

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

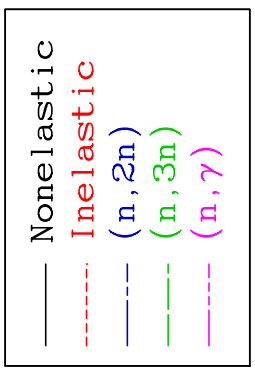
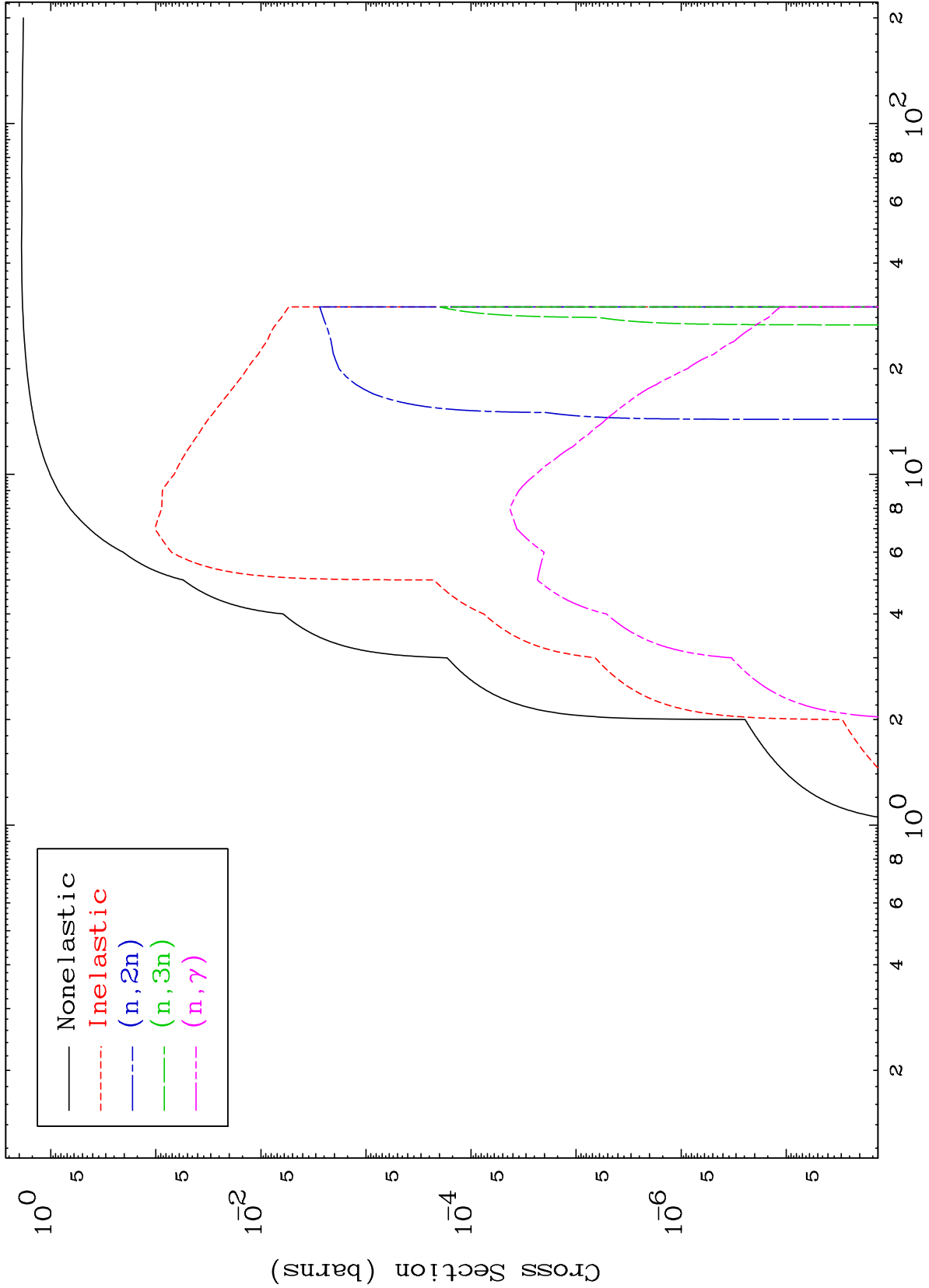
Press Mouse Button to Start

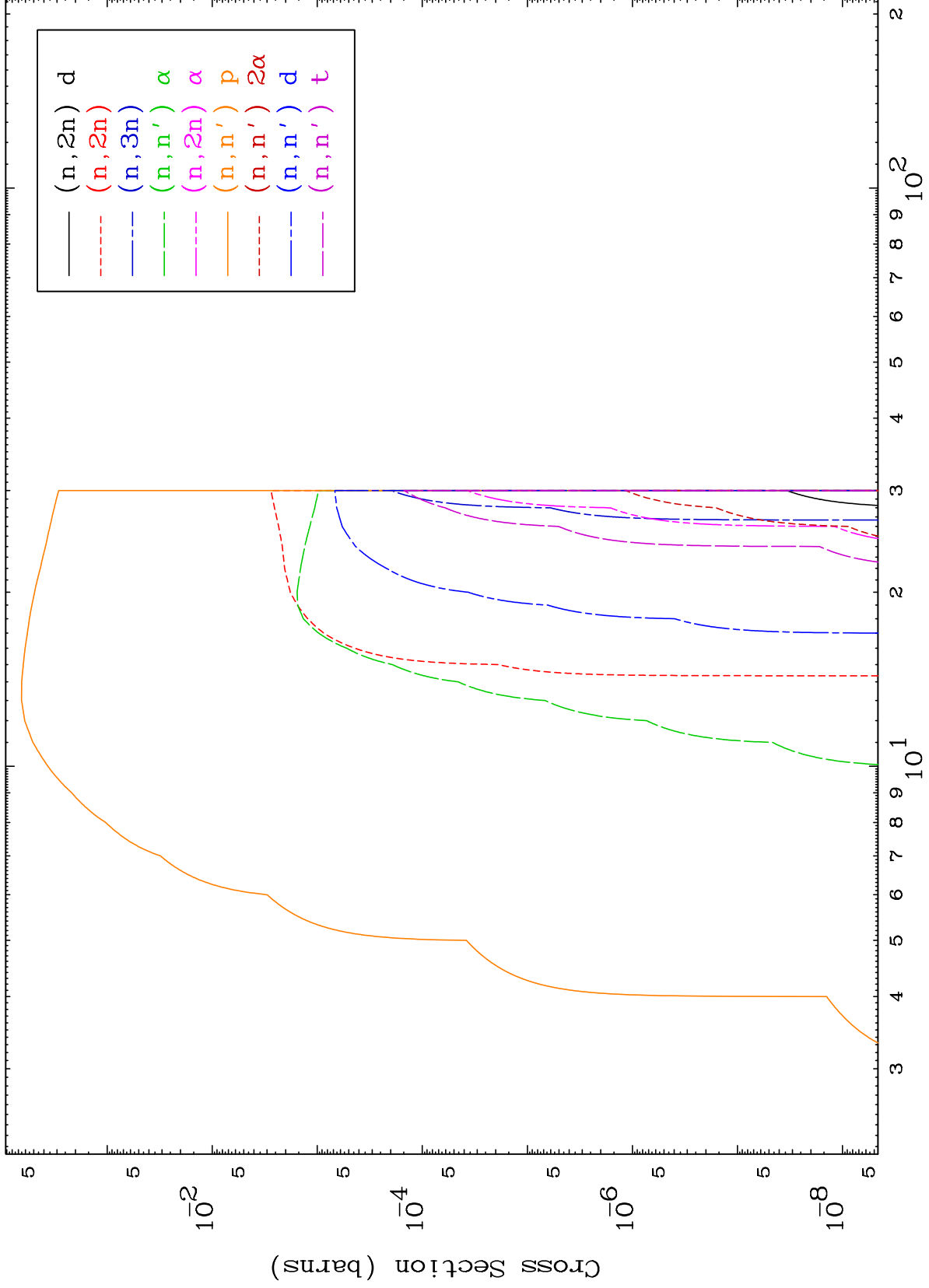
MAT 4213

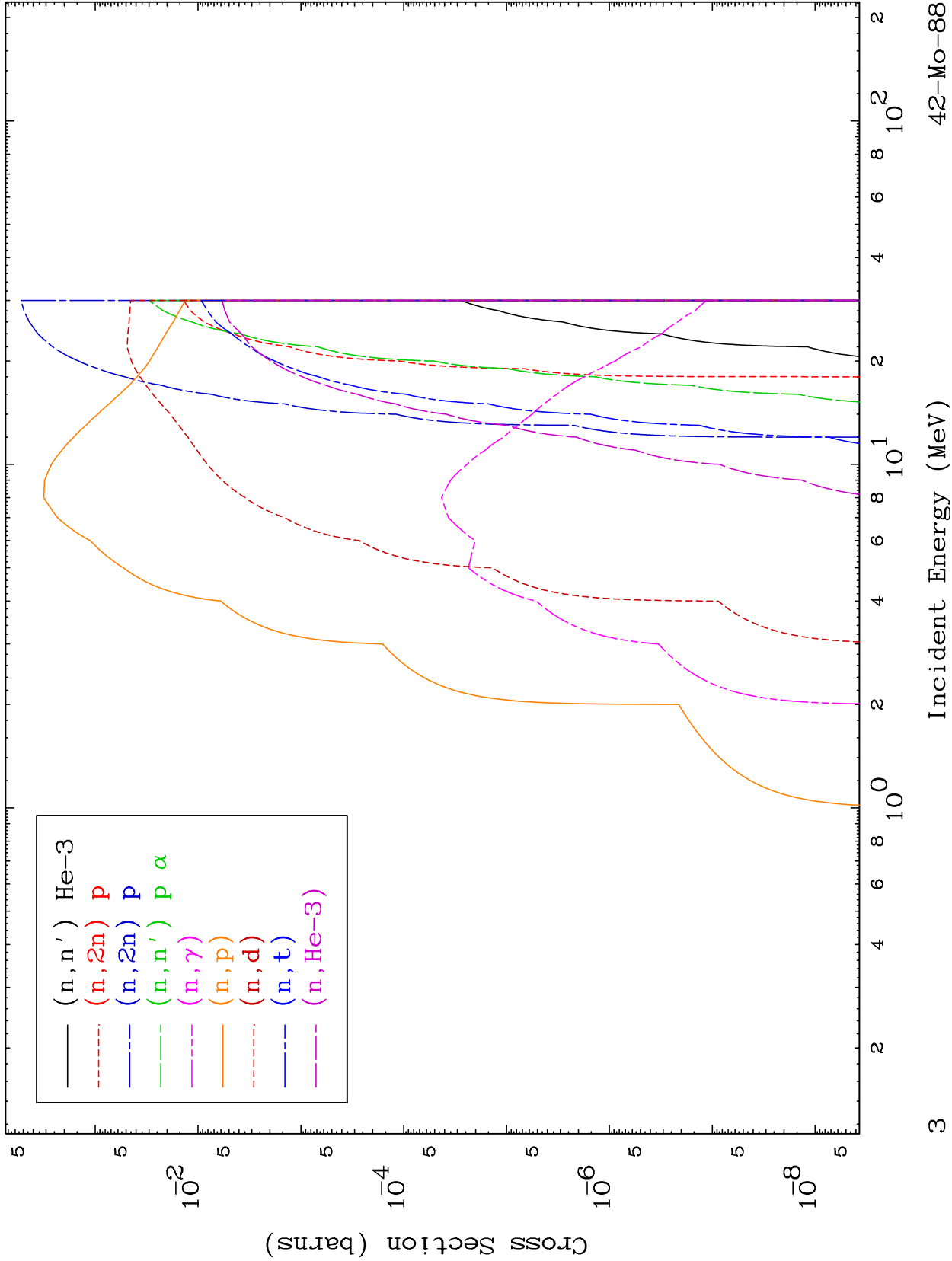
Deuteron Major

42-Mo-88

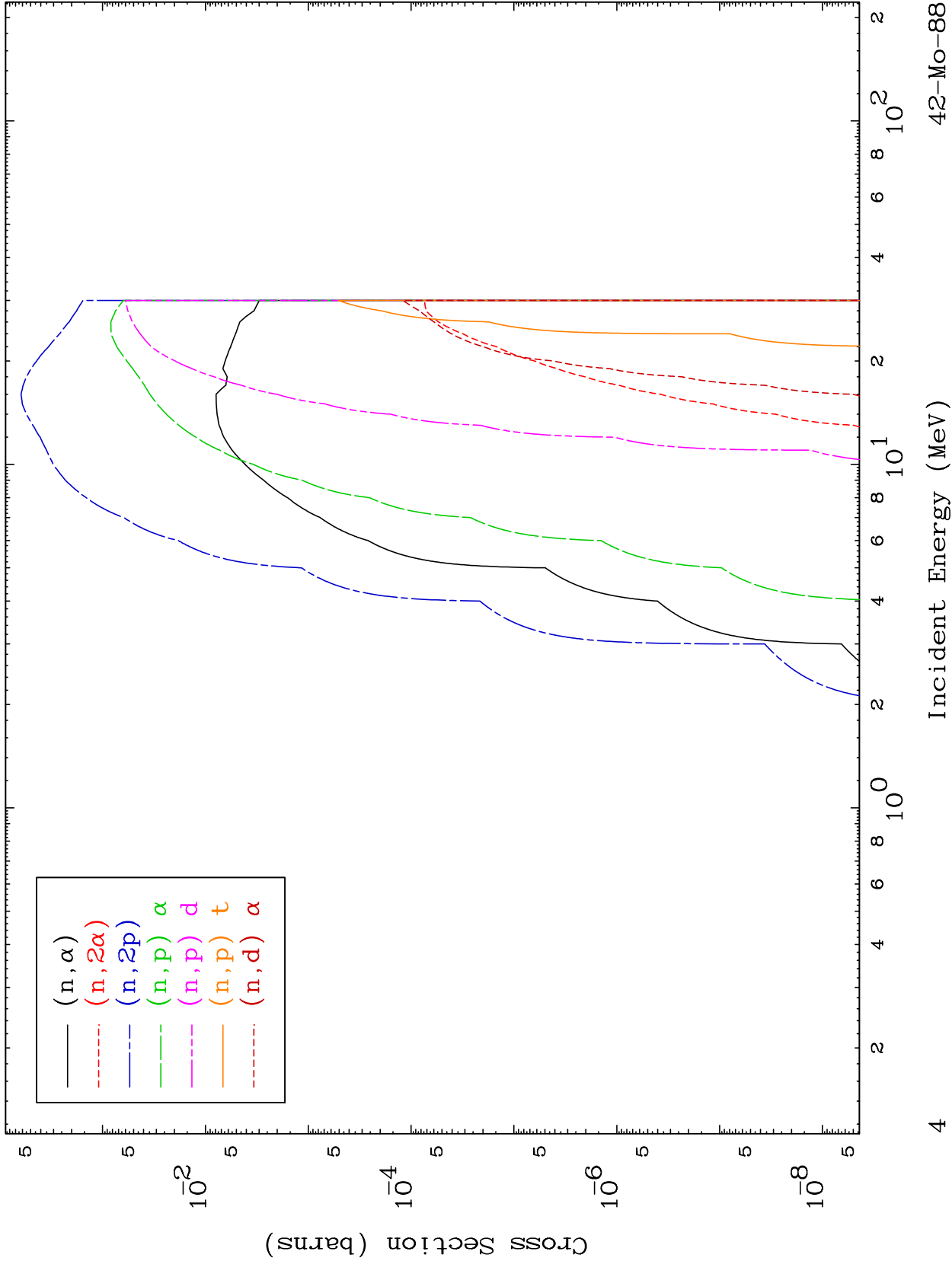
0 Kelvin Cross Sections

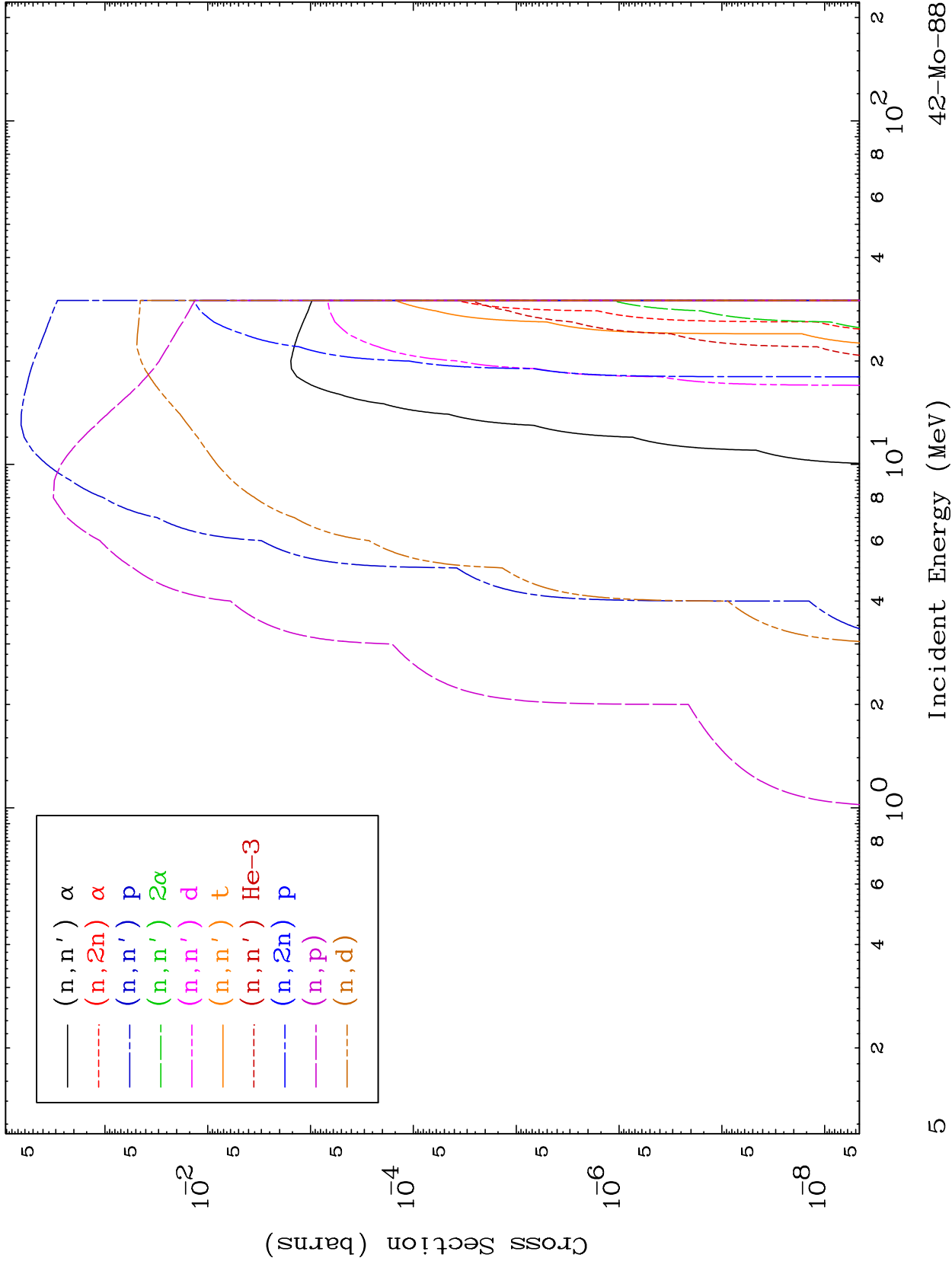


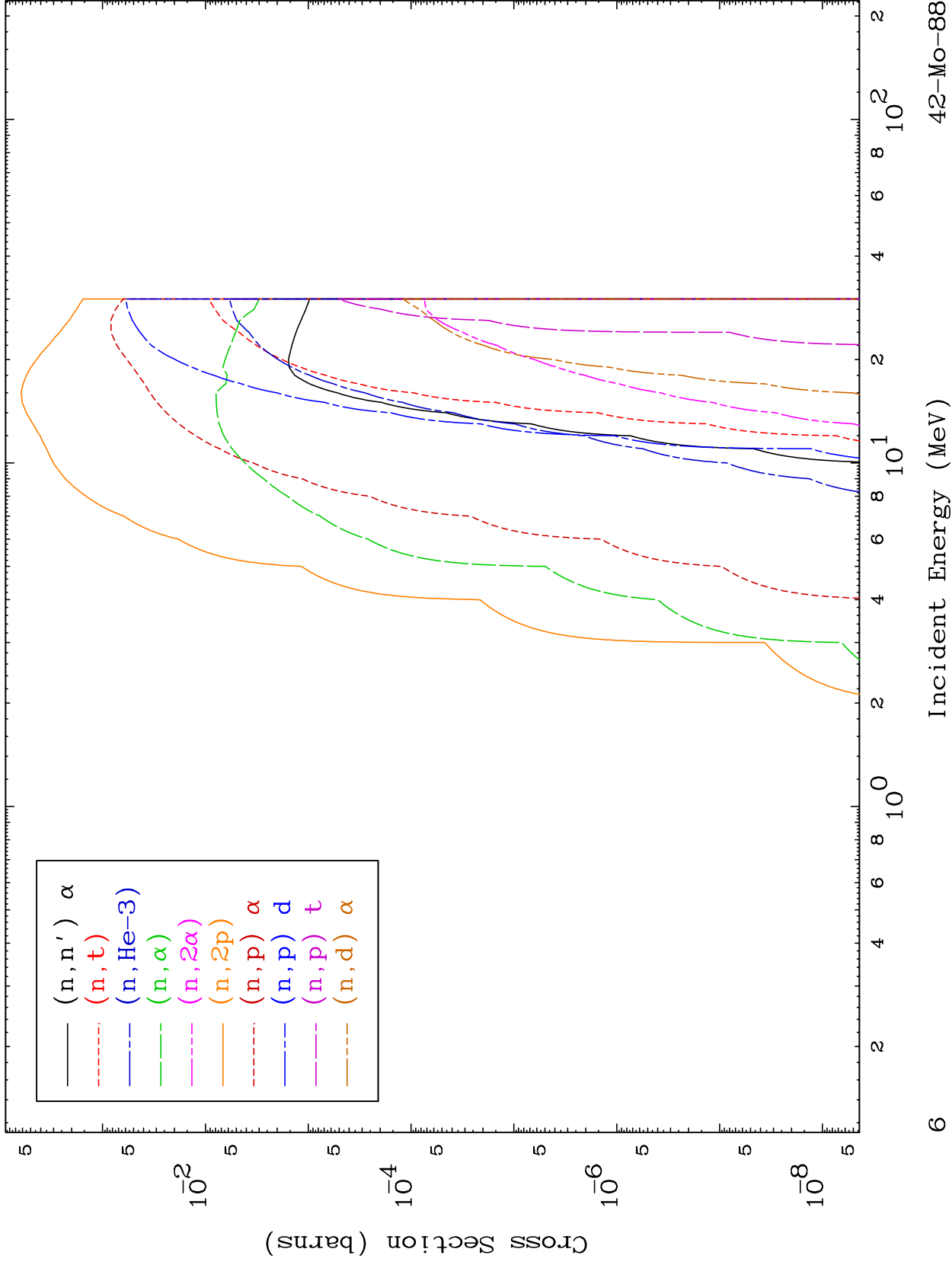




Deuteron Neutron Absorption
0 Kelvin Cross Sections





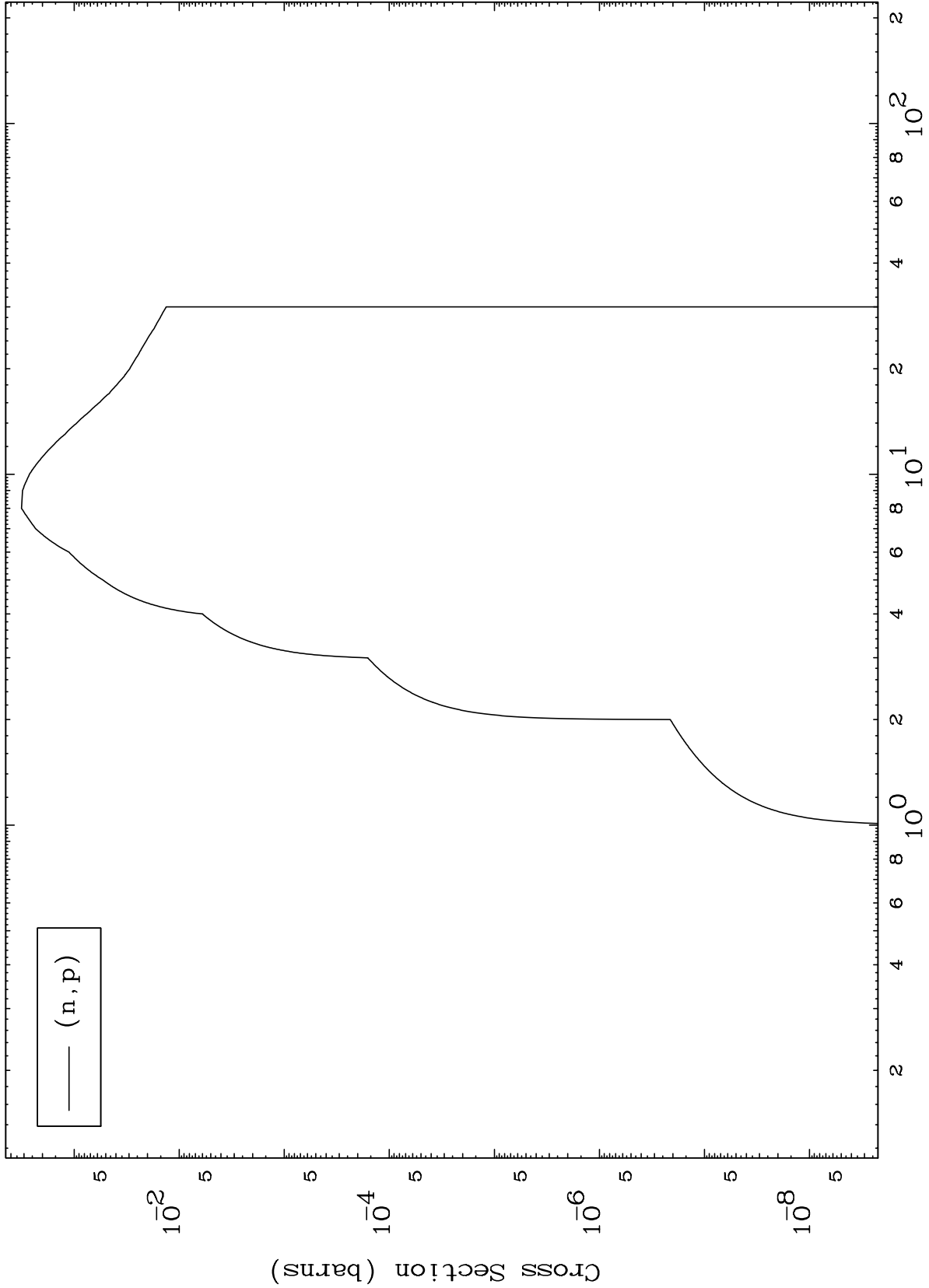


MAT 4213

(d,p) Levels

42-Mo-88

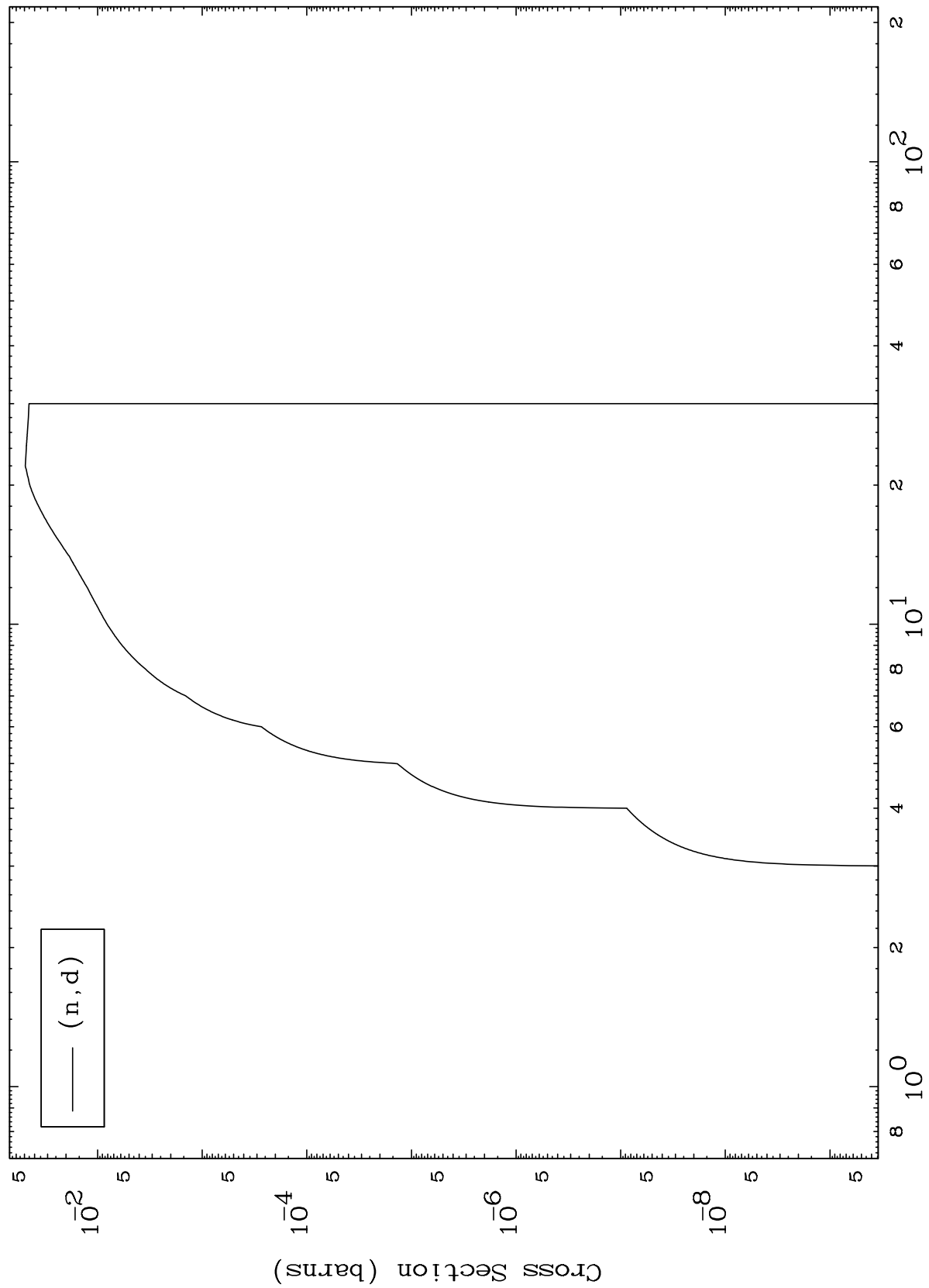
0 Kelvin Cross Sections



MAT 4213

42-Mo-88

(d,d) Levels
0 Kelvin Cross Sections



42-Mo-88

Incident Energy (MeV)

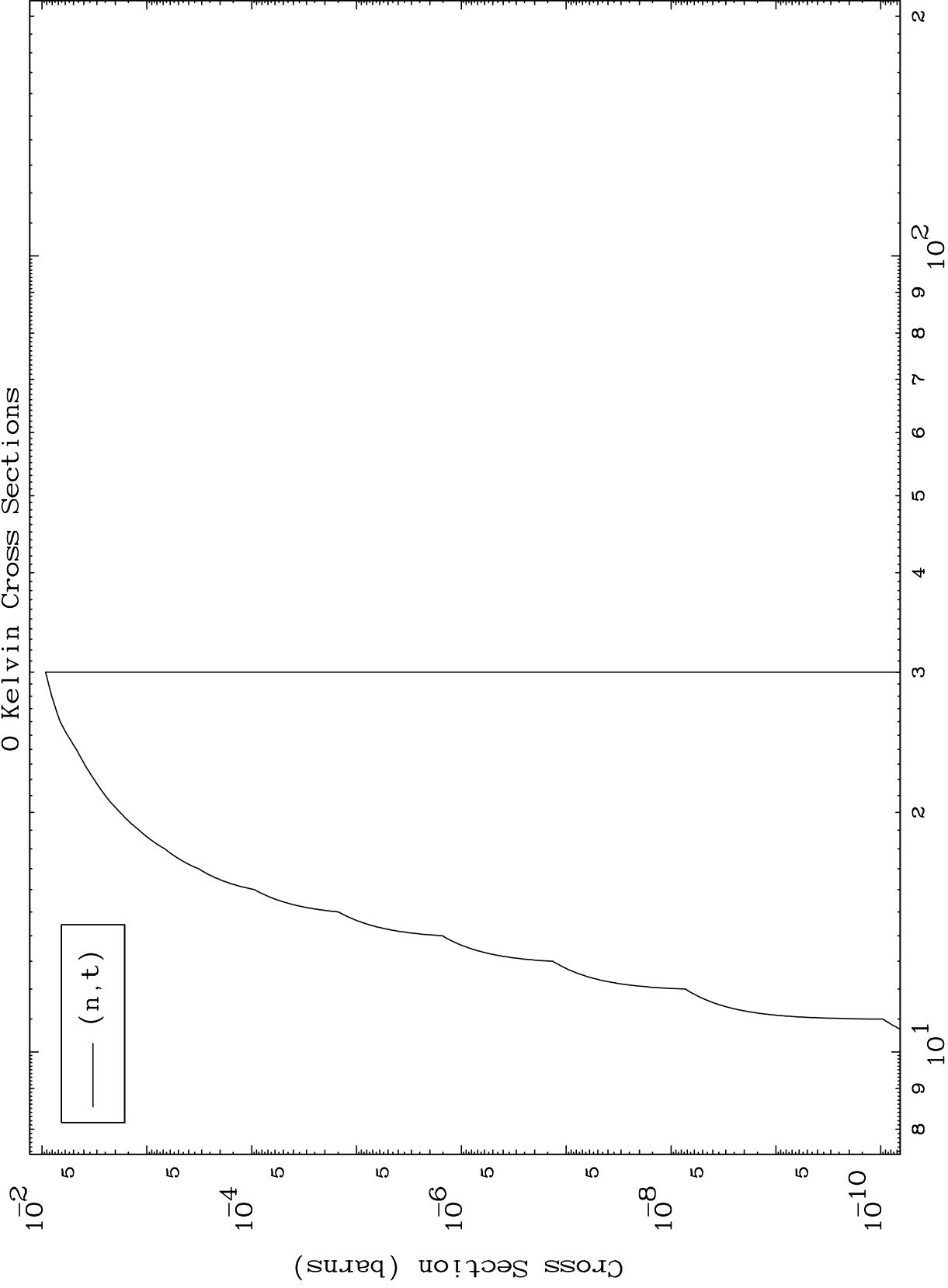
8

MAT 4213

(d, t) Levels

42-Mo-88

0 Kelvin Cross Sections



9

Incident Energy (MeV)

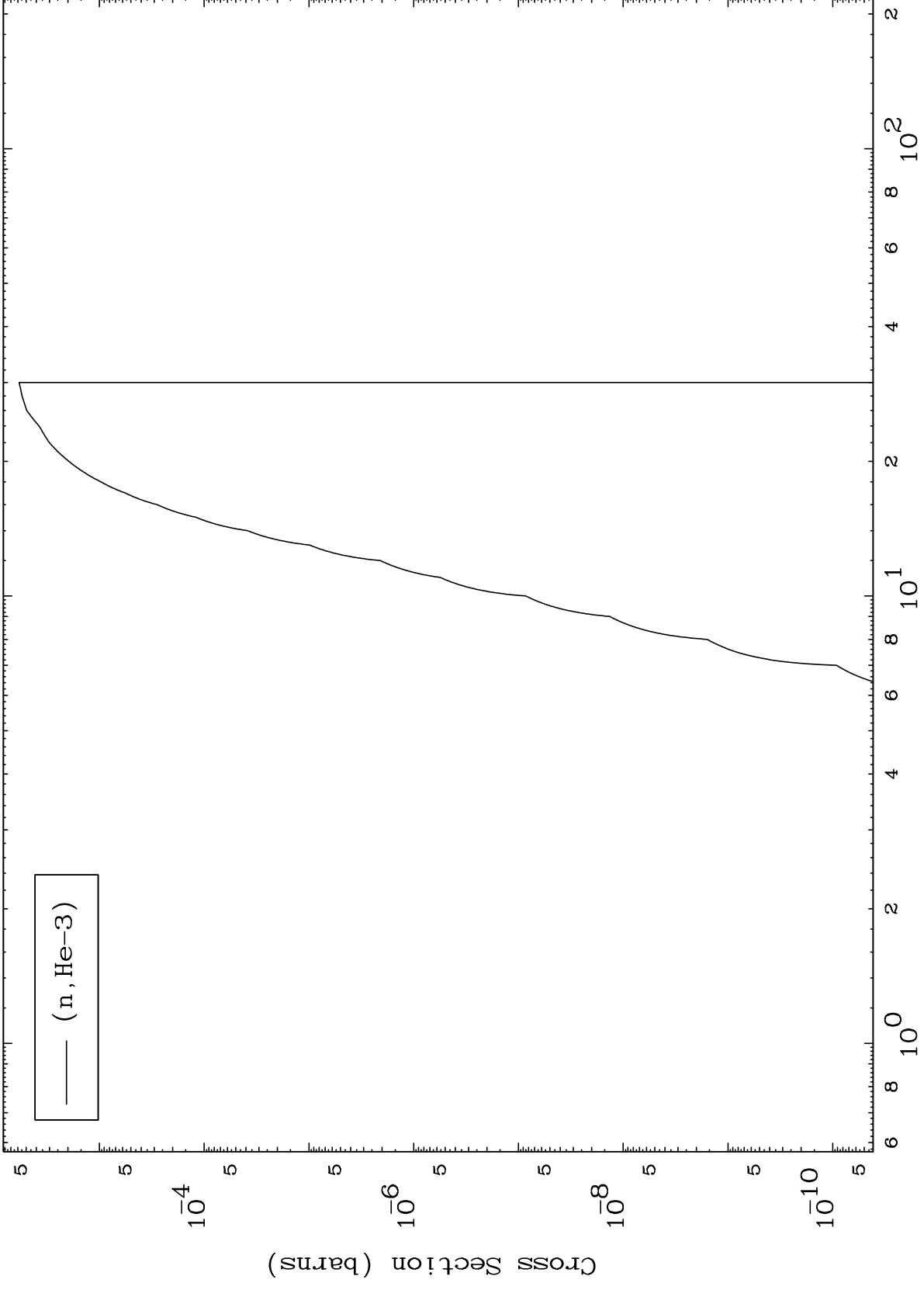
42-Mo-88

MAT 4213

(d,He3) Levels

42-Mo-88

0 Kelvin Cross Sections



10

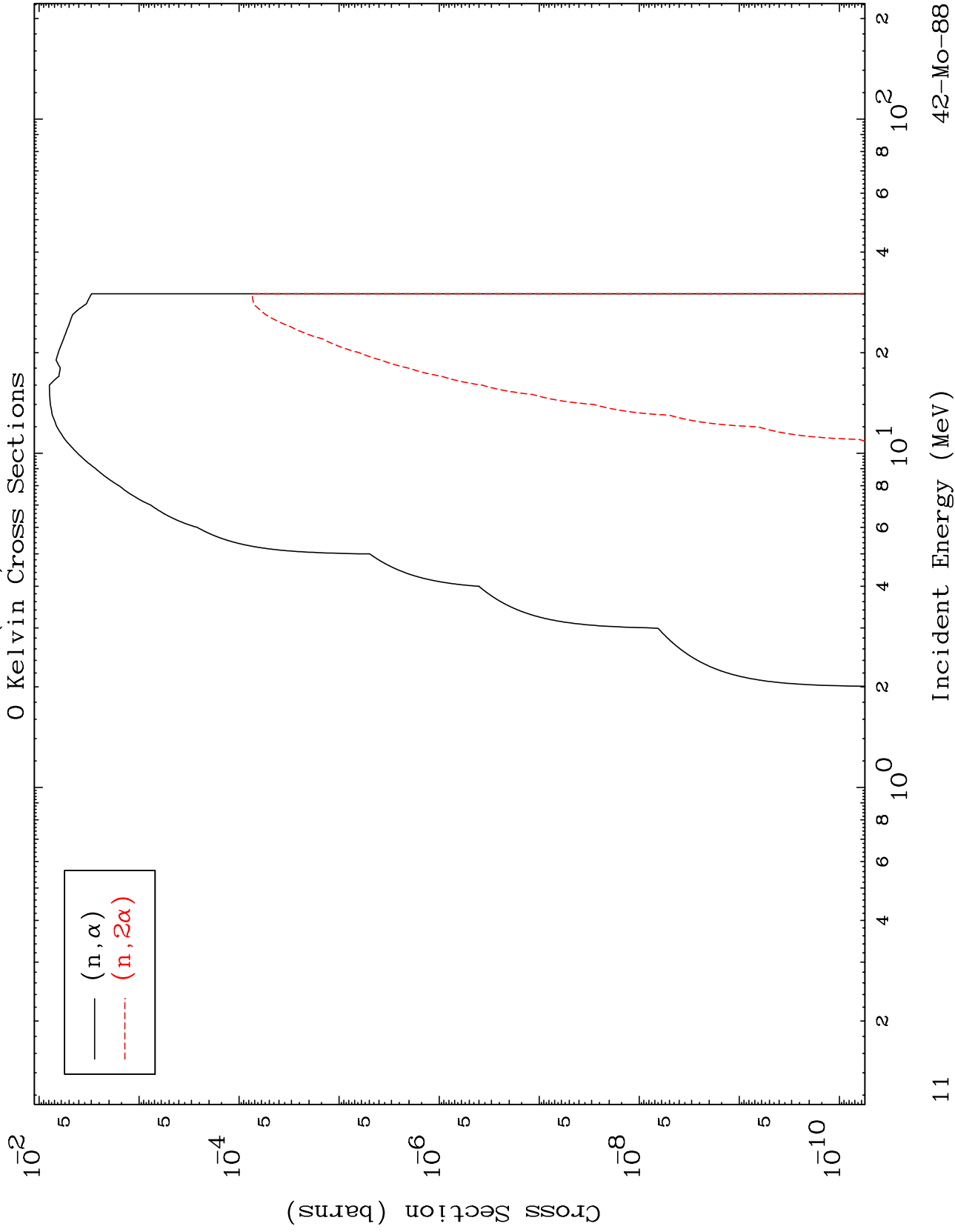
Incident Energy (MeV)

42-Mo-88

MAT 4213

(d, α) Levels

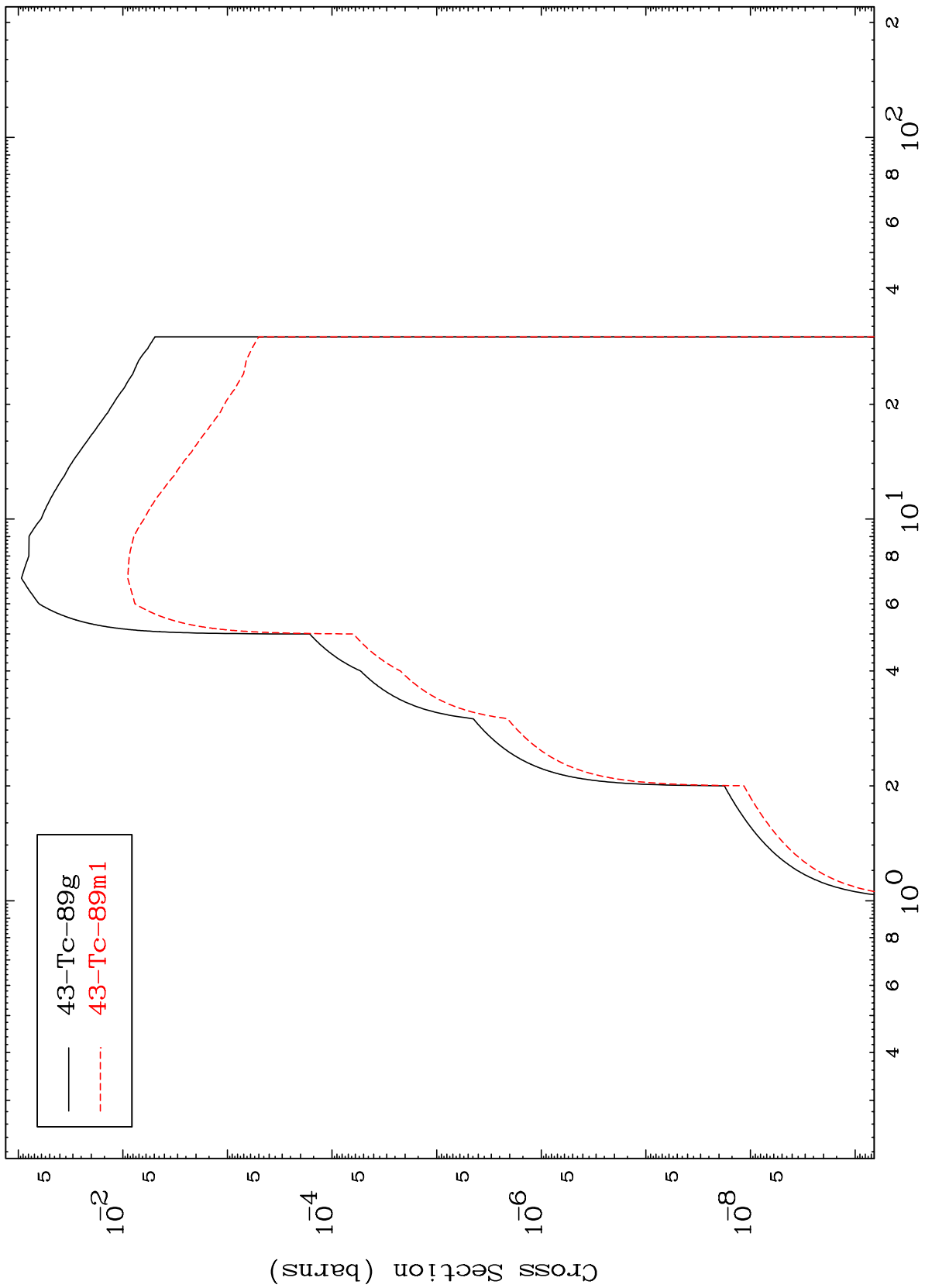
42-Mo-88



MAT 4213

42-Mo-88

Inelastic
Radionuclide Production Cross Section



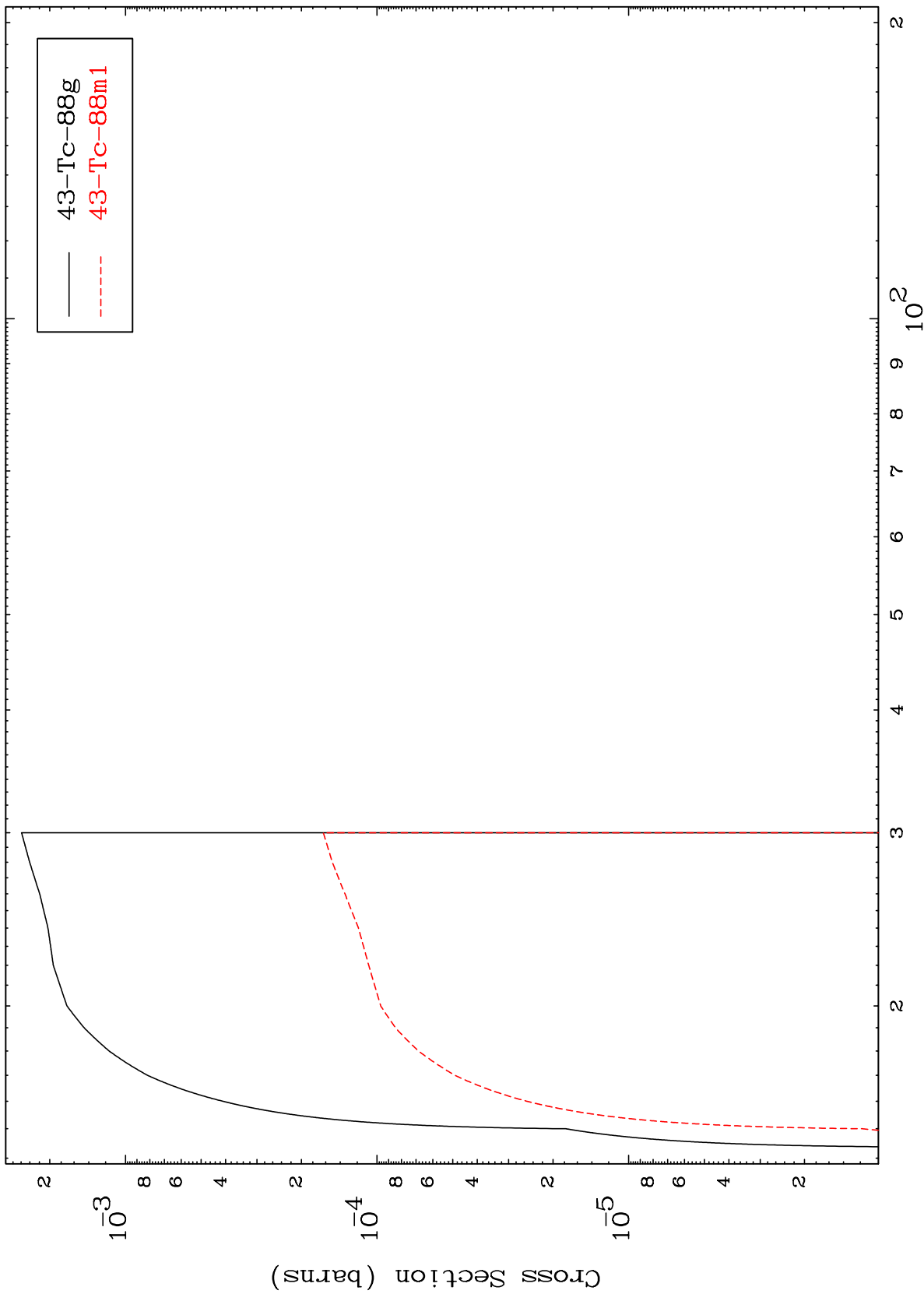
— 43-Tc-89g
- - - 43-Tc-89m1

42-Mo-88

Incident Energy (MeV)

12

(n,2n)
Radionuclide Production Cross Section

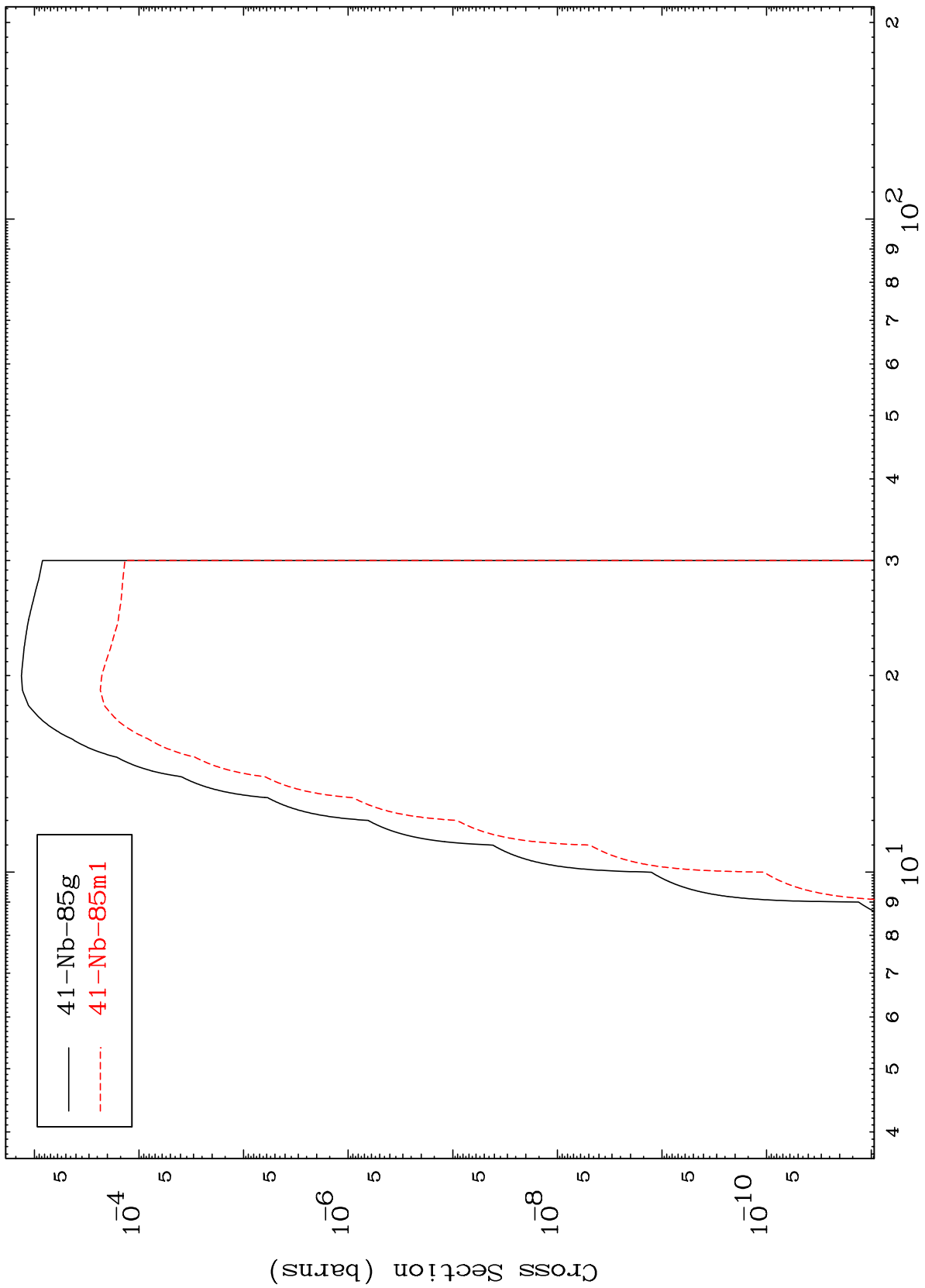


MAT 4213

(n,n') α

42-Mo-88

Radionuclide Production Cross Section



14

Incident Energy (MeV)

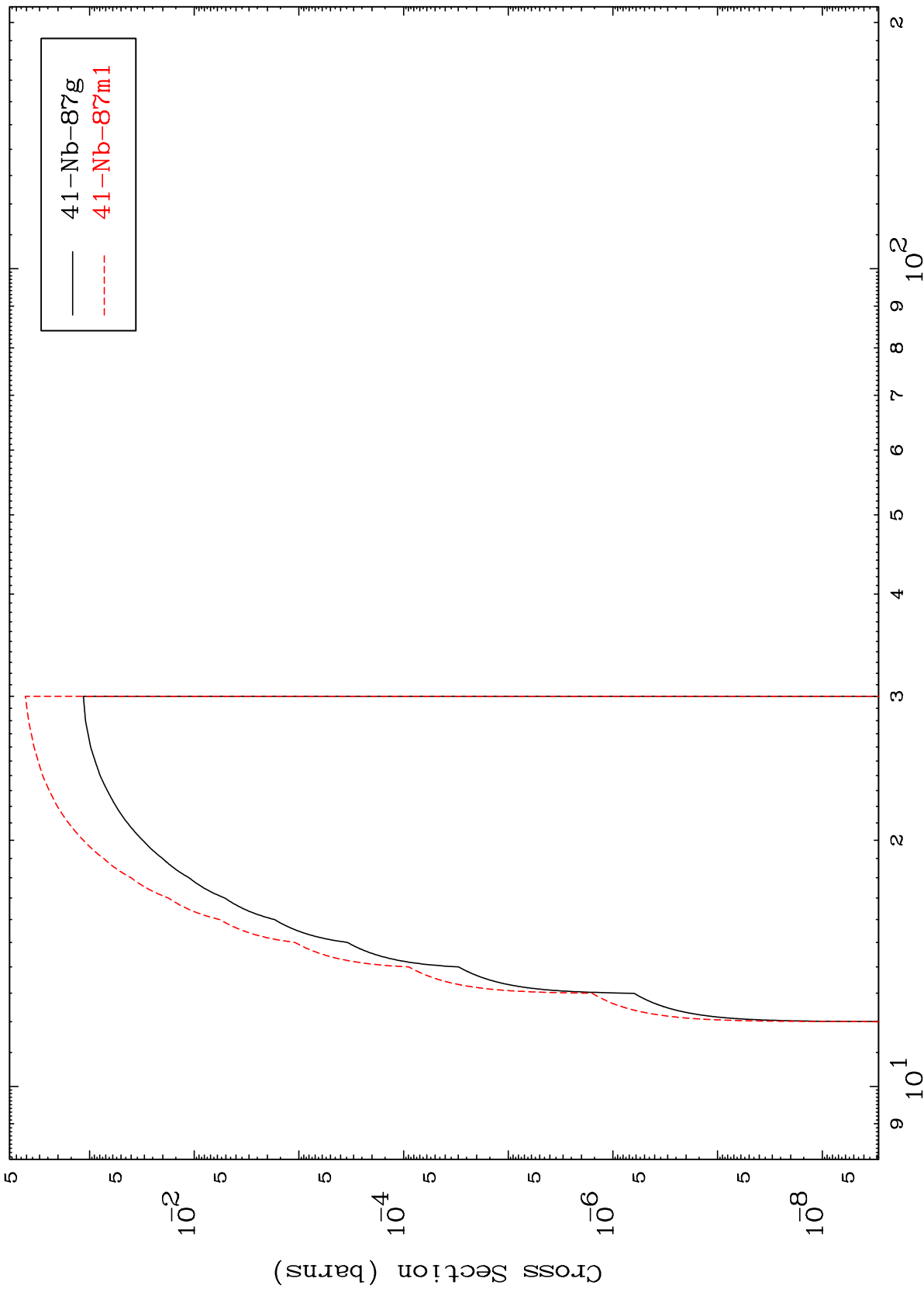
42-Mo-88

MAT 4213

(n,2n) p

42-Mo-88

Radionuclide Production Cross Section



15

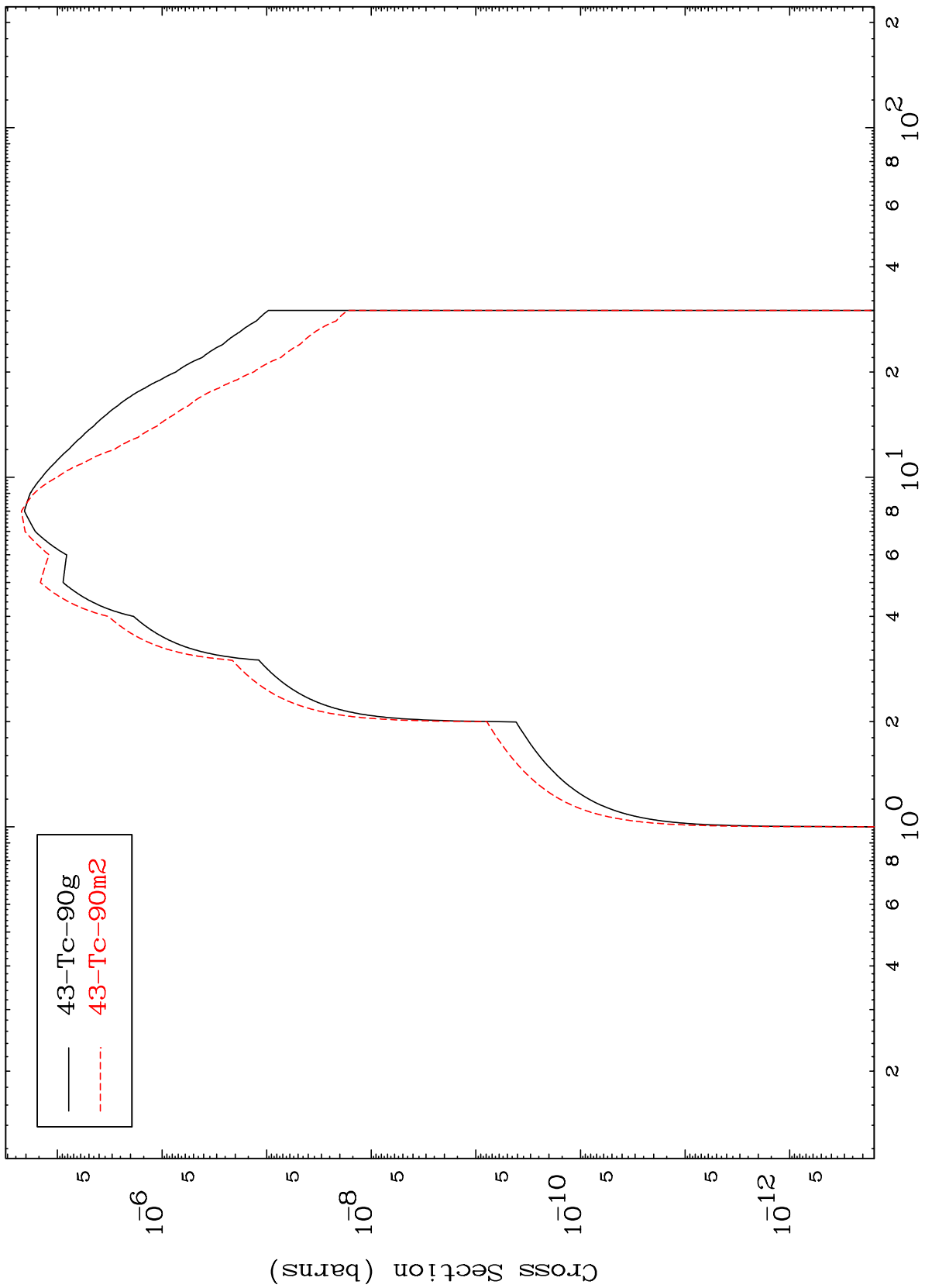
Incident Energy (MeV)

42-Mo-88

MAT 4213

42-Mo-88

Radionuclide Production Cross Section
(n, γ)



— 43-Tc-90g
- - - 43-Tc-90m2

16

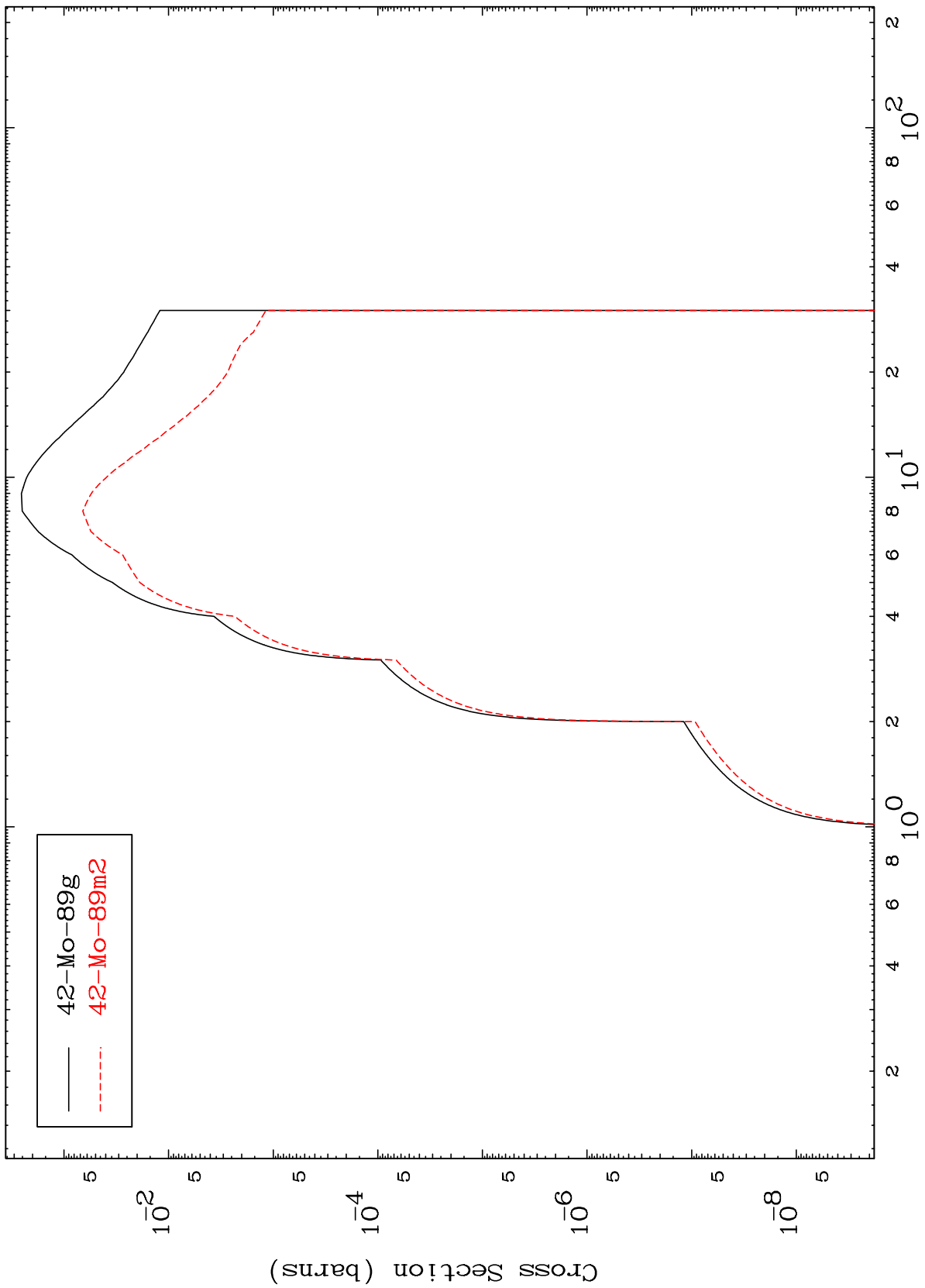
Incident Energy (MeV)

42-Mo-88

MAT 4213

42-Mo-88

Radionuclide Production Cross Section (n,p)



17

42-Mo-88

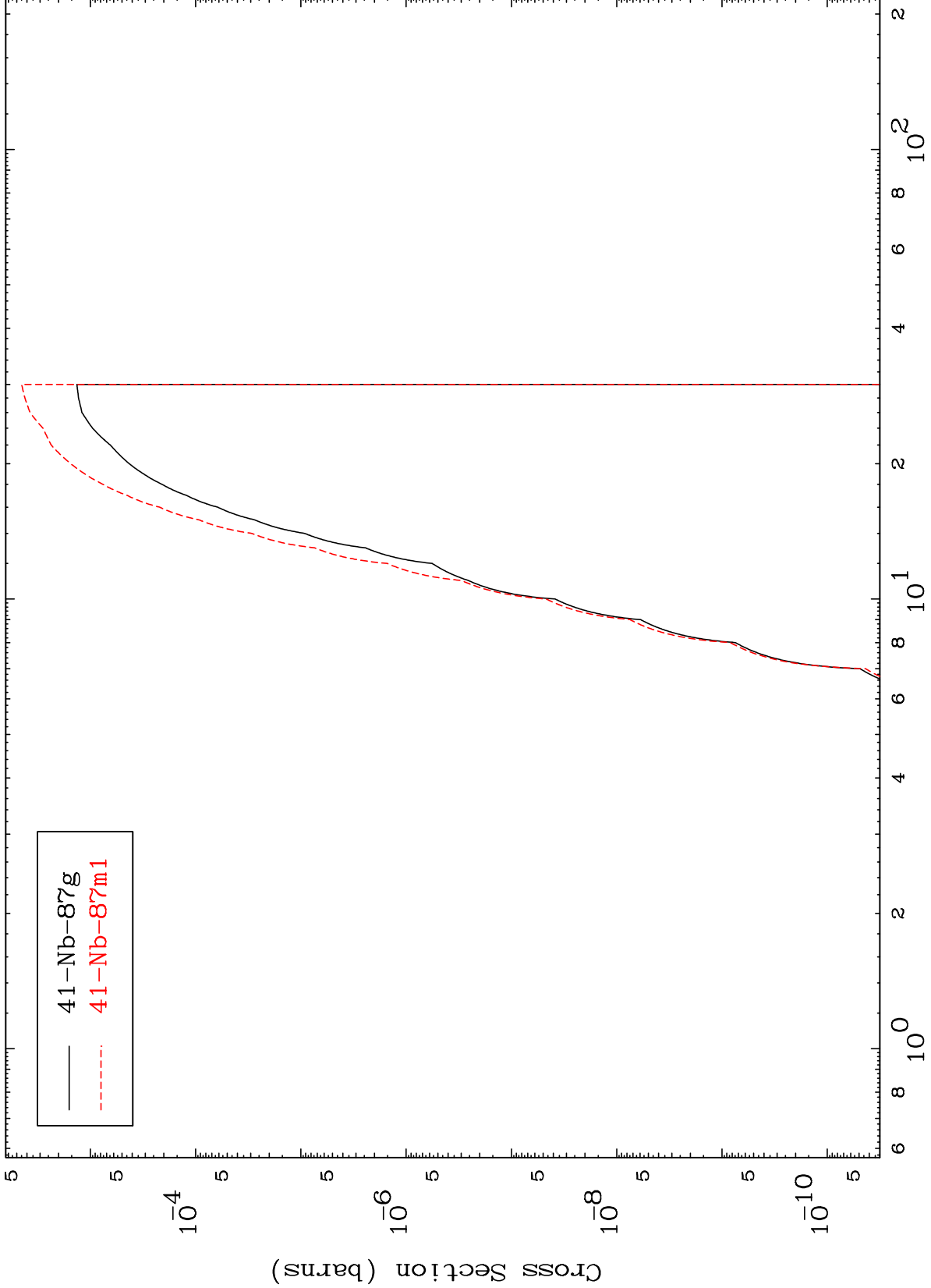
Incident Energy (MeV)

MAT 4213

(n,He-3)

42-Mo-88

Radionuclide Production Cross Section



41-Nb-87g
41-Nb-87m1

18

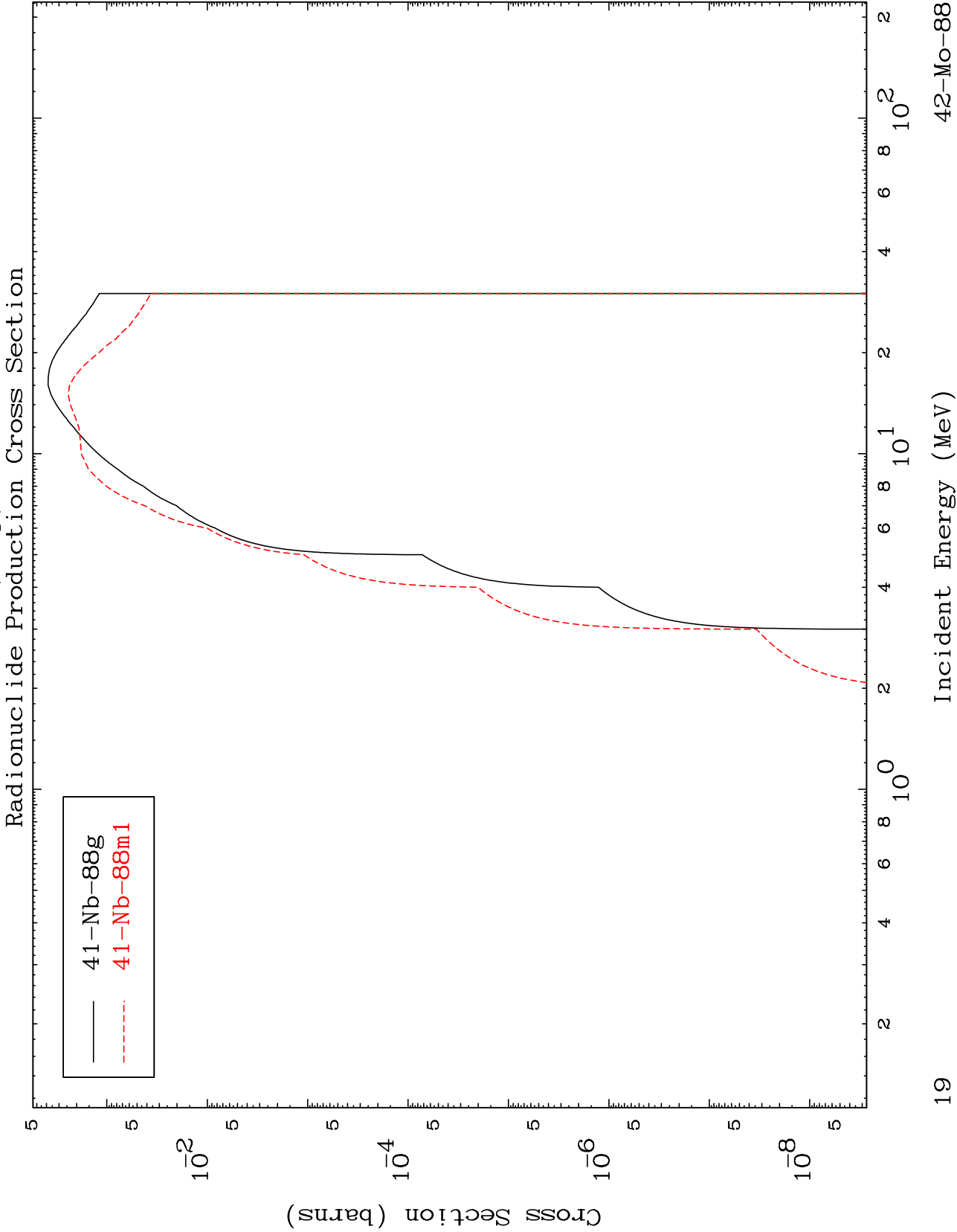
Incident Energy (MeV)

42-Mo-88

MAT 4213

(n,2p)

42-Mo-88

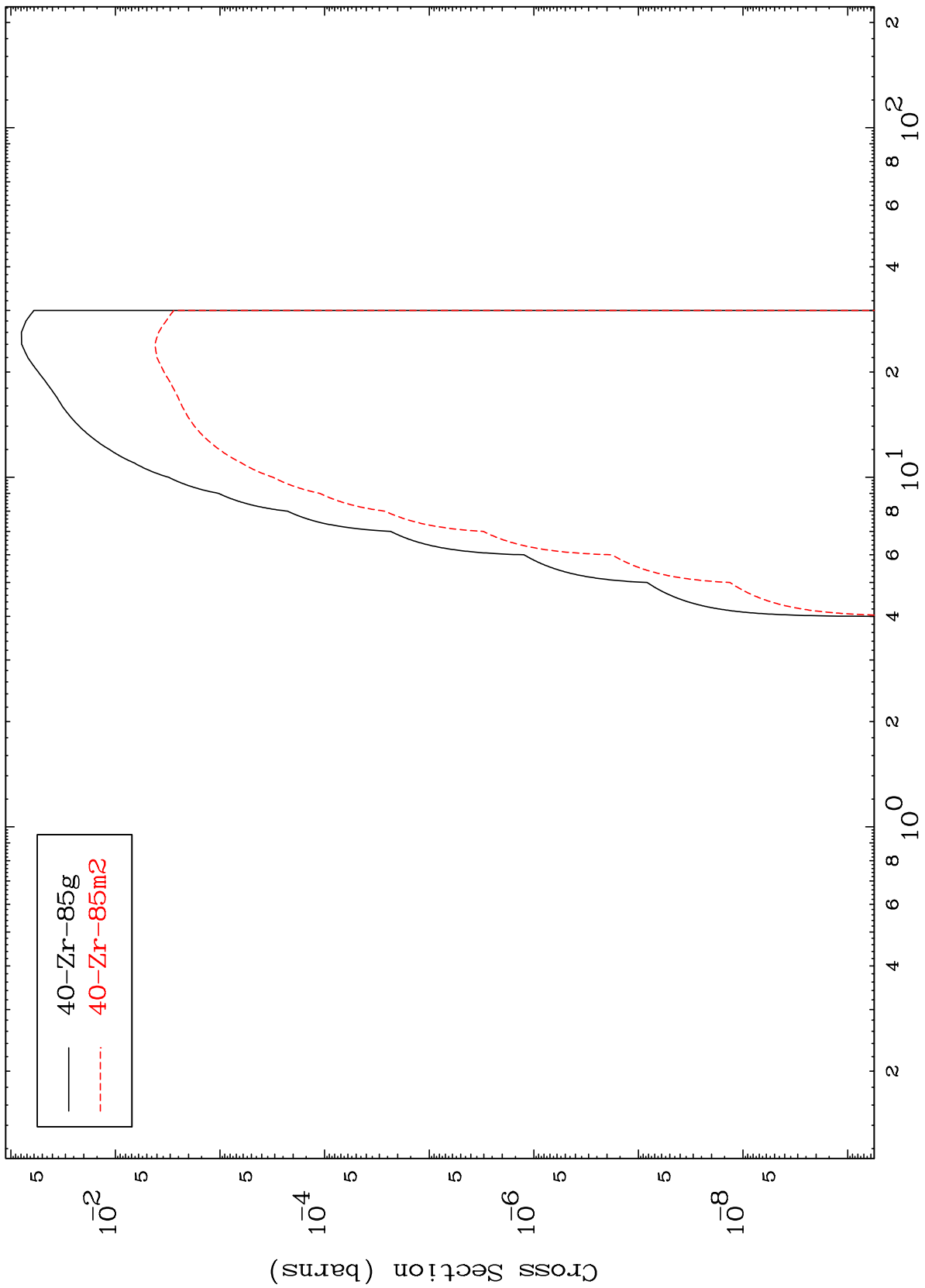


MAT 4213

(n,p) α

42-Mo-88

Radionuclide Production Cross Section



20

Incident Energy (MeV)

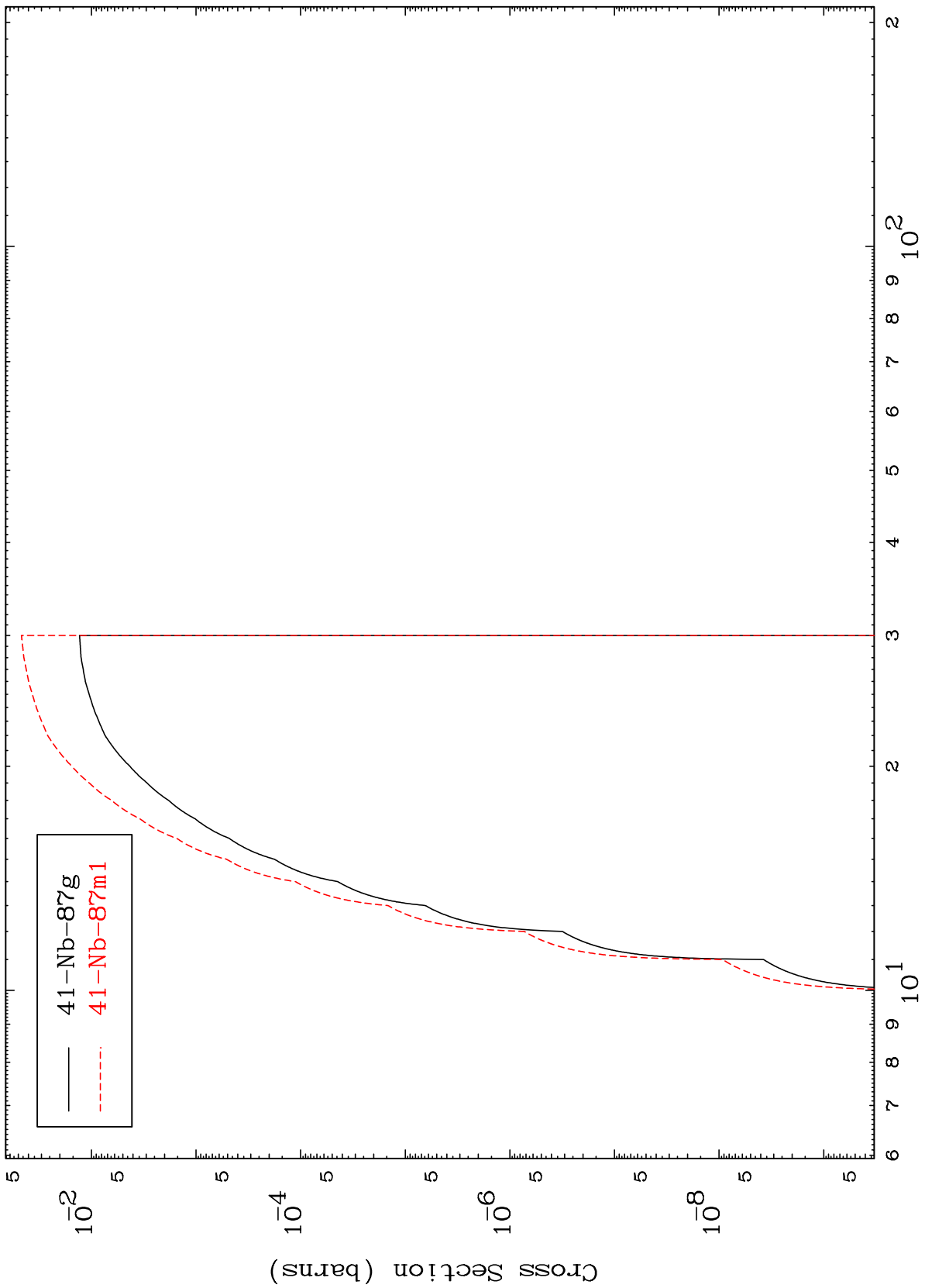
42-Mo-88

MAT 4213

(n,p) d

42-Mo-88

Radionuclide Production Cross Section



21

Incident Energy (MeV)

42-Mo-88