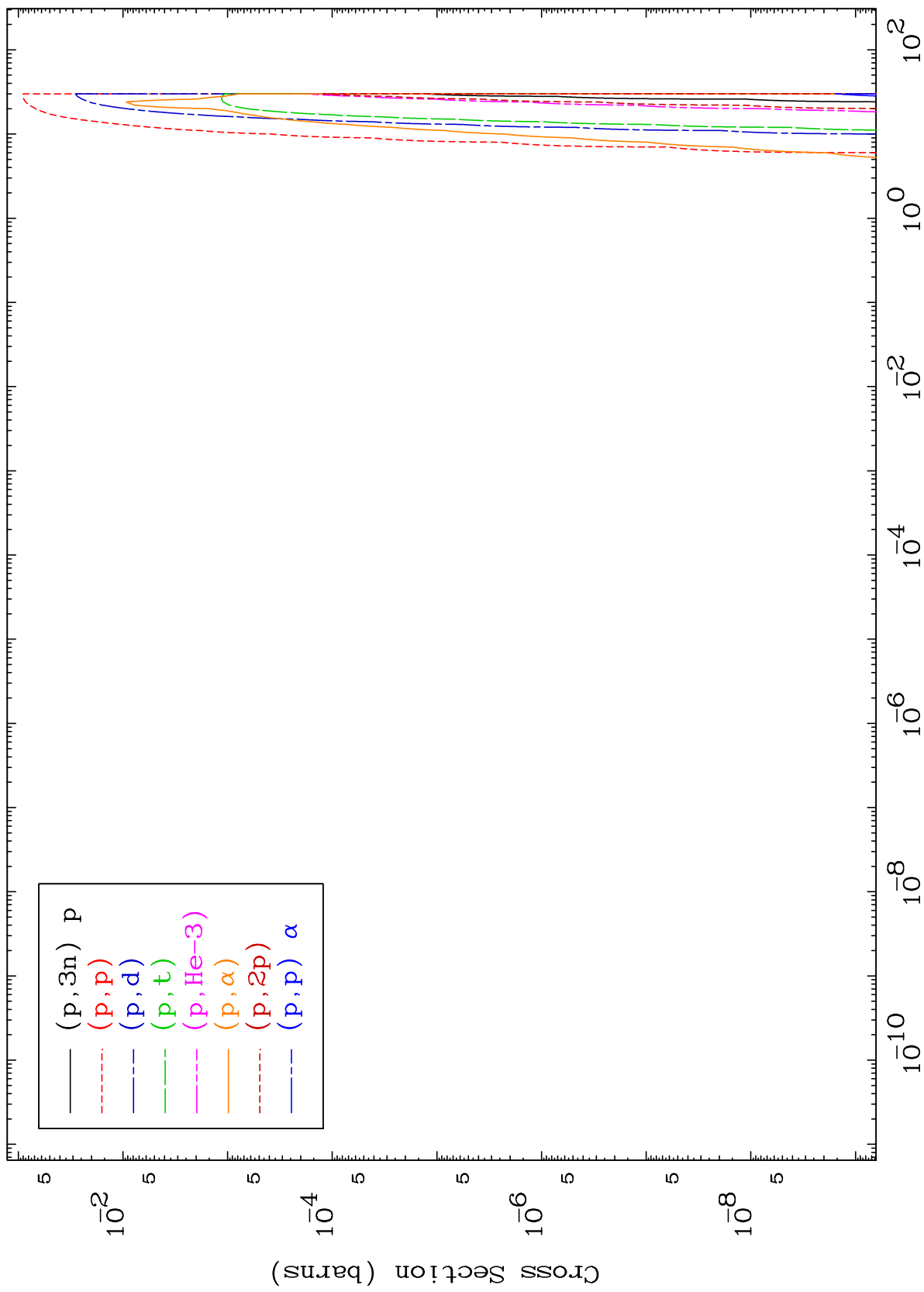
93-Np-237



MAT 9346

Proton Charged Particle
0 Kelvin Cross Sections

93-Np-237



5

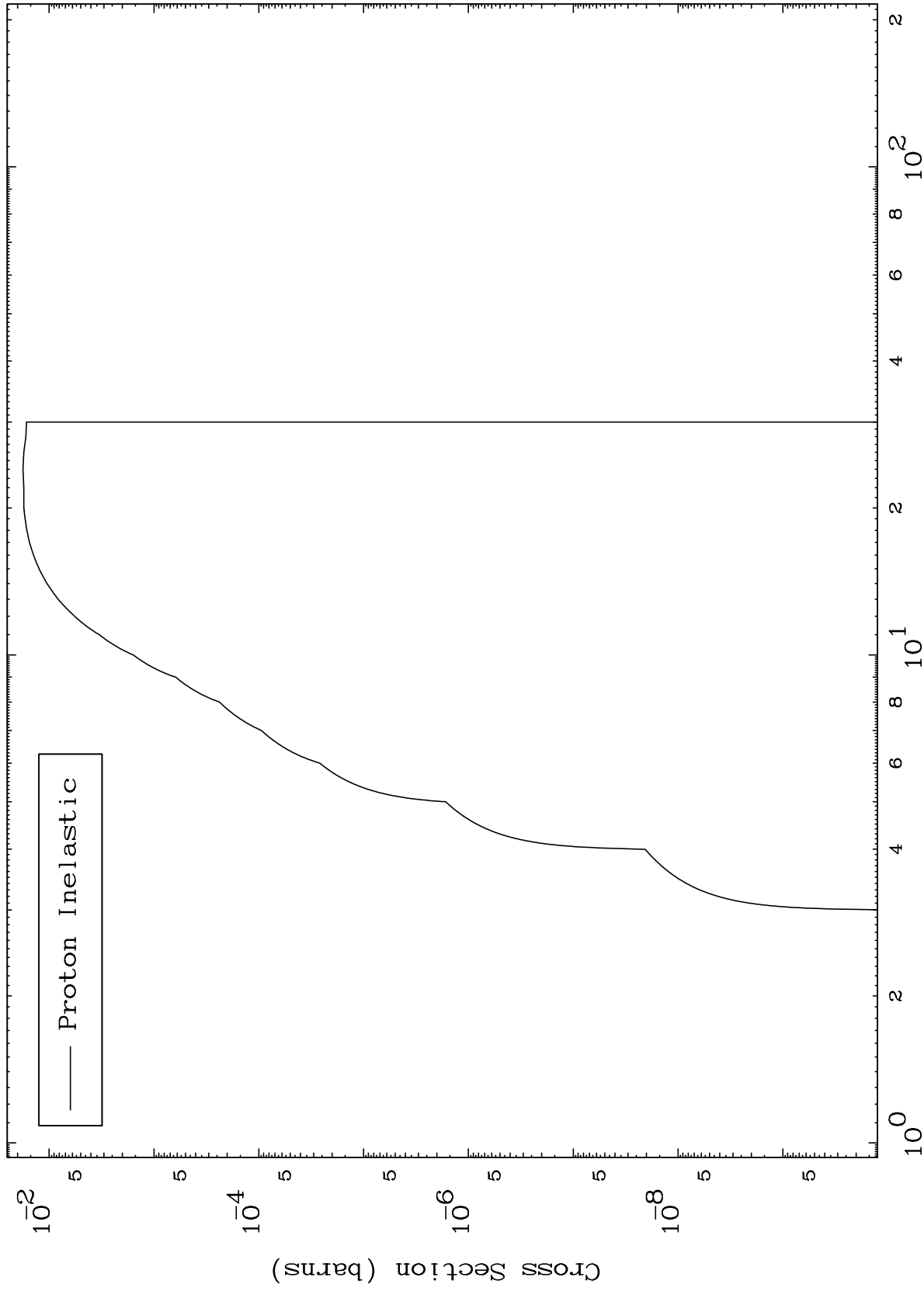
Incident Energy (MeV)

93-Np-237

MAT 9346

93-Np-237

(p,n') Level
0 Kelvin Cross Sections



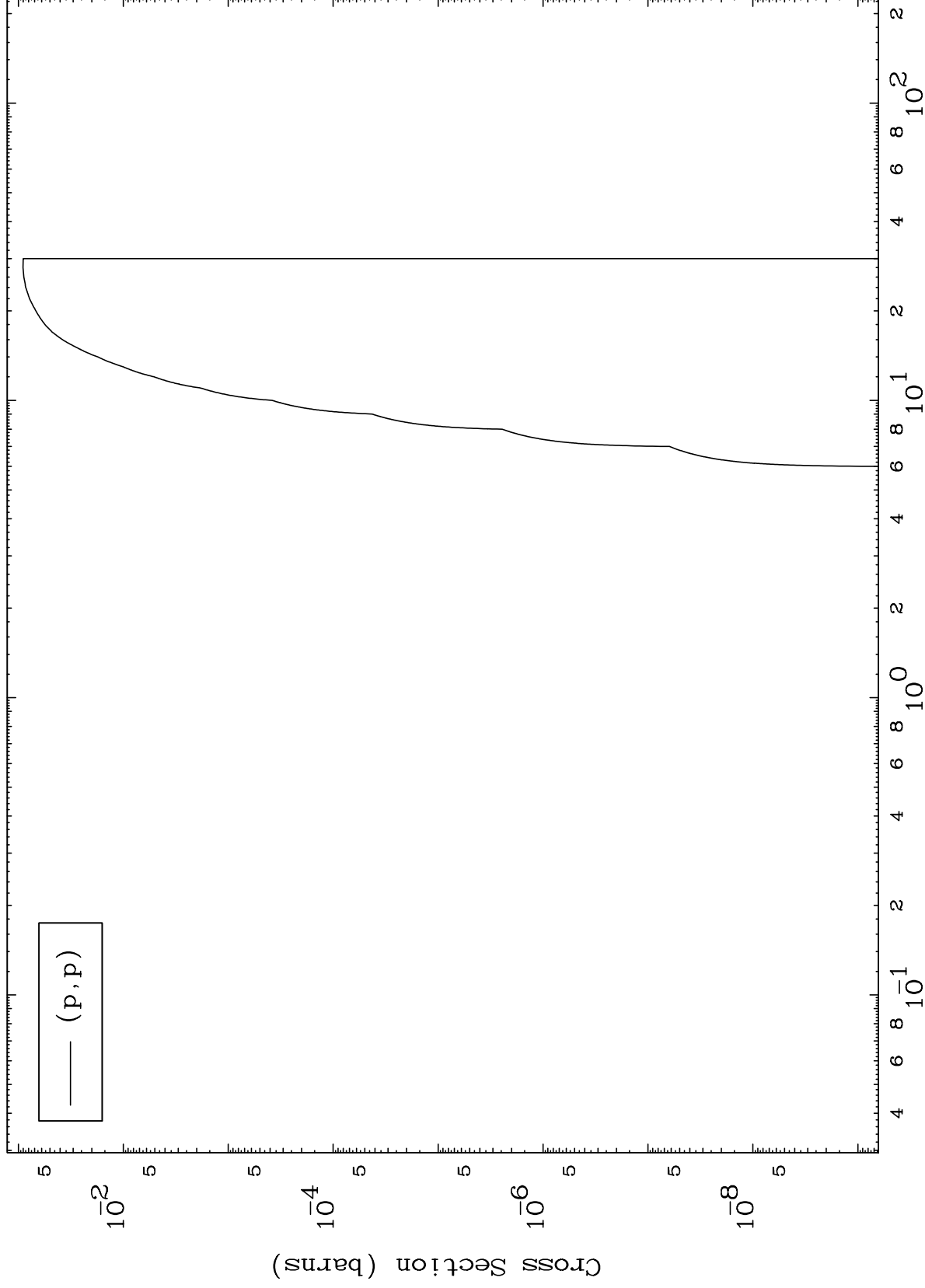
Incident Energy (MeV)

93-Np-237

MAT 9346

(p,p) Levels
0 Kelvin Cross Sections

93-Np-237



7

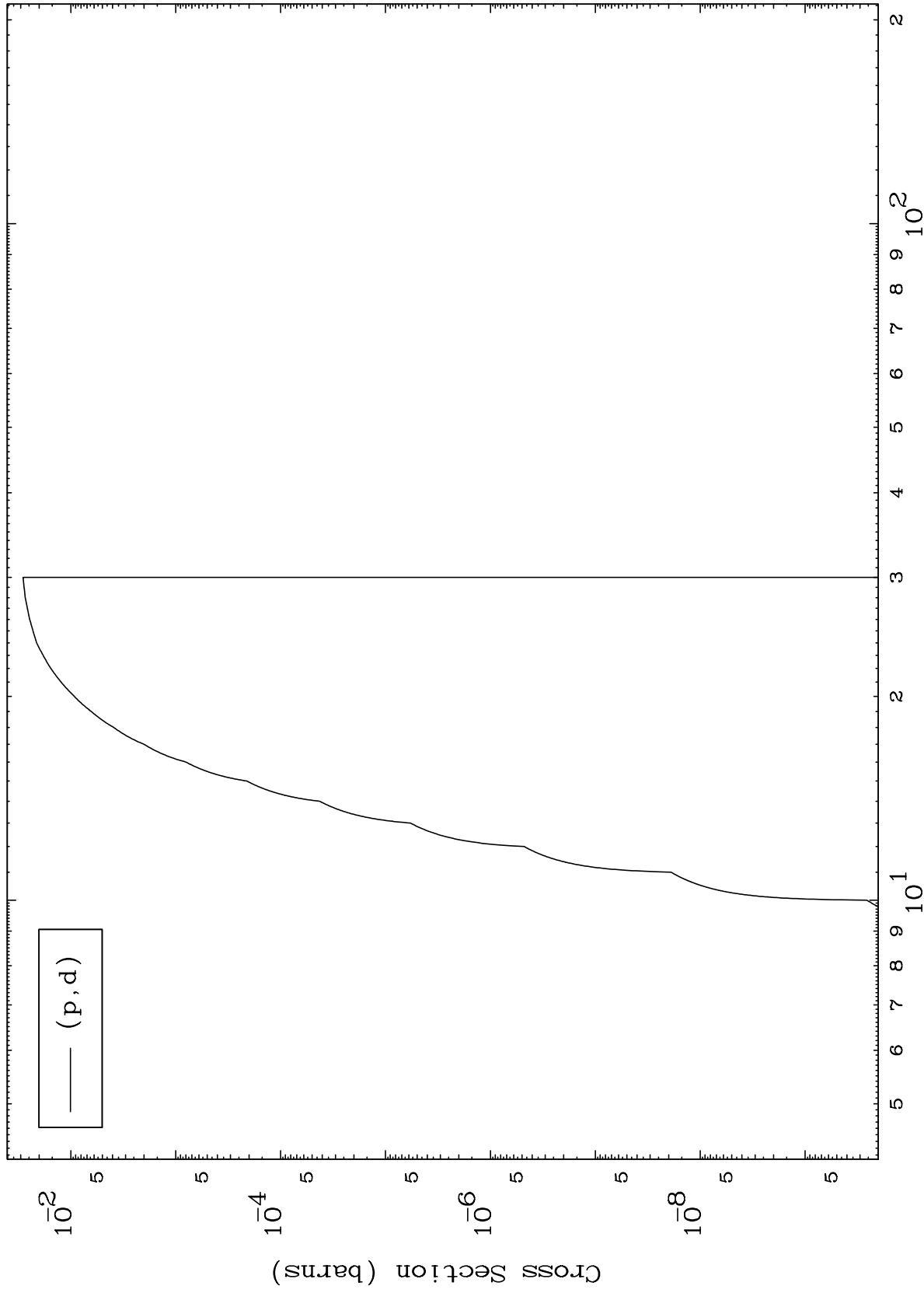
Incident Energy (MeV)

93-Np-237

MAT 9346

(p,d) Levels
0 Kelvin Cross Sections

93-Np-237



8

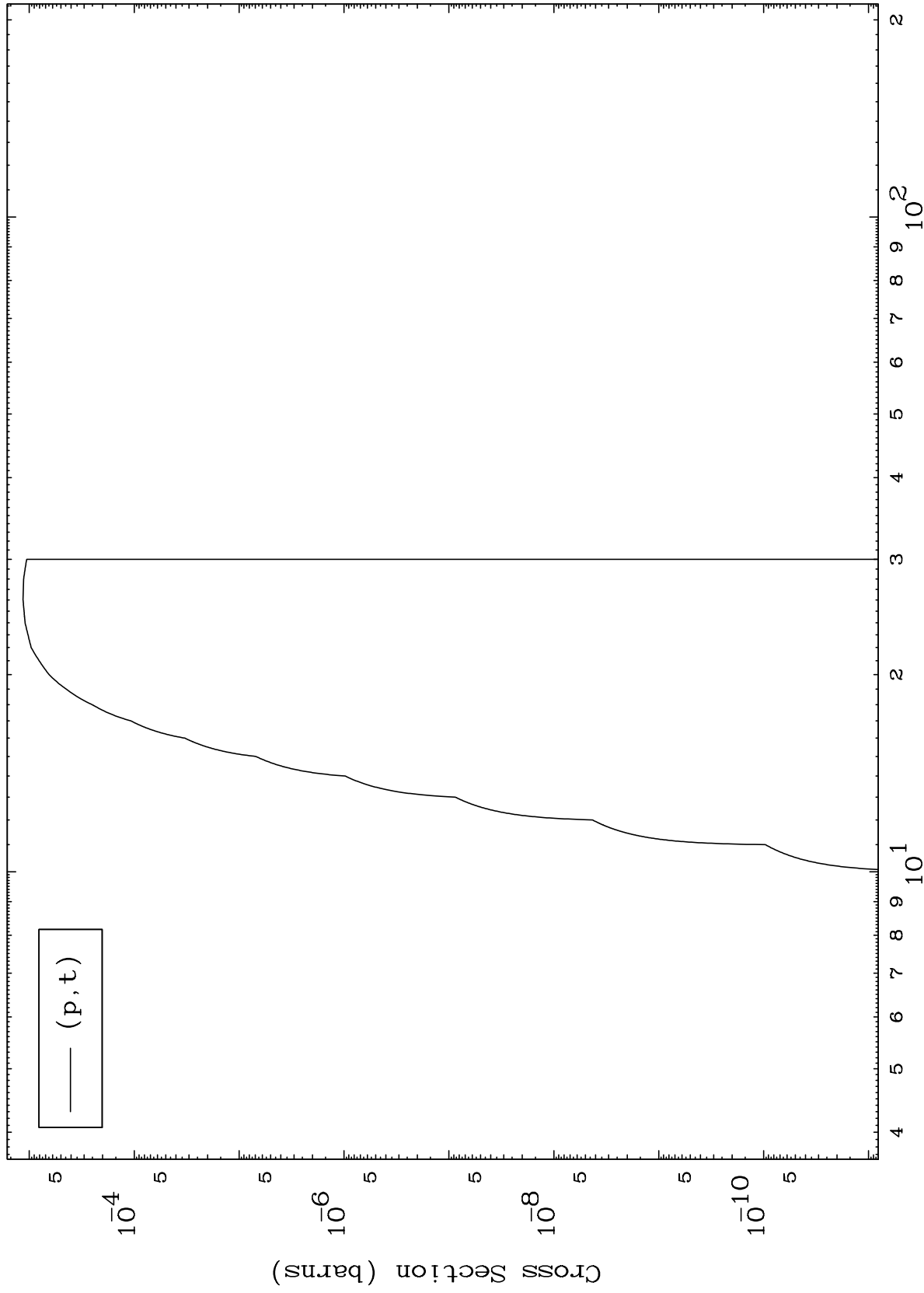
Incident Energy (MeV)

93-Np-237

MAT 9346

(p,t) Levels
0 Kelvin Cross Sections

93-Np-237



9

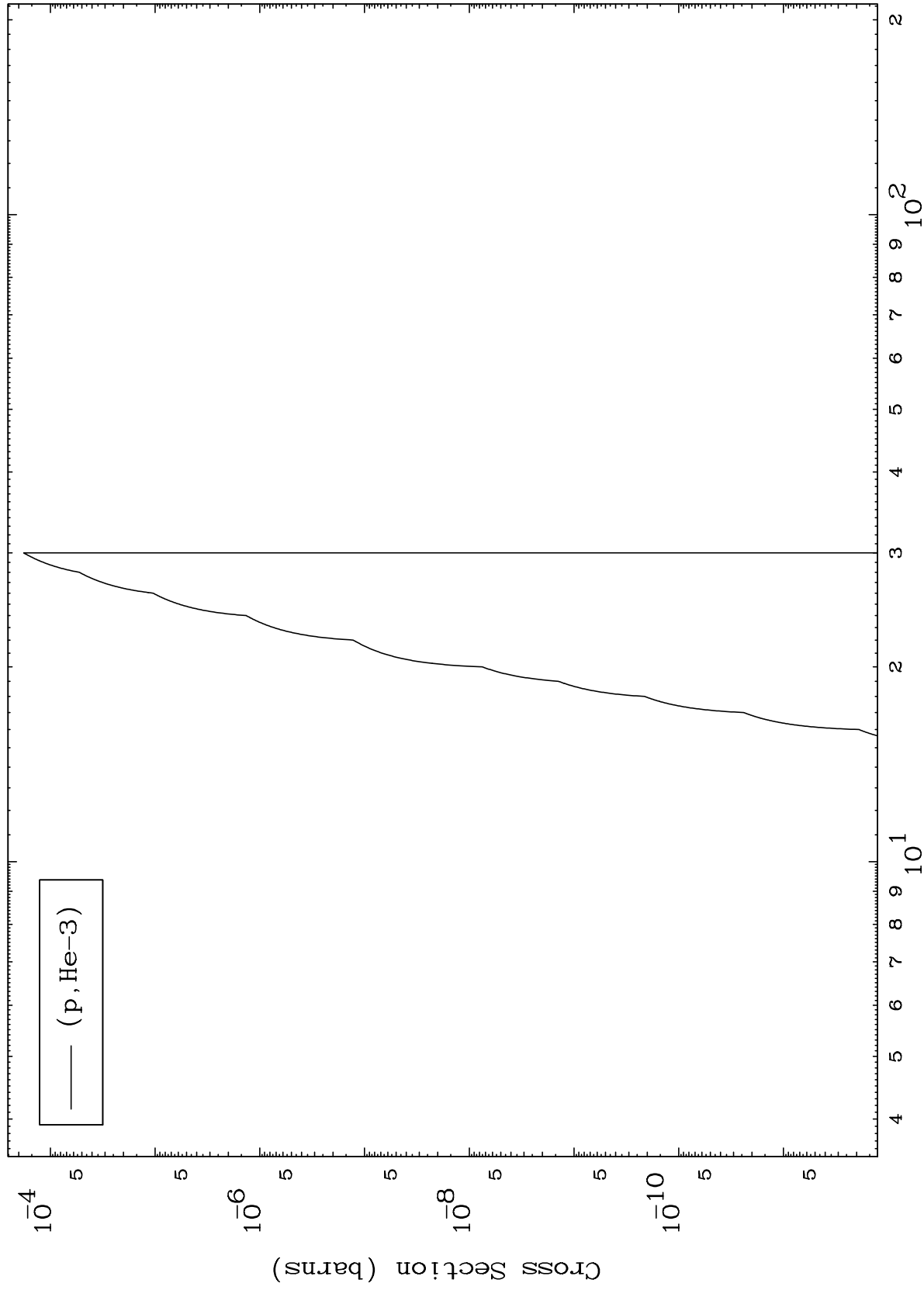
Incident Energy (MeV)

93-Np-237

MAT 9346

(p,He3) Levels
0 Kelvin Cross Sections

93-Np-237



10

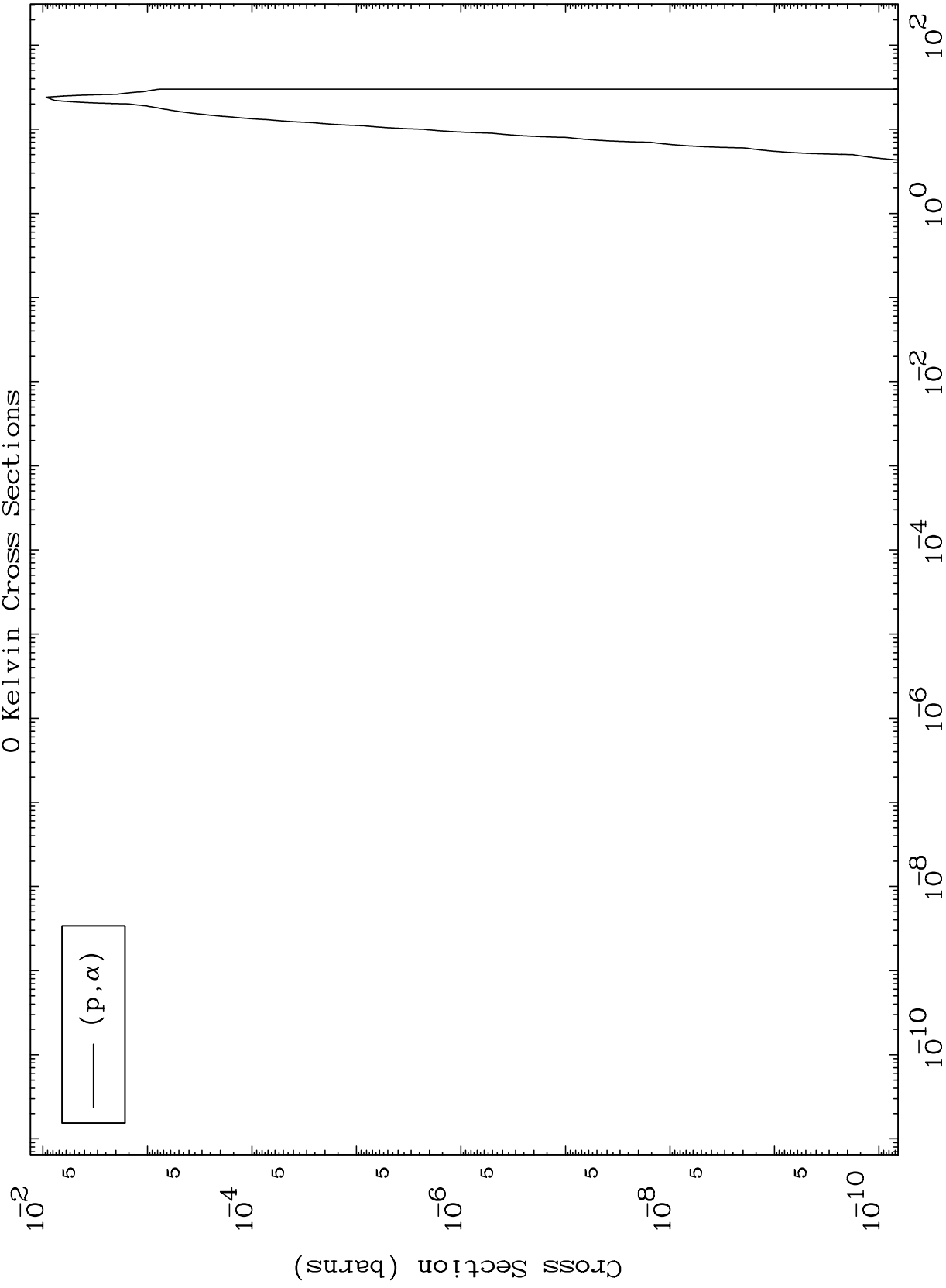
Incident Energy (MeV)

93-Np-237

MAT 9346

(p, α) Levels
0 Kelvin Cross Sections

93-Np-237



11

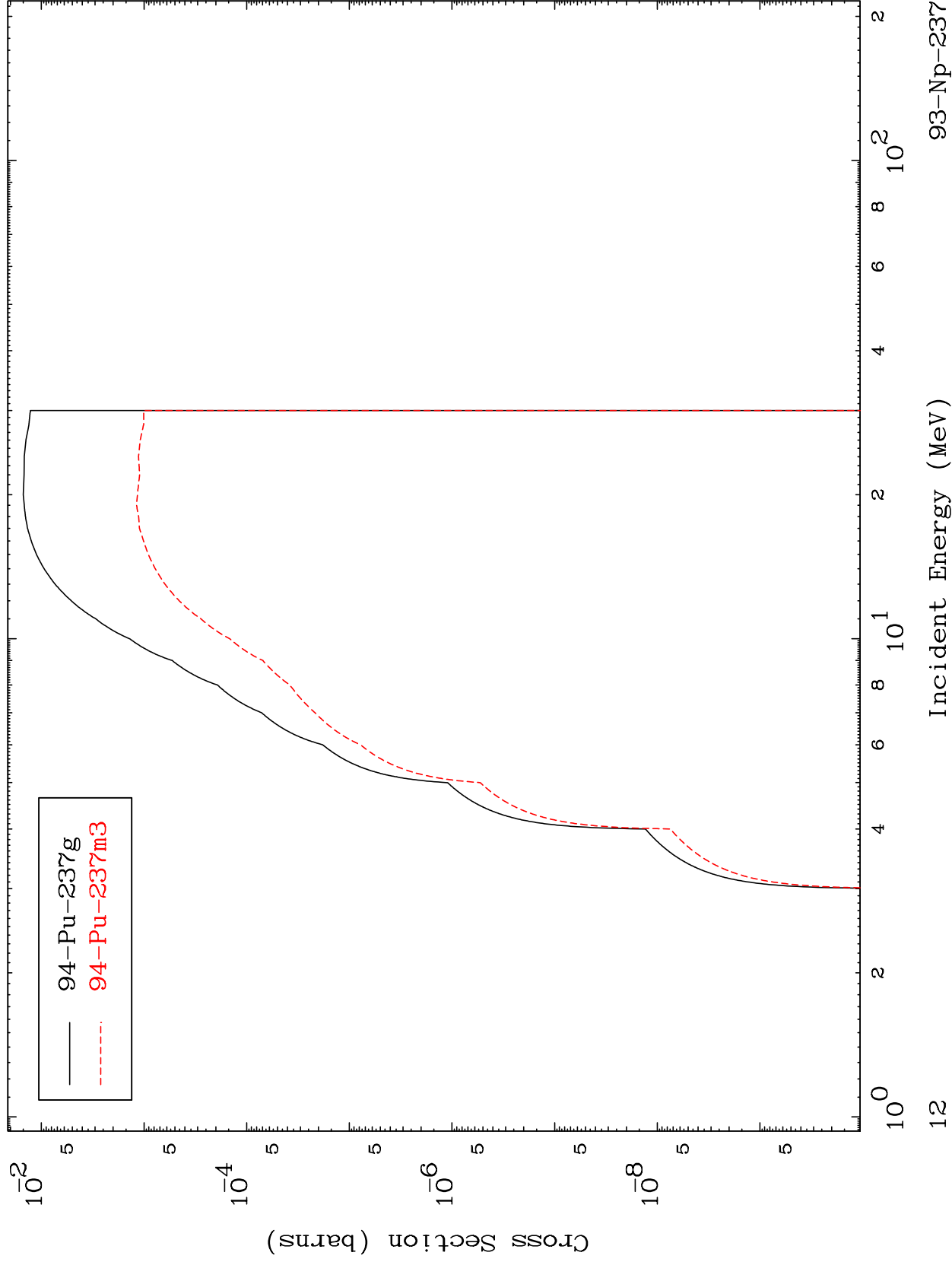
Incident Energy (MeV)

93-Np-237

MAT 9346

Proton Inelastic
Radionuclide Production Cross Section

93-Np-237



Incident Energy (MeV)

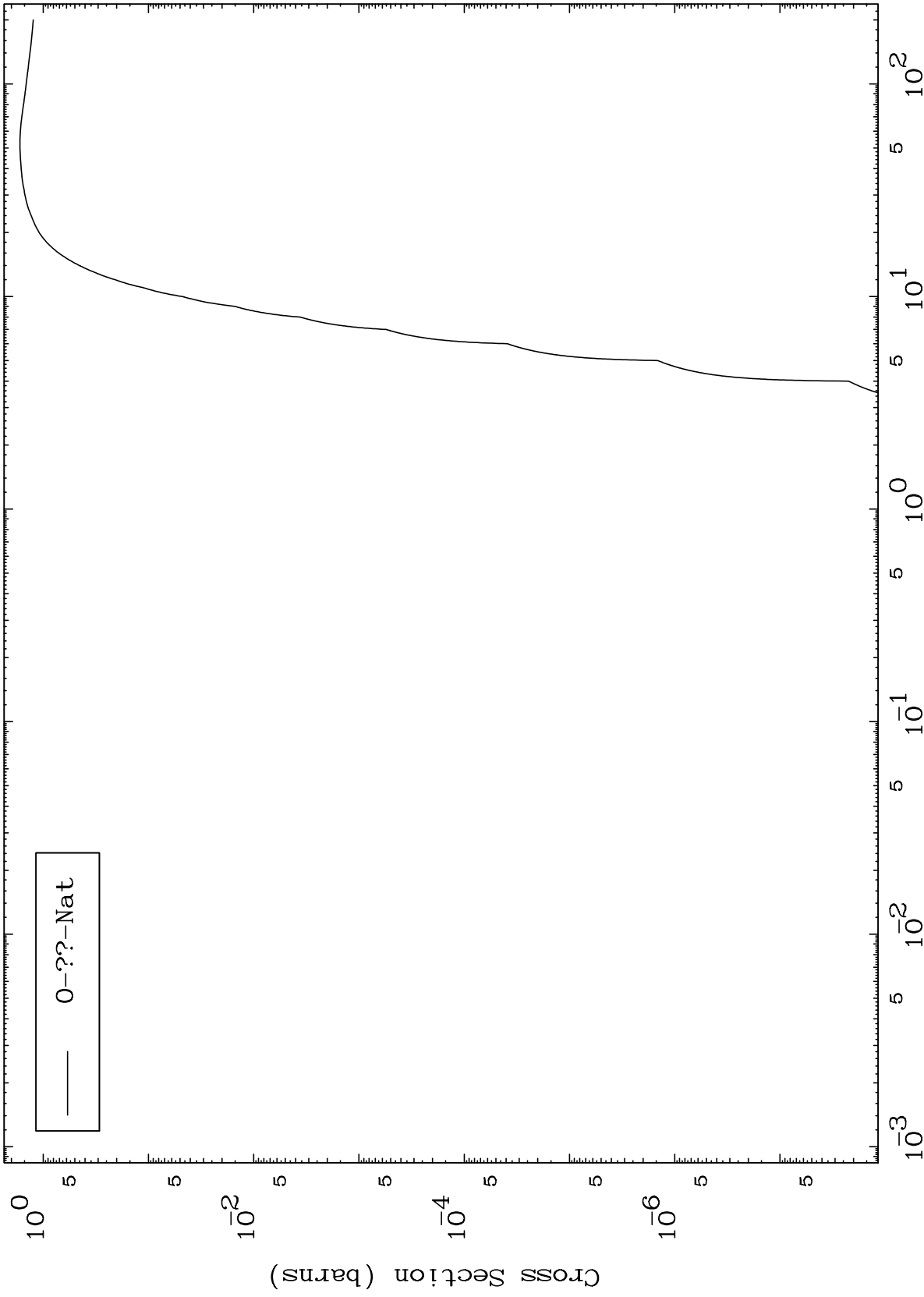
93-Np-237

MAT 9346

Proton Fission

93-Np-237

Radionuclide Production Cross Section



0-?-Nat

Incident Energy (MeV)

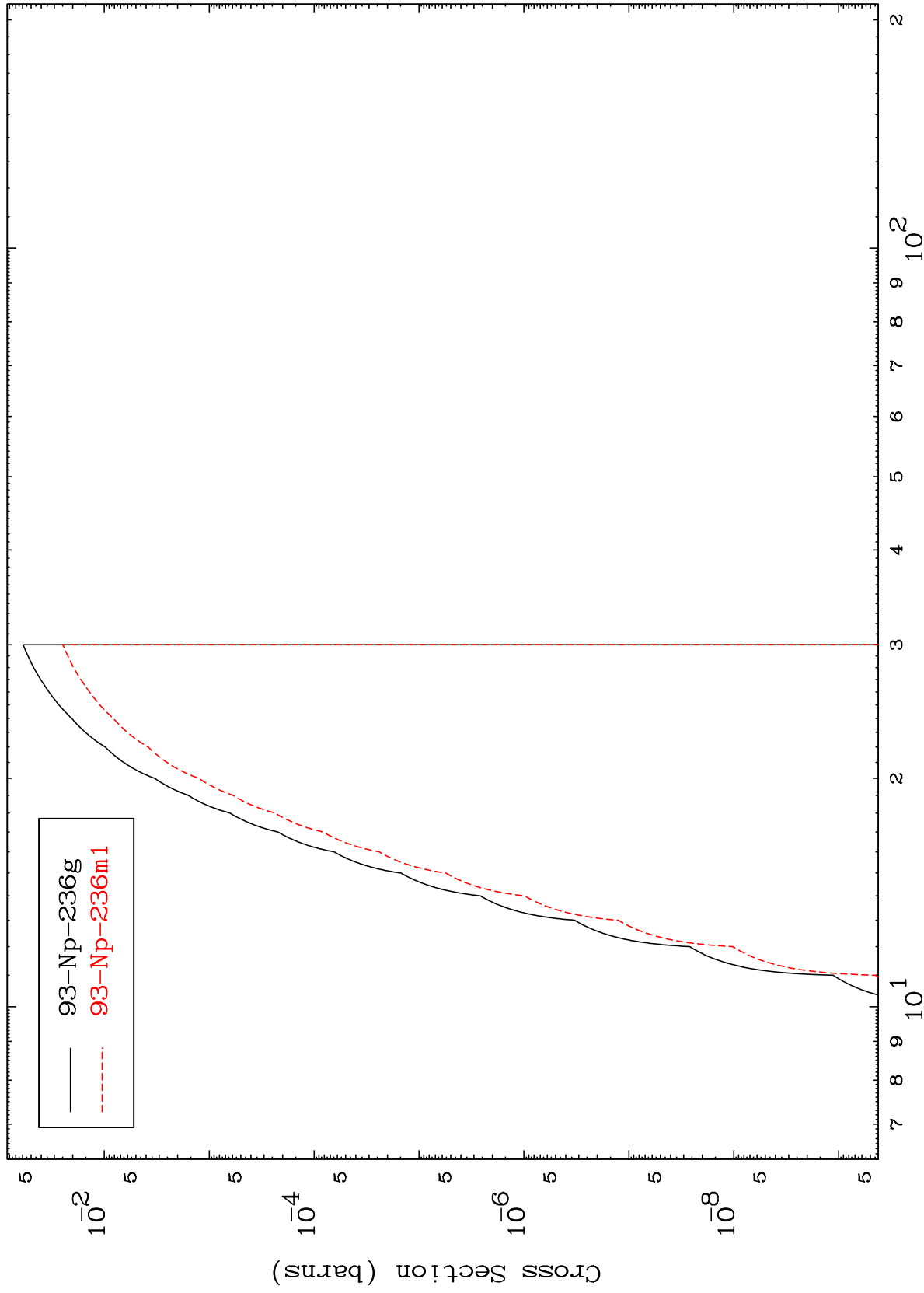
93-Np-237

MAT 9346

(p,n') p

⁹³Np-237

Radionuclide Production Cross Section



14

Incident Energy (MeV)

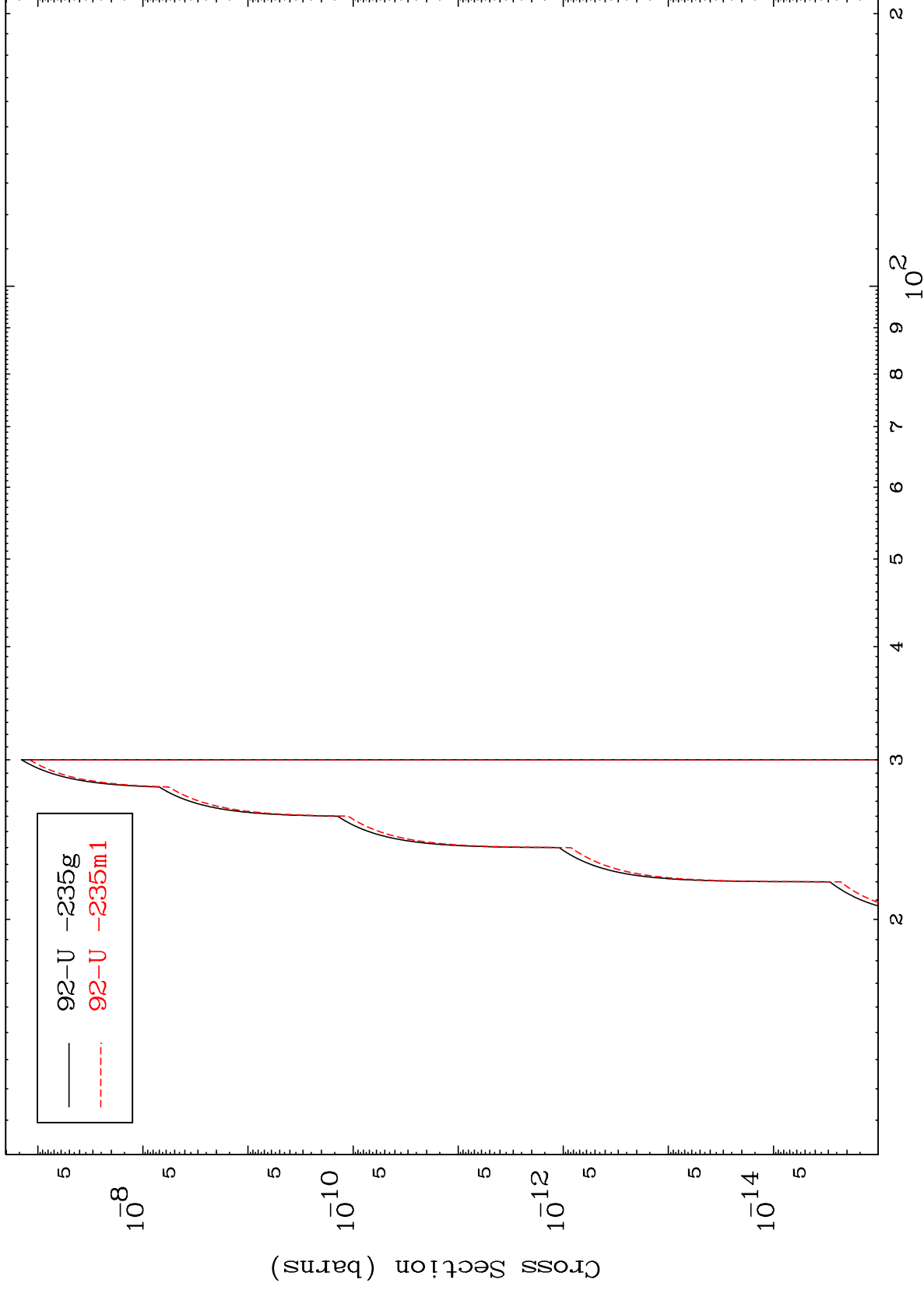
⁹³Np-237

MAT 9346

(p,2n) p

93-Np-237

Radionuclide Production Cross Section



15

Incident Energy (MeV)

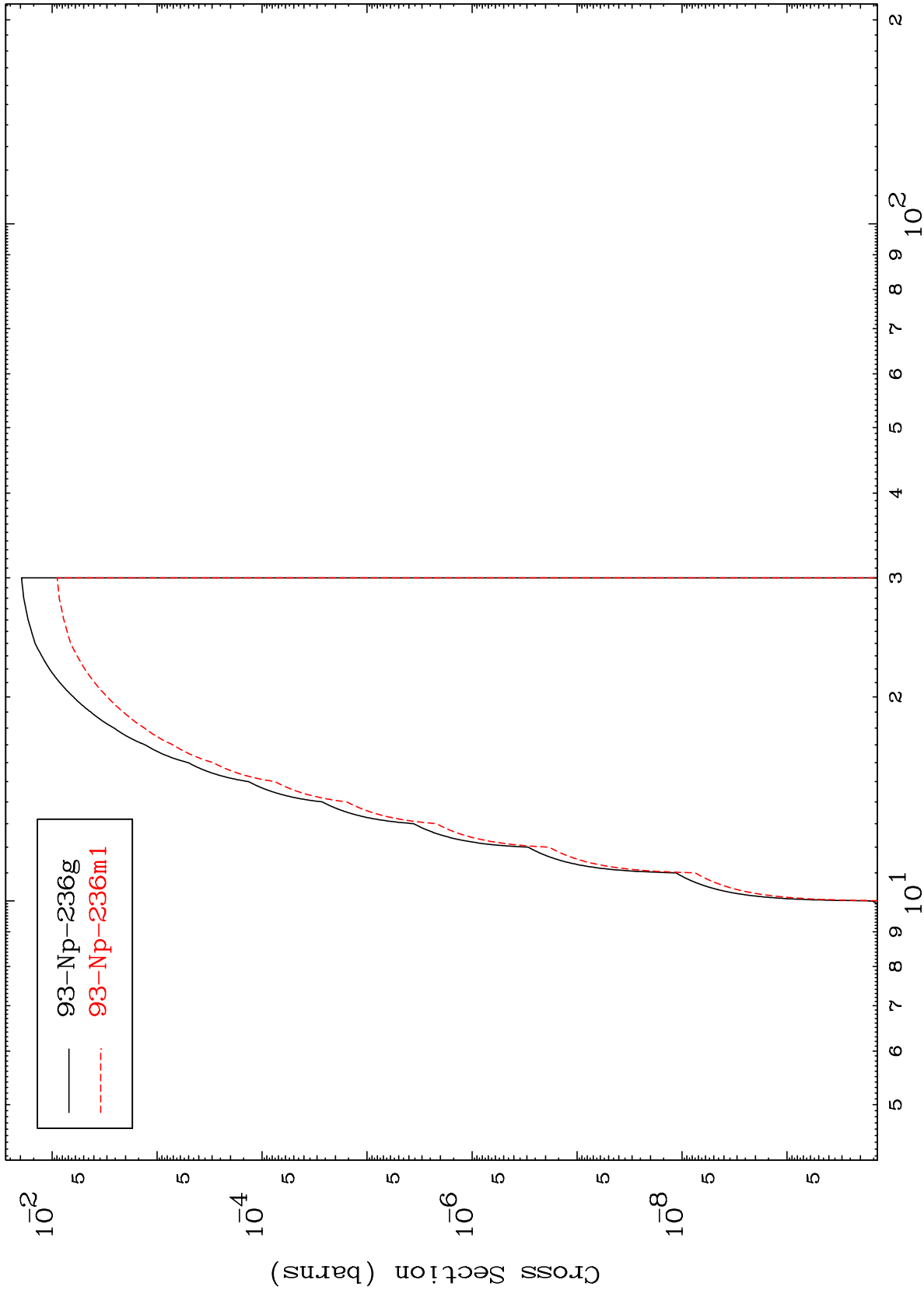
93-Np-237

MAT 9346

(p,d)

93-Np-237

Radionuclide Production Cross Section



16

Incident Energy (MeV)

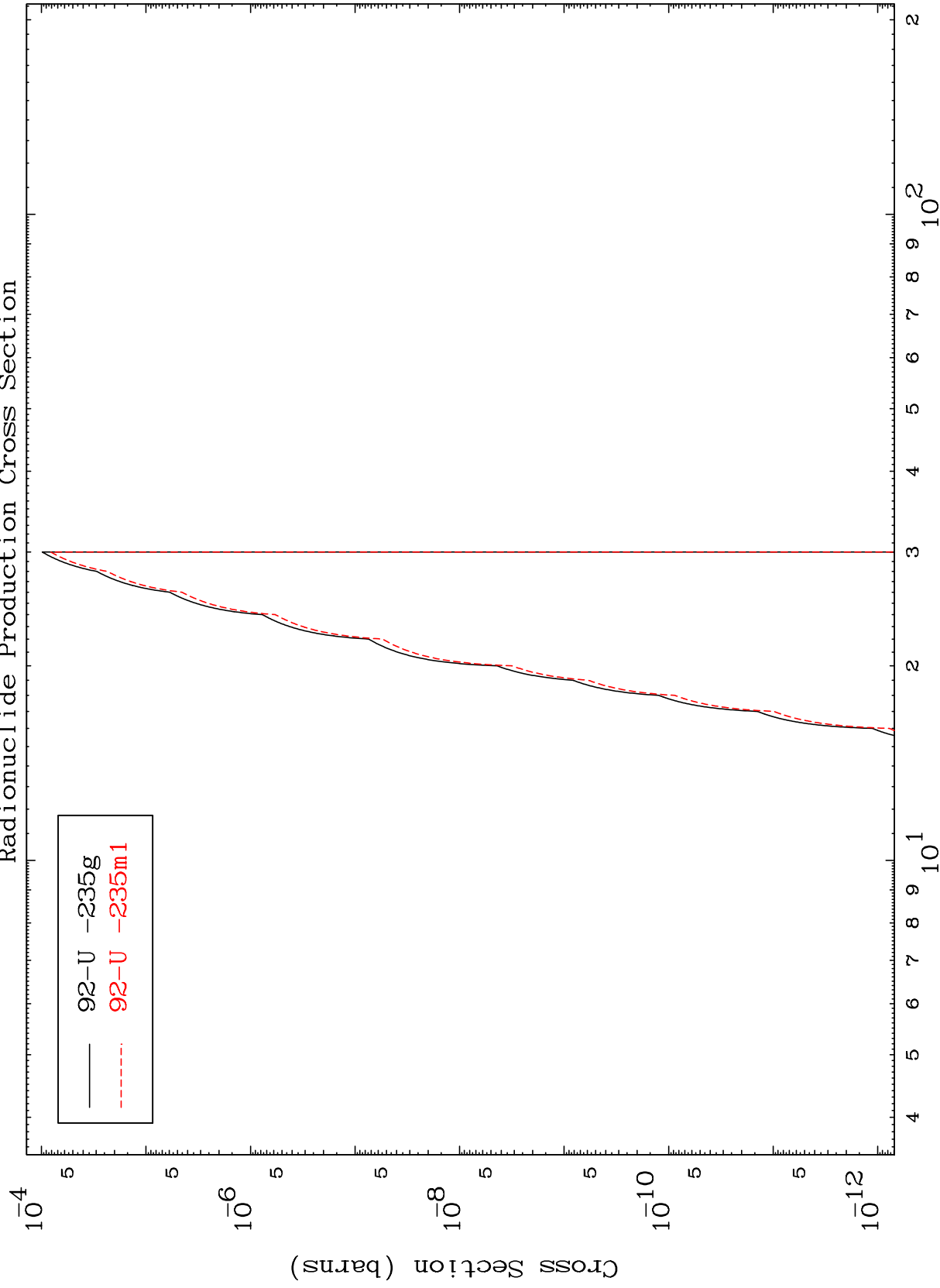
93-Np-237

MAT 9346

(p,He-3)

93-Np-237

Radionuclide Production Cross Section



17

Incident Energy (MeV)

93-Np-237