

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

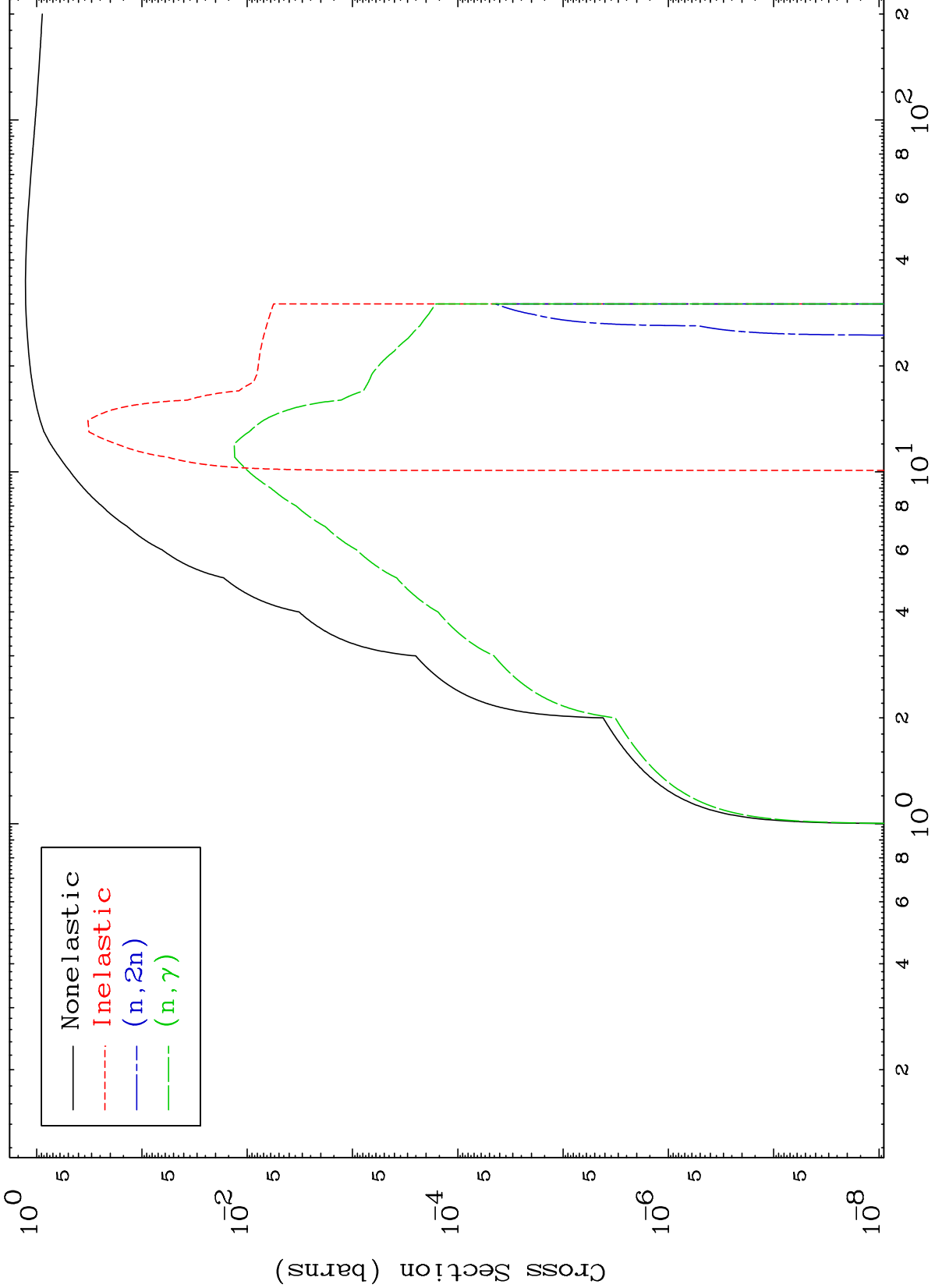
Press Mouse Button to Start

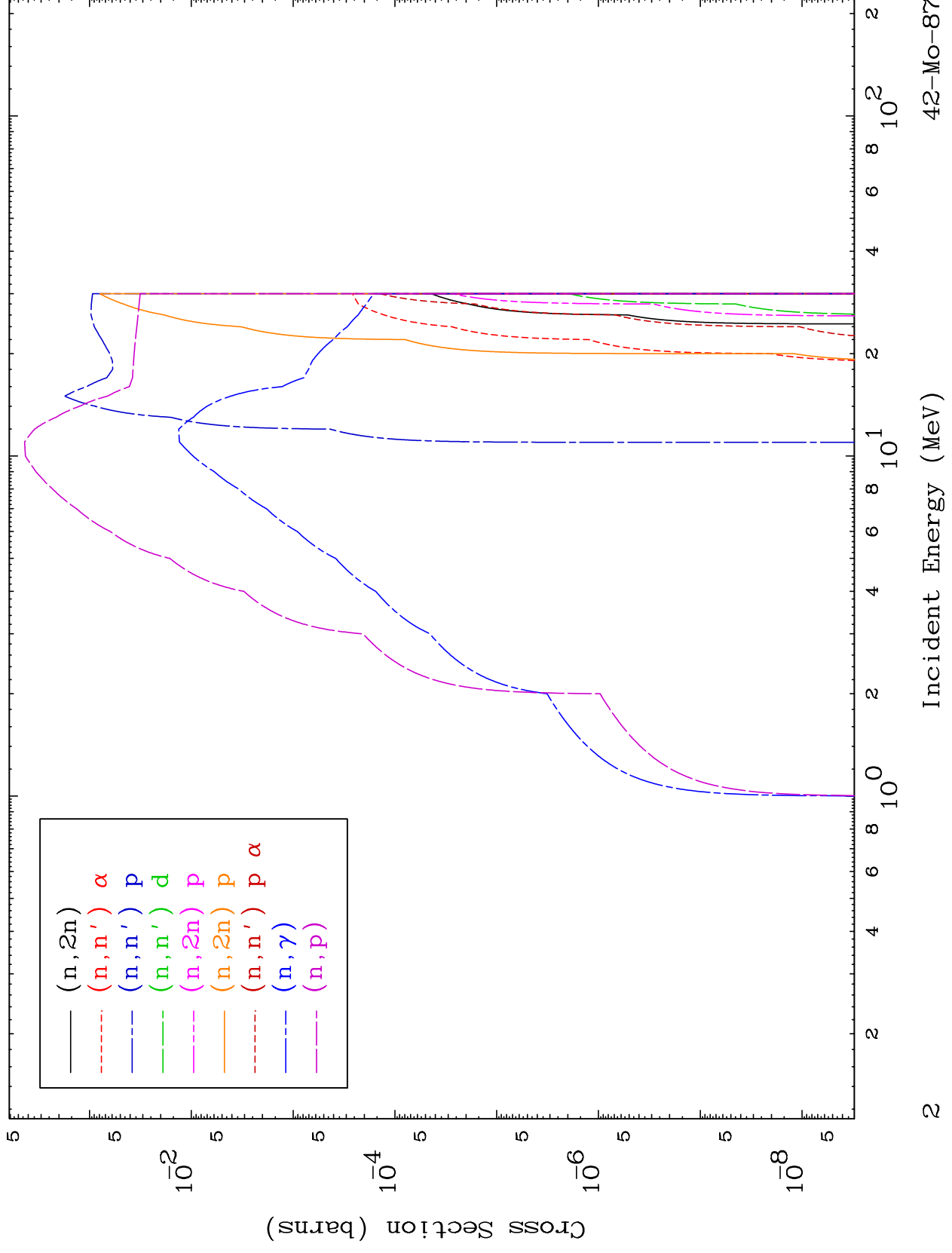
MAT 4210

Proton Major

42-Mo-87

0 Kelvin Cross Sections

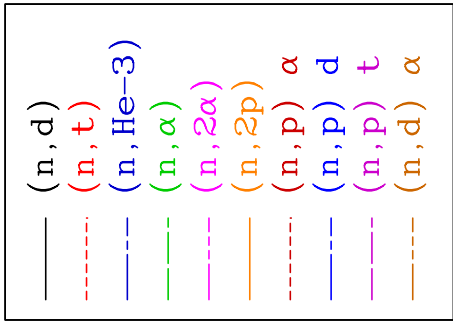
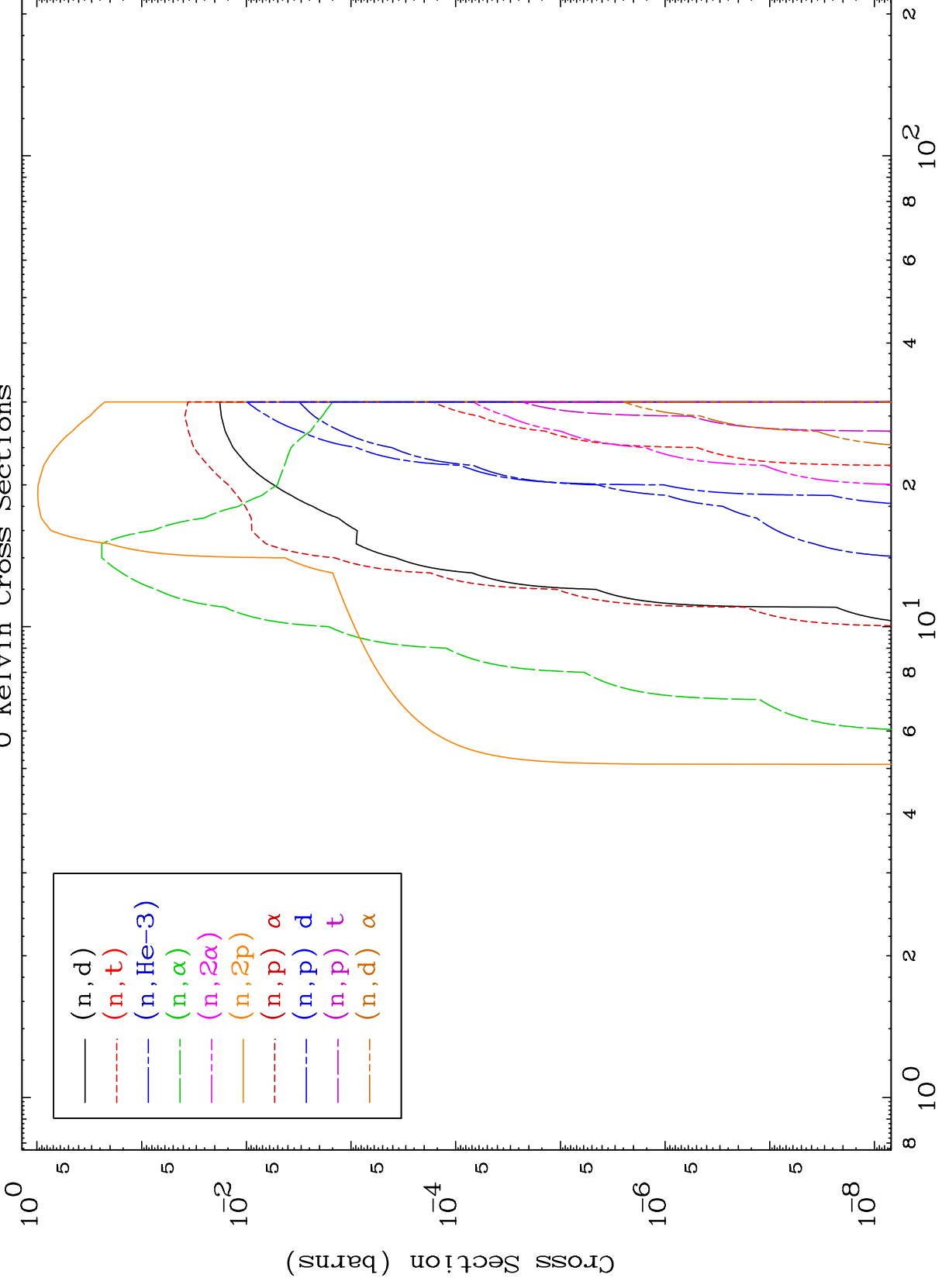




MAT 4210

Proton Neutron Absorption
0 Kelvin Cross Sections

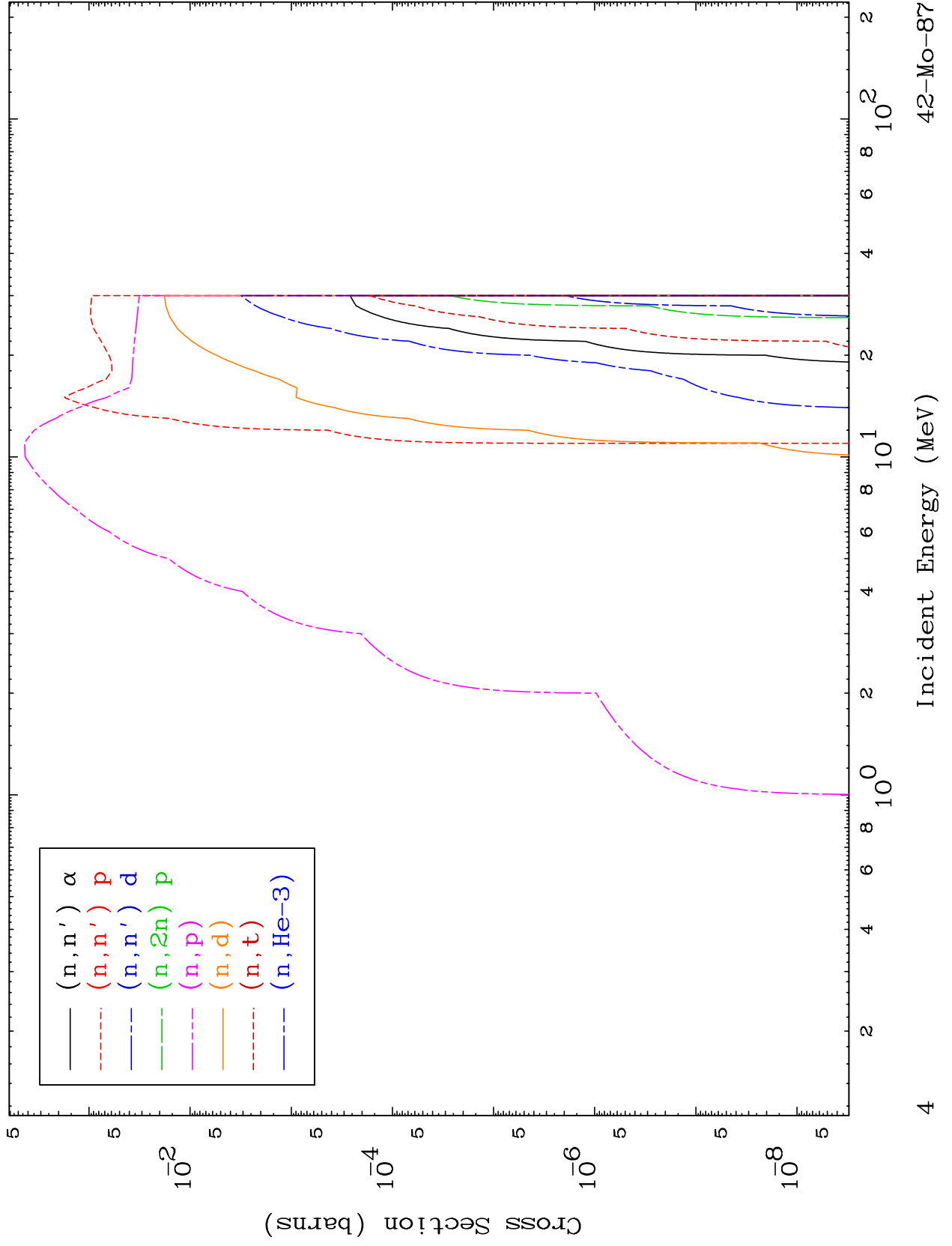
42-Mo-87



42-Mo-87

Incident Energy (MeV)

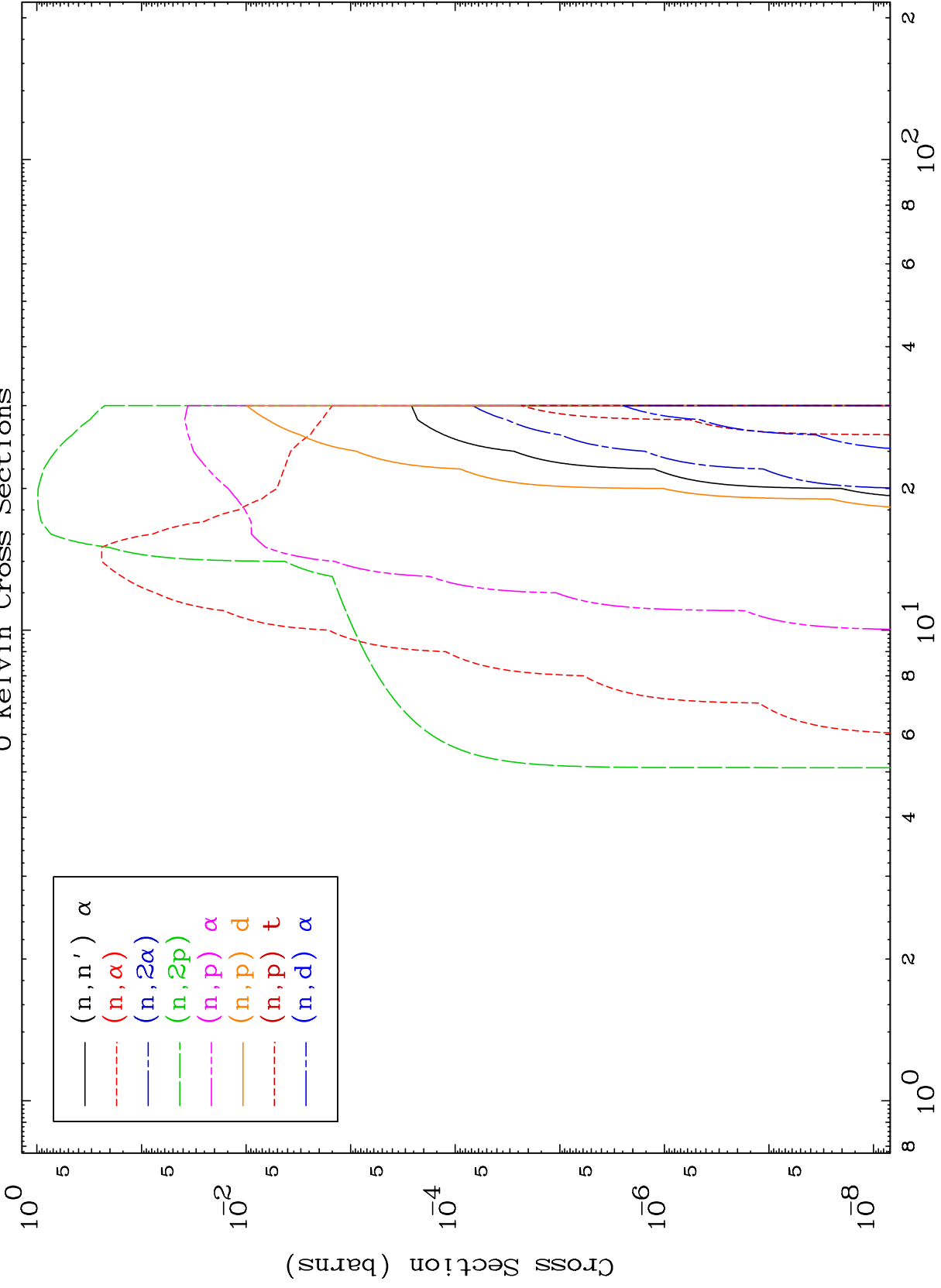
3



MAT 4210

Proton Charged Particle
0 Kelvin Cross Sections

42-Mo-87



42-Mo-87

Incident Energy (MeV)

2

4

6

8

10⁰

10¹

10²

2

4

6

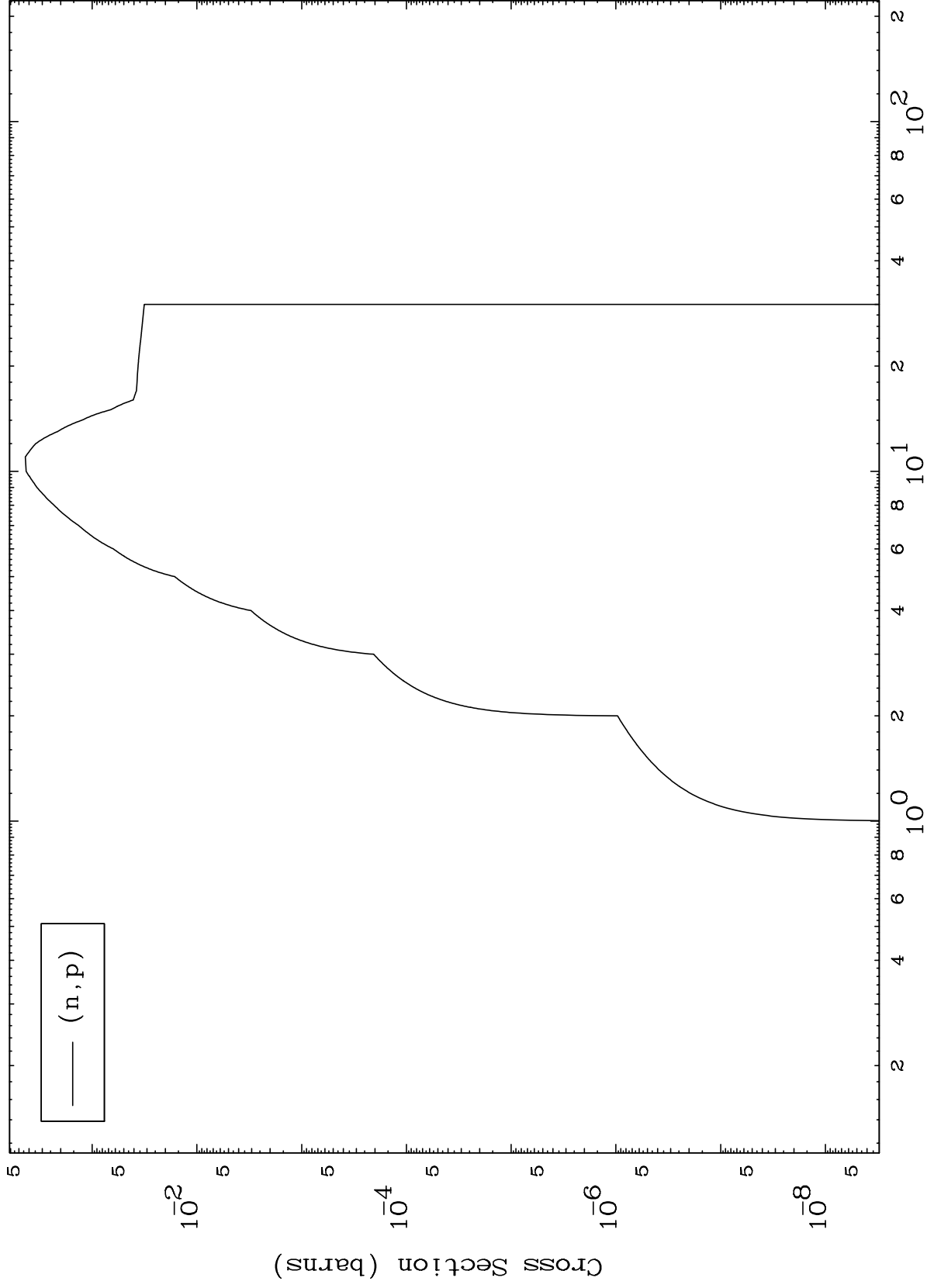
8

10²

MAT 4210

(p,p) Levels
0 Kelvin Cross Sections

42-Mo-87



6

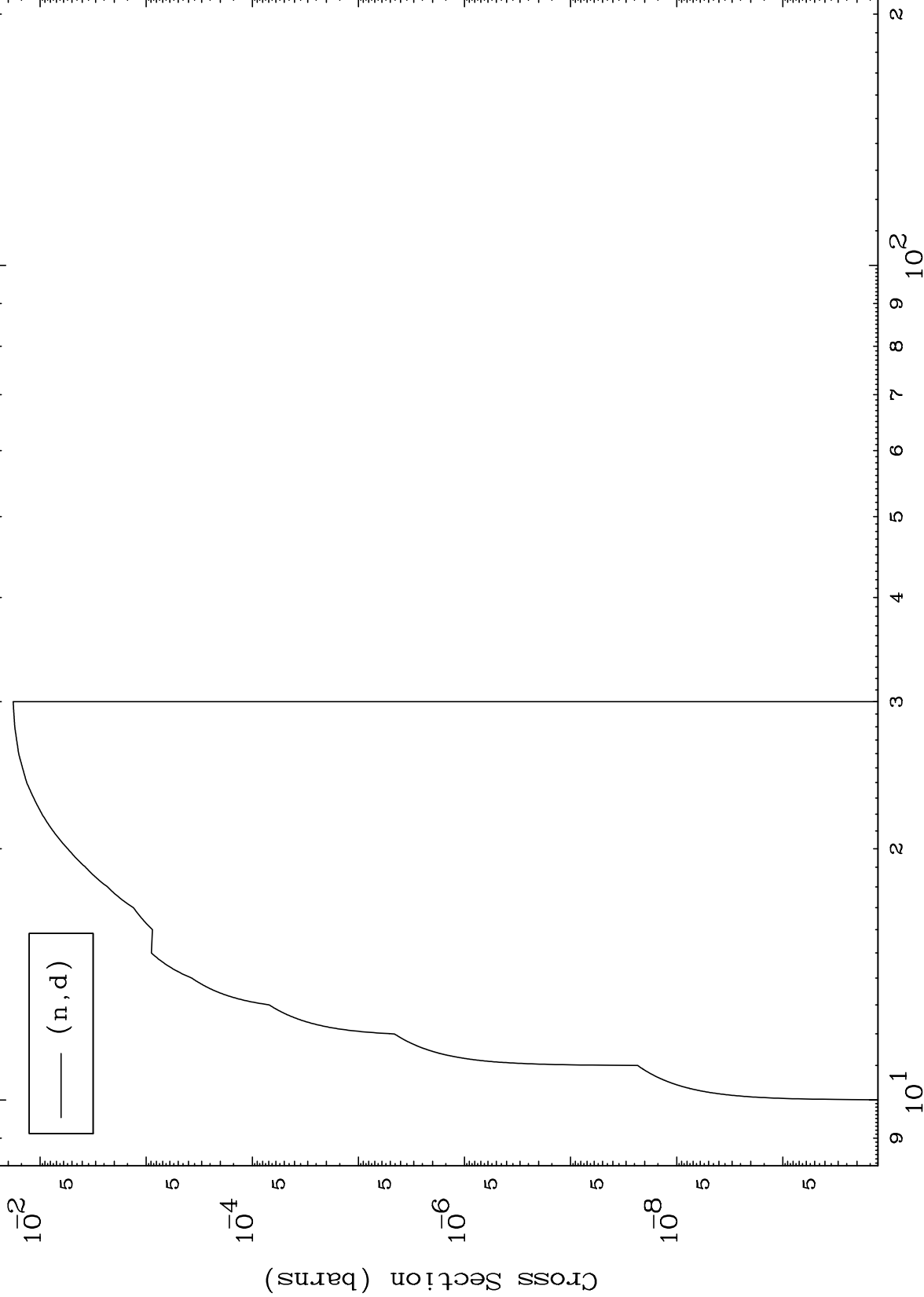
Incident Energy (MeV)

42-Mo-87

MAT 4210

(p,d) Levels
0 Kelvin Cross Sections

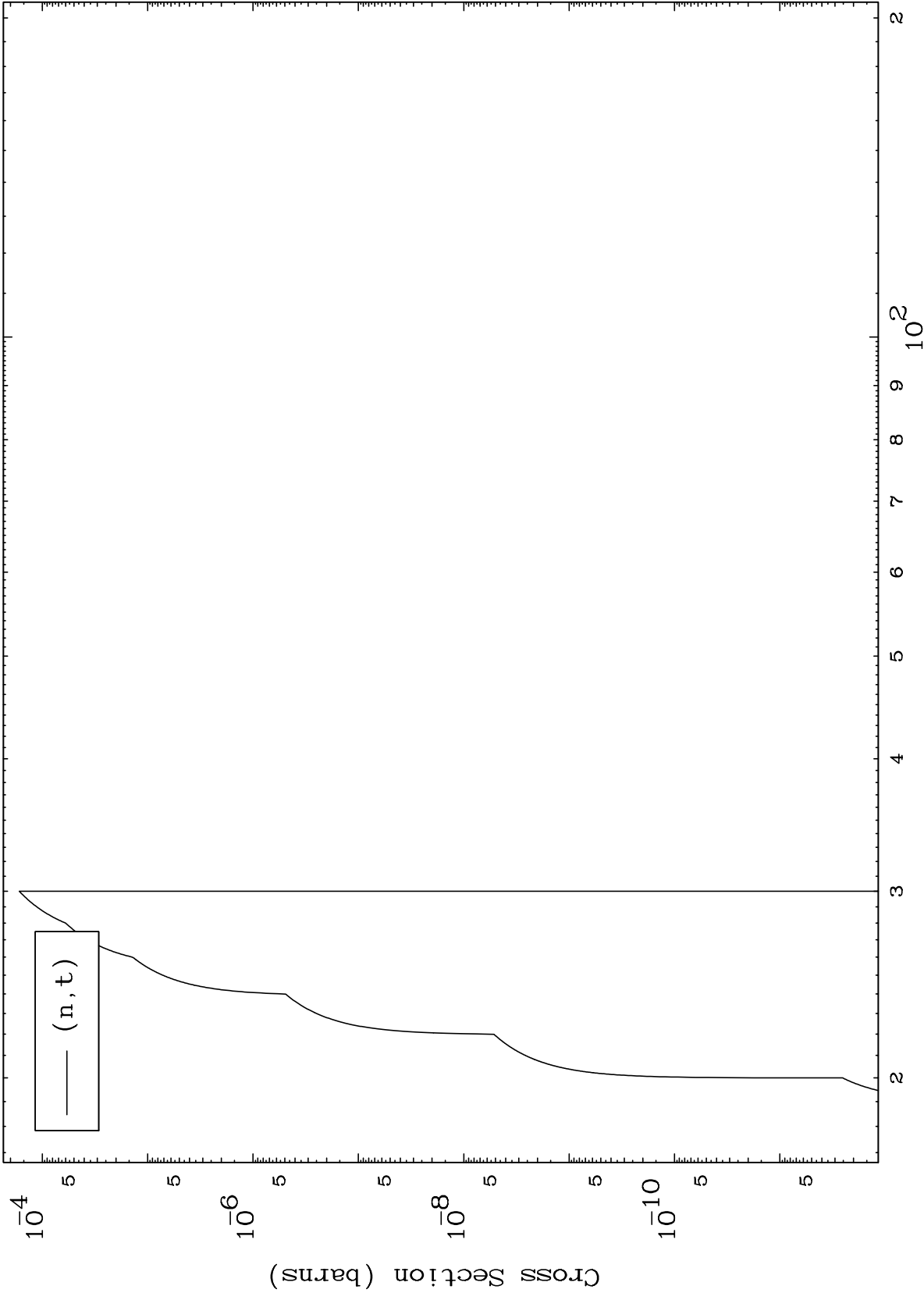
42-Mo-87



7

Incident Energy (MeV)

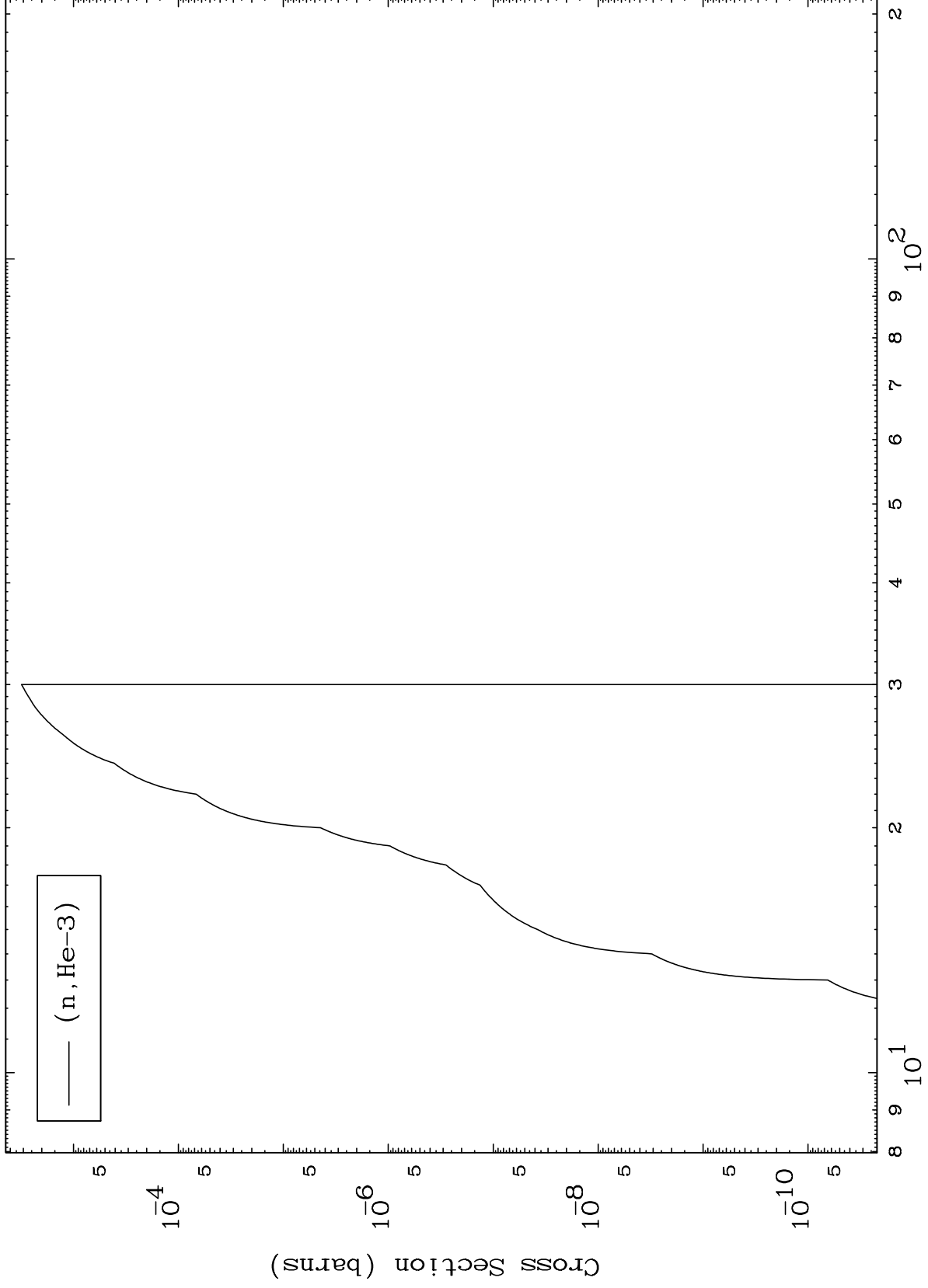
42-Mo-87



MAT 4210

(p,He3) Levels
0 Kelvin Cross Sections

42-Mo-87



9

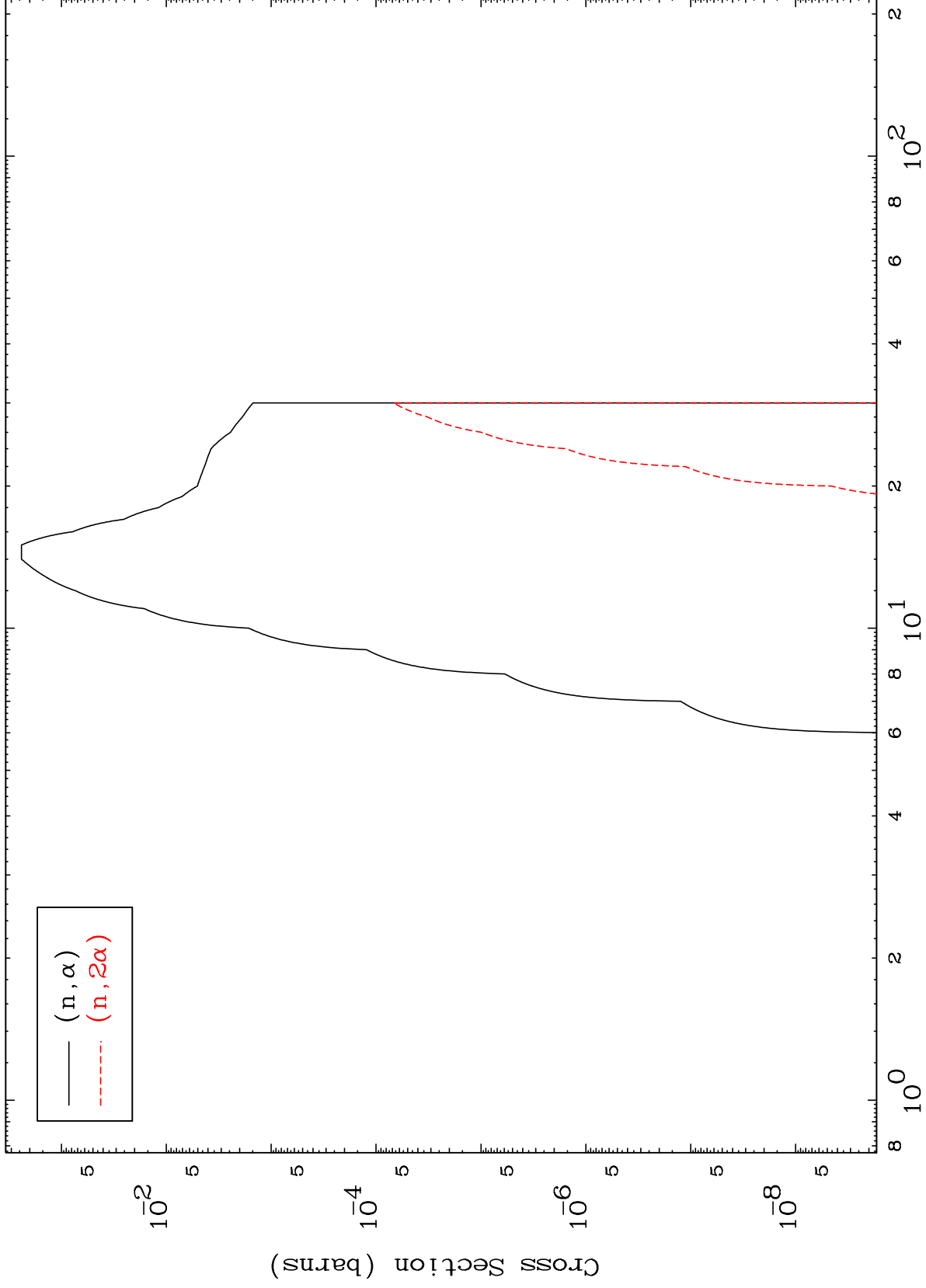
Incident Energy (MeV)

42-Mo-87

MAT 4210

0 Kelvin Cross Sections
(p, α) Levels

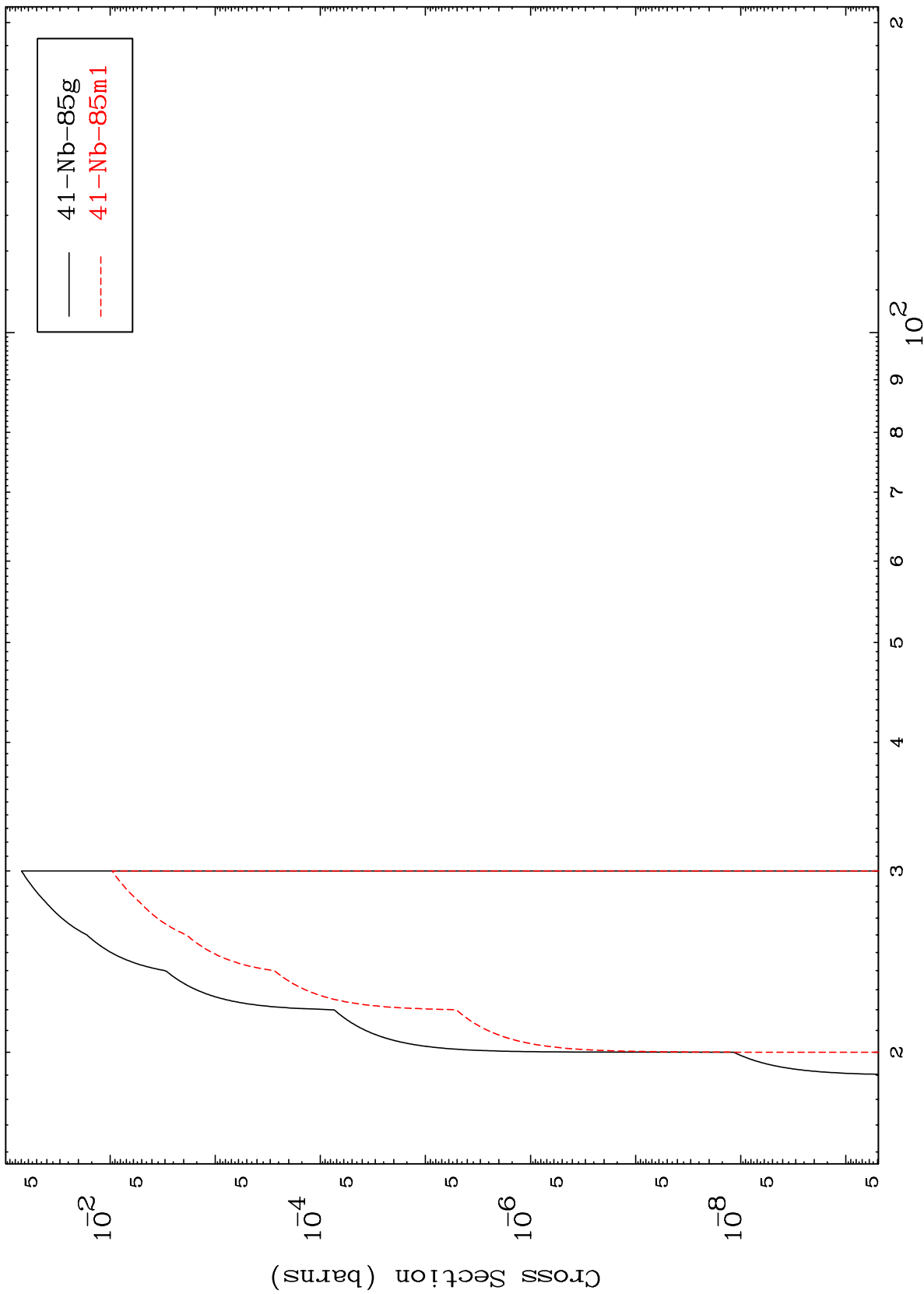
42-Mo-87



Incident Energy (MeV)

42-Mo-87

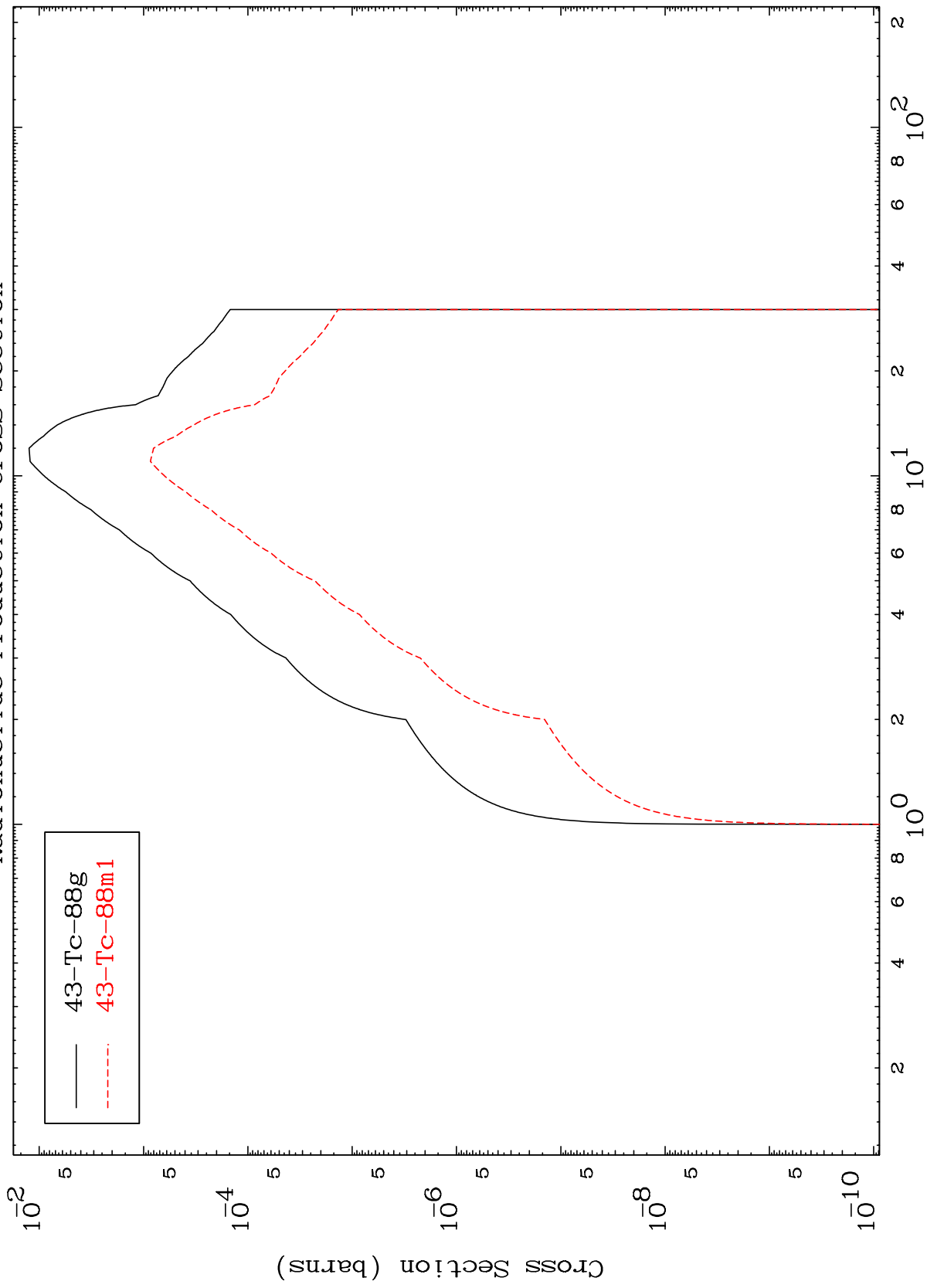
Radionuclide Production Cross Section



MAT 4210

42-Mo-87

Radionuclide Production Cross Section



— 43-Tc-88g
- - - 43-Tc-88m1

12

Incident Energy (MeV)

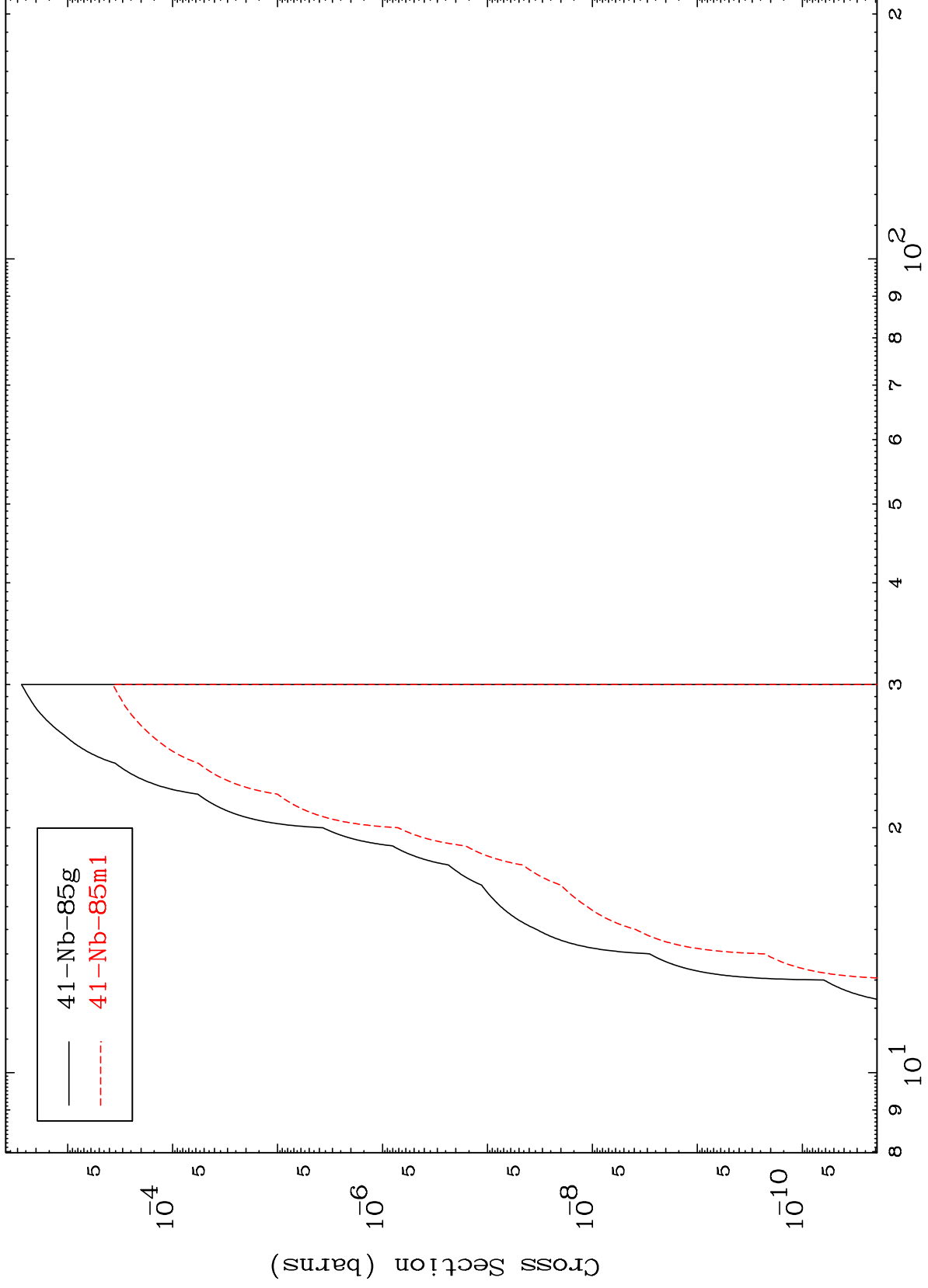
42-Mo-87

MAT 4210

(n,He-3)

42-Mo-87

Radionuclide Production Cross Section



13

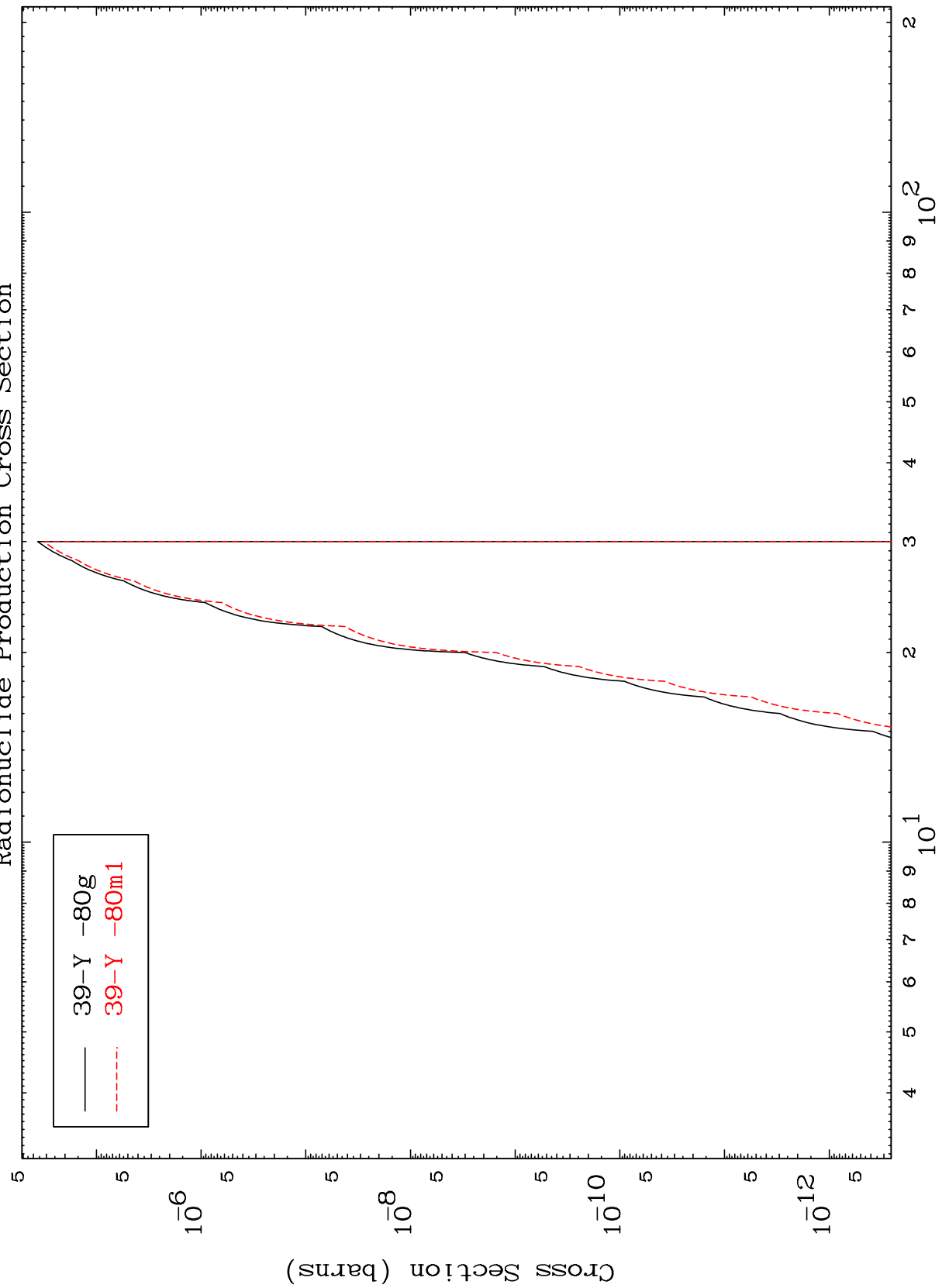
Incident Energy (MeV)

42-Mo-87

MAT 4210

42-Mo-87

Radionuclide Production Cross Section
(n,2α)



14

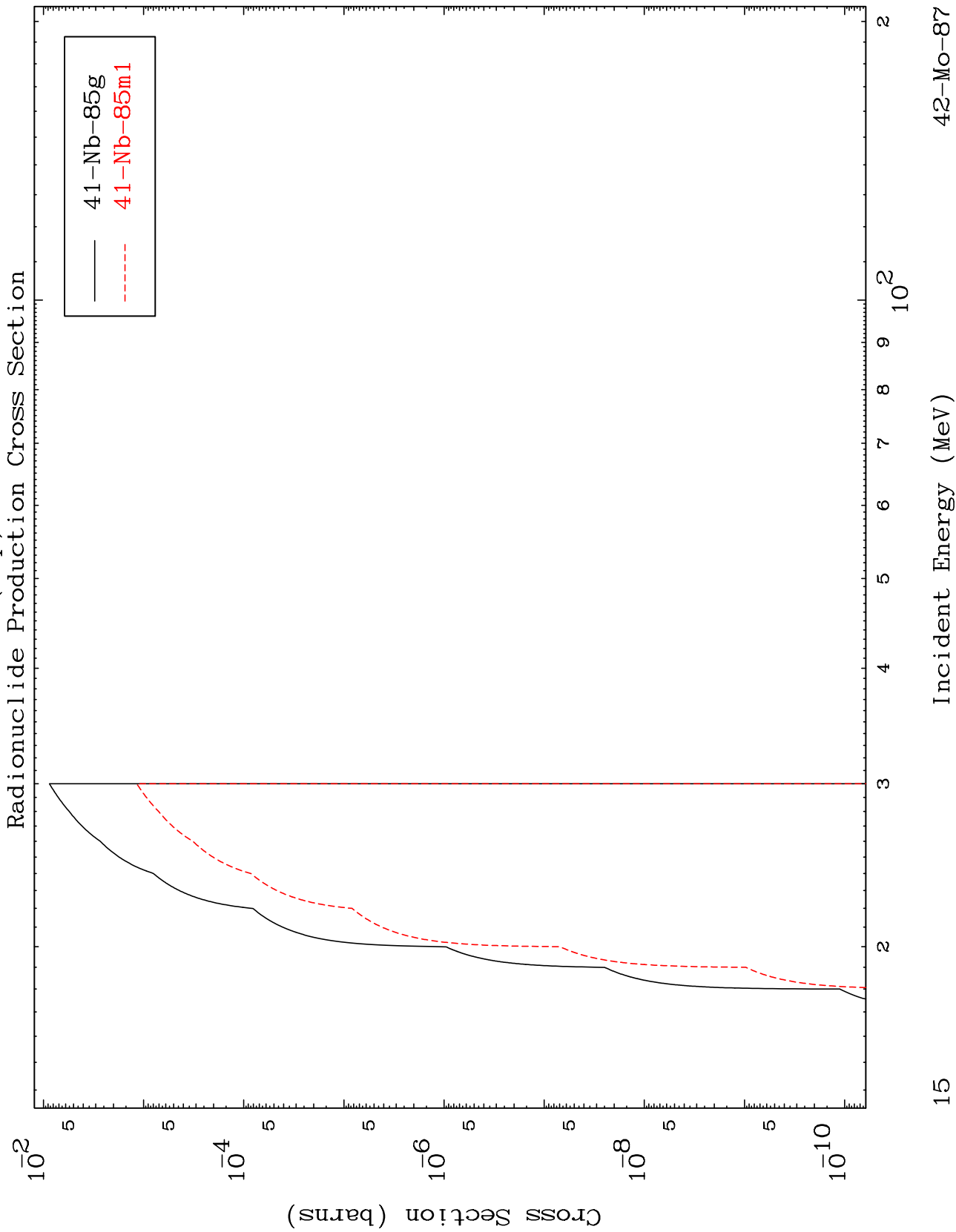
Incident Energy (MeV)

42-Mo-87

MAT 4210

(n,p) d

42-Mo-87



15