

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

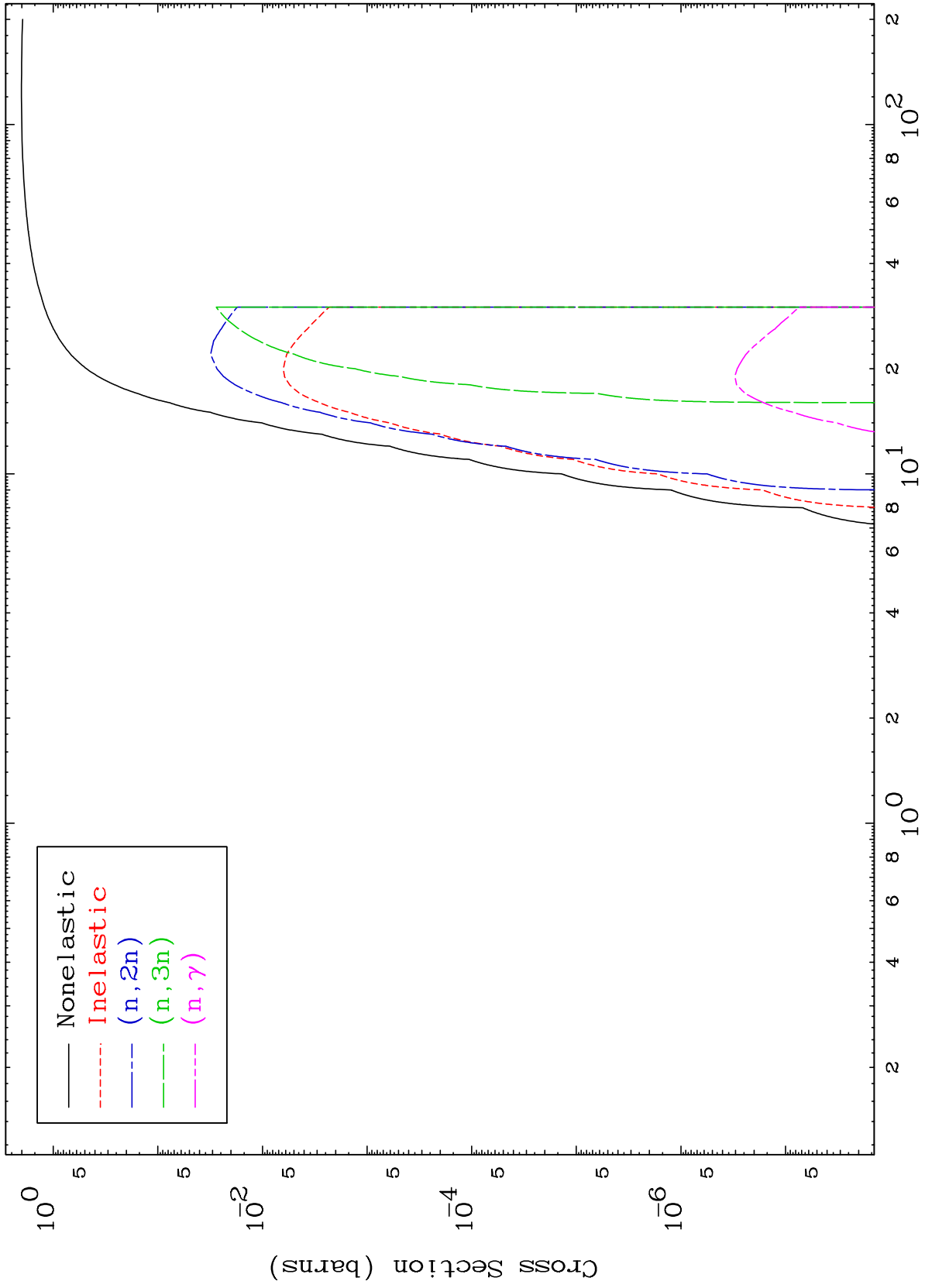
Press Mouse Button to Start

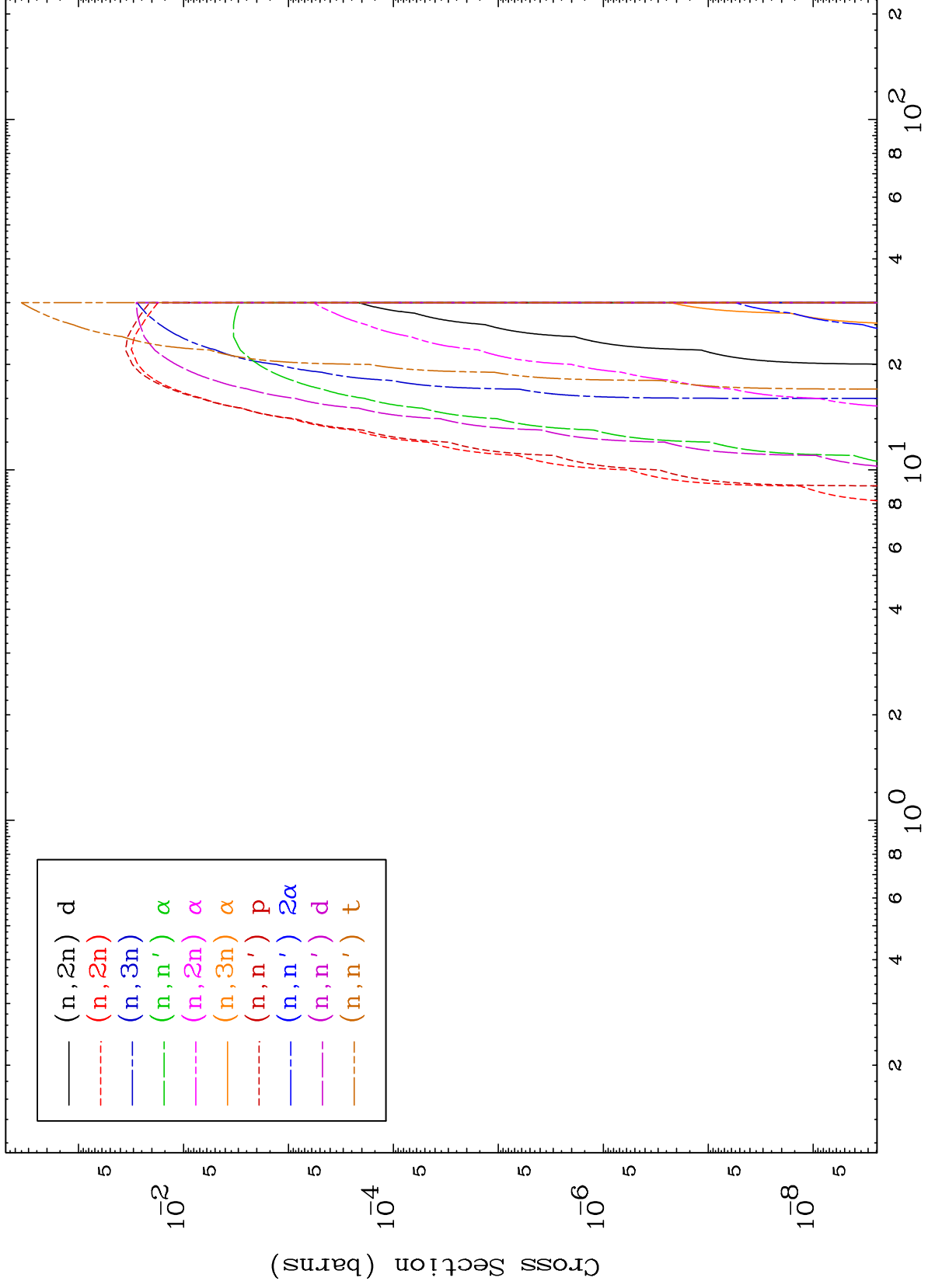
MAT 5828

He-3 Major

58-Ce-137

0 Kelvin Cross Sections

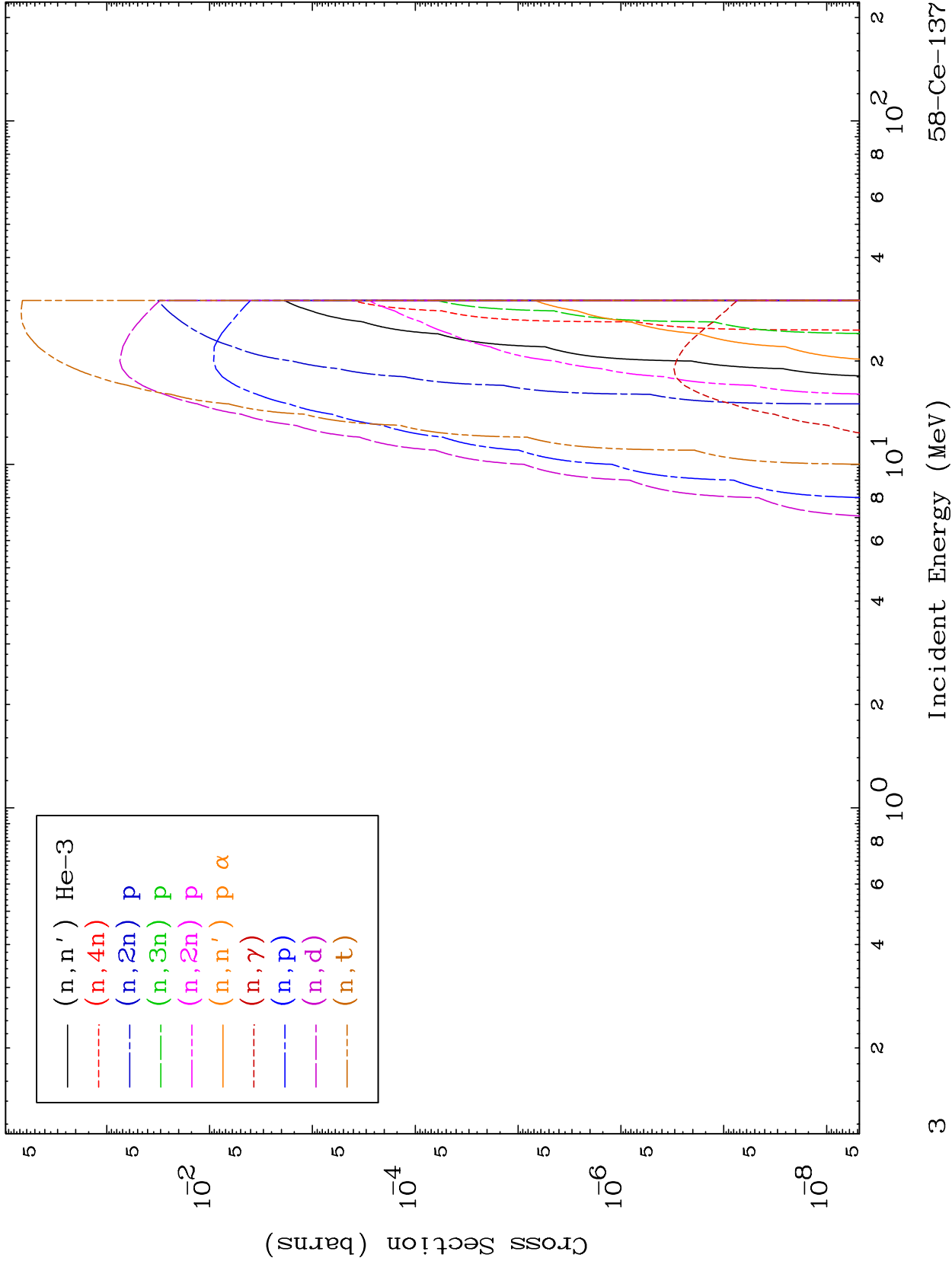




MAT 5828

He-3 Neutron Absorption
0 Kelvin Cross Sections

58-Ce-137



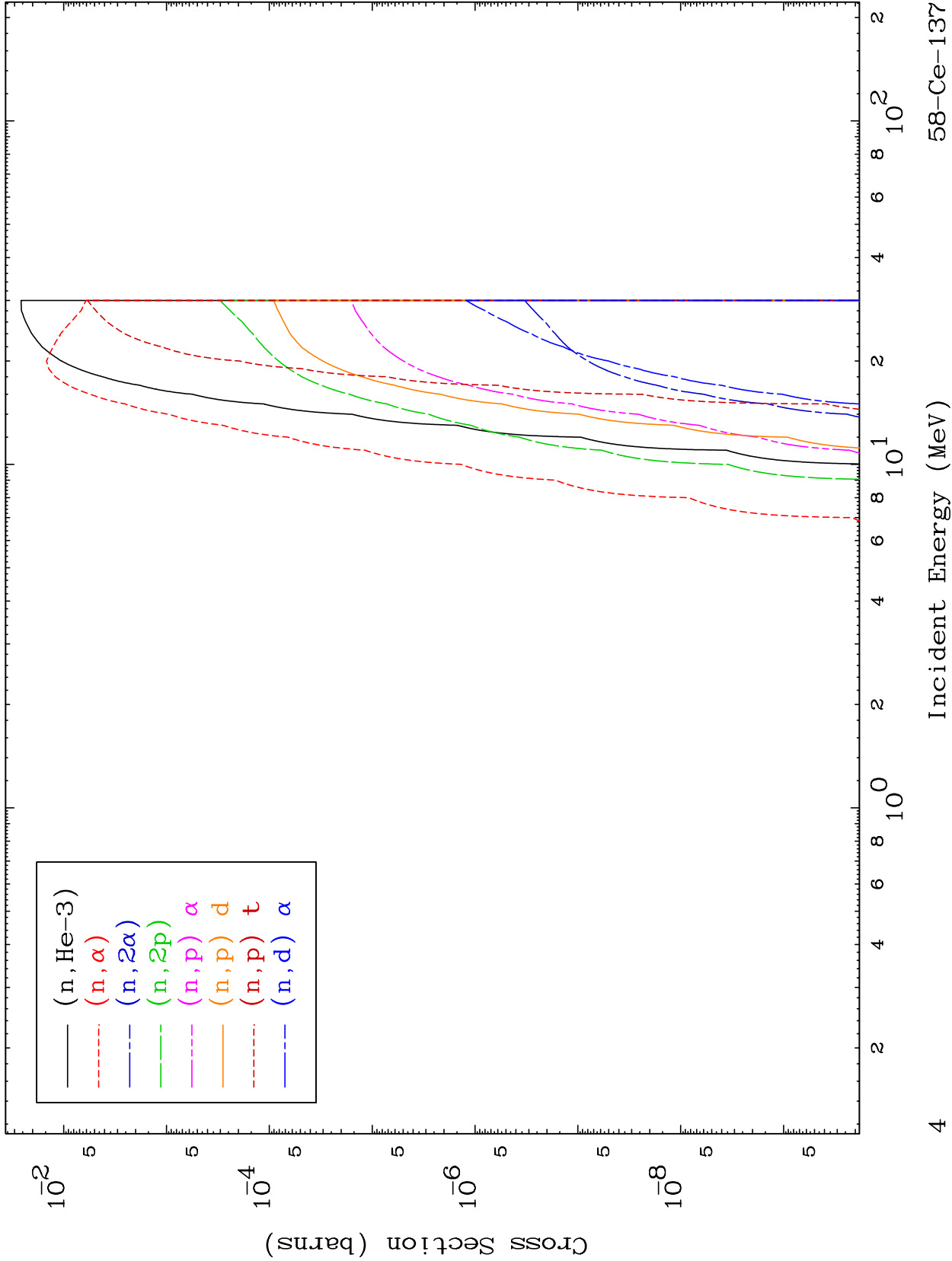
58-Ce-137

Incident Energy (MeV)

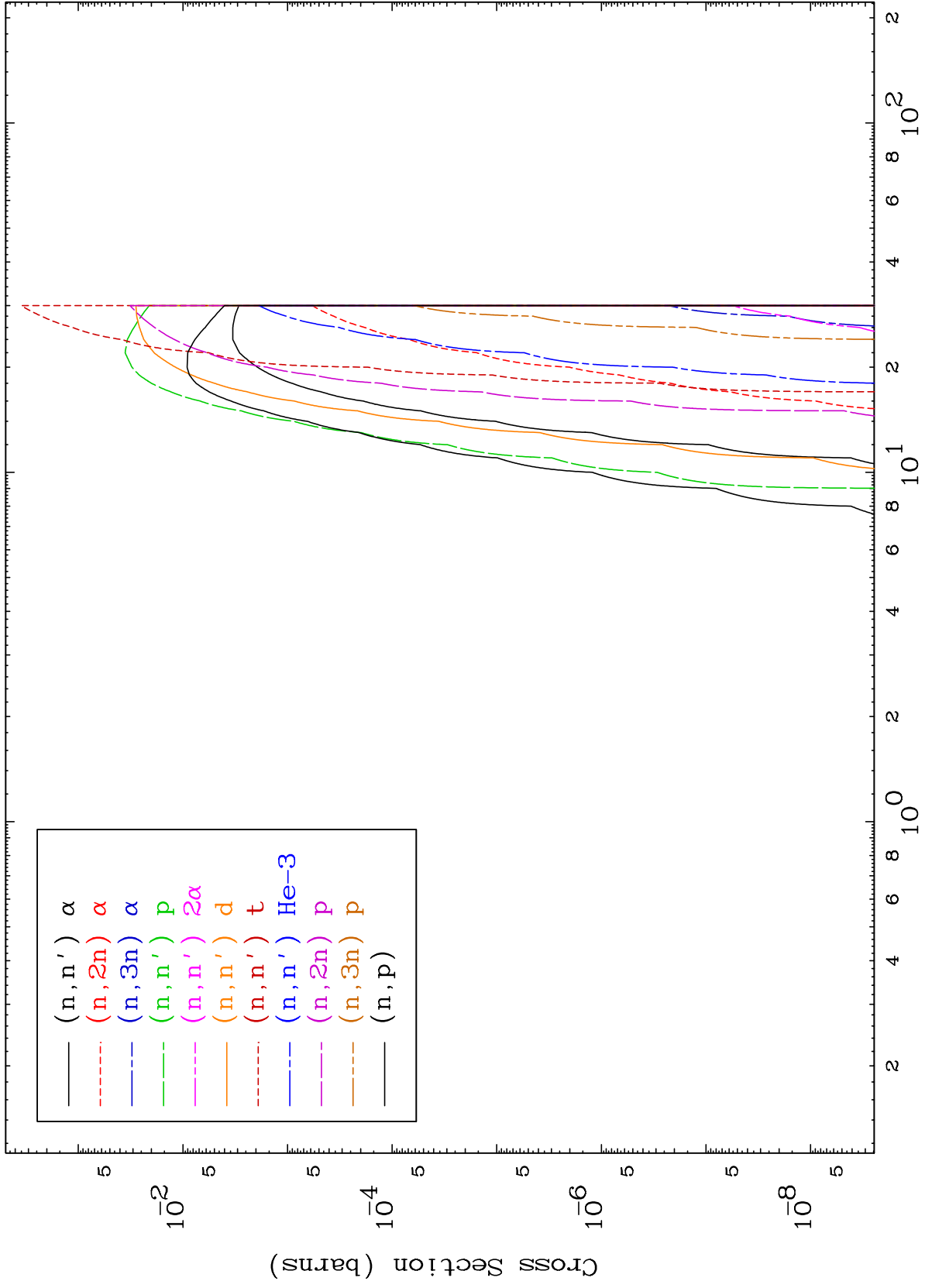
MAT 5828

He-3 Neutron Absorption
0 Kelvin Cross Sections

58-Ce-137



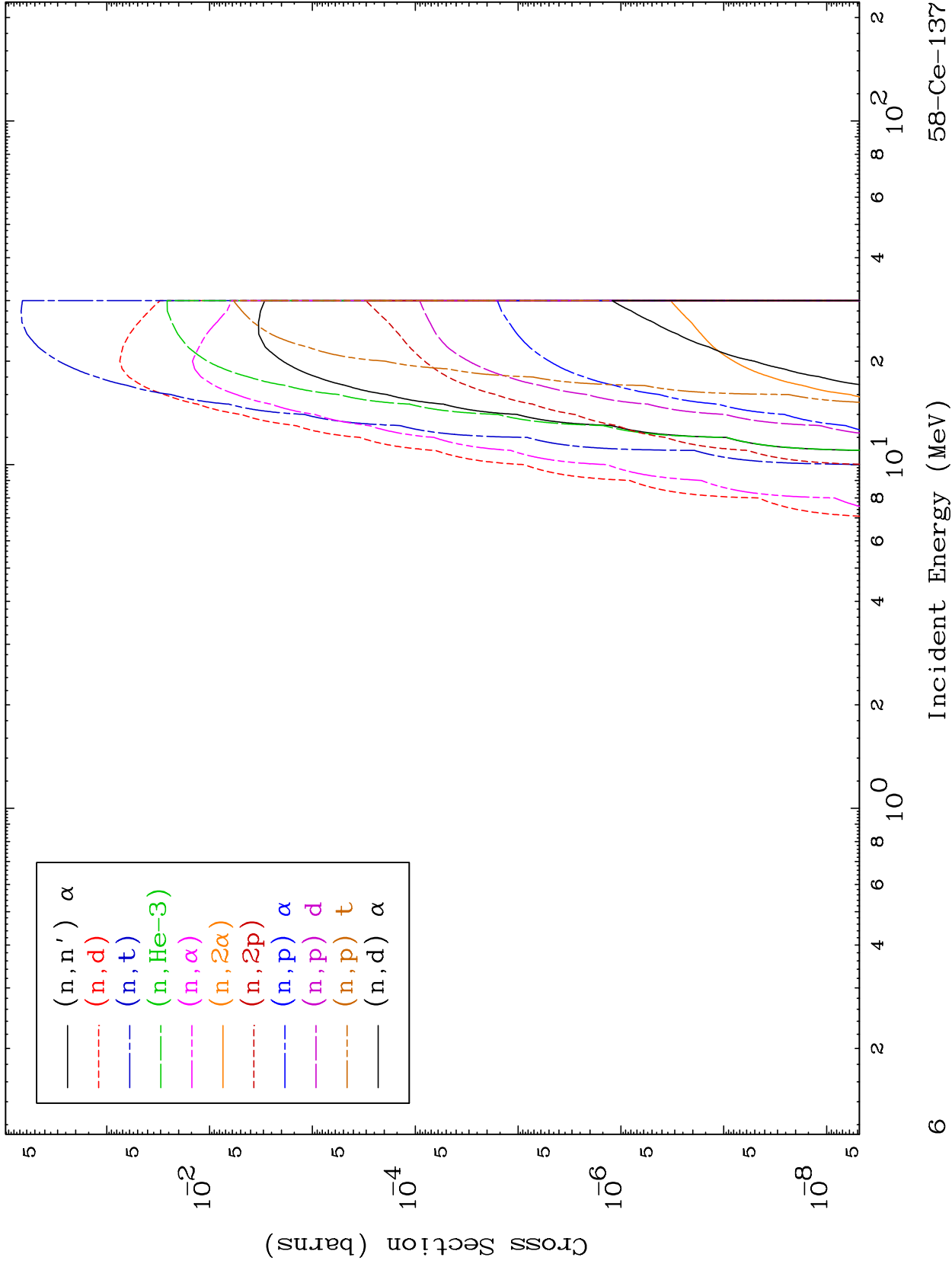
58-Ce-137



MAT 5828

He-3 Charged Particle
0 Kelvin Cross Sections

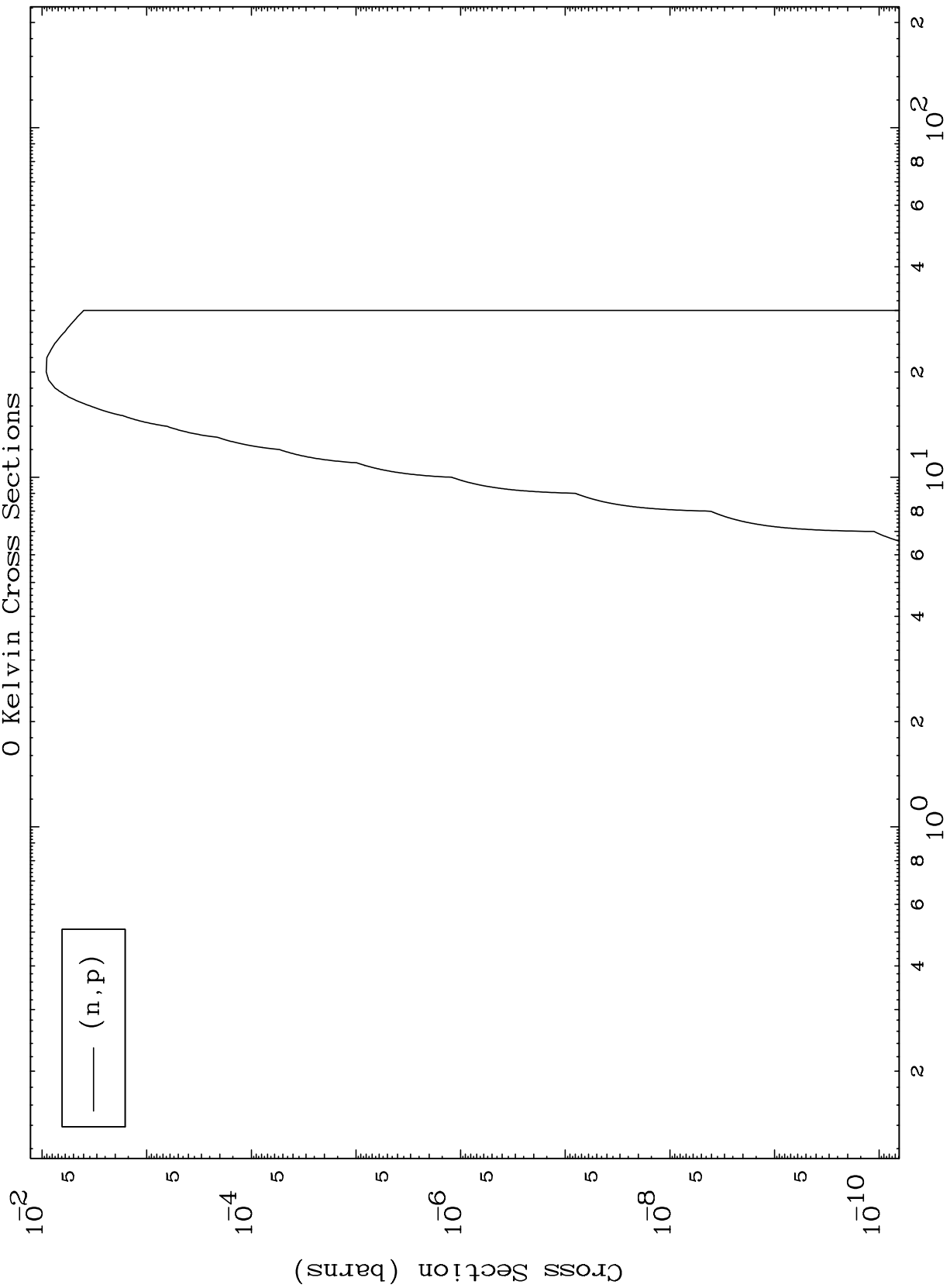
58-Ce-137



MAT 5828

58-Ce-137

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



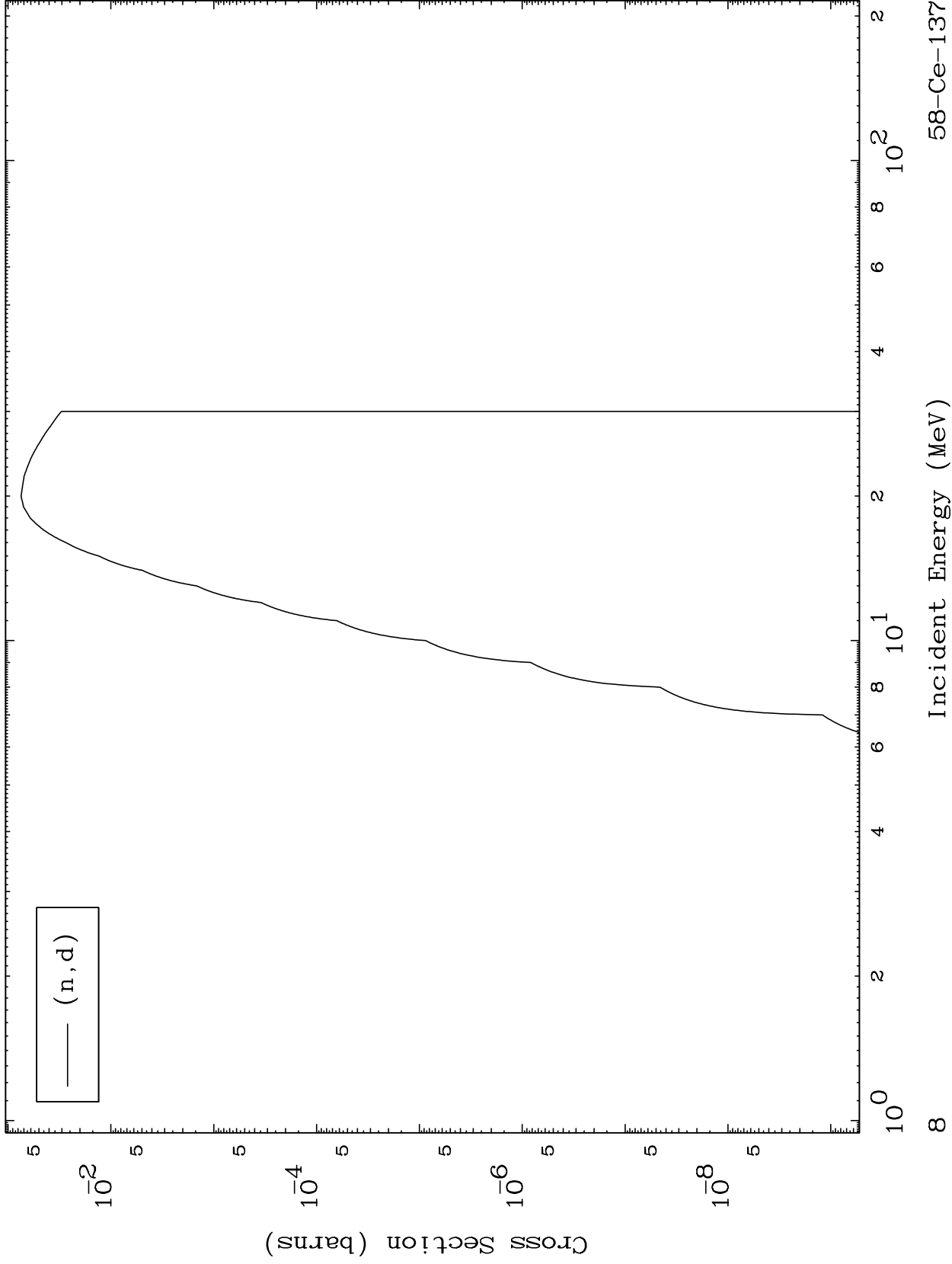
58-Ce-137

Incident Energy (MeV)

MAT 5828

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

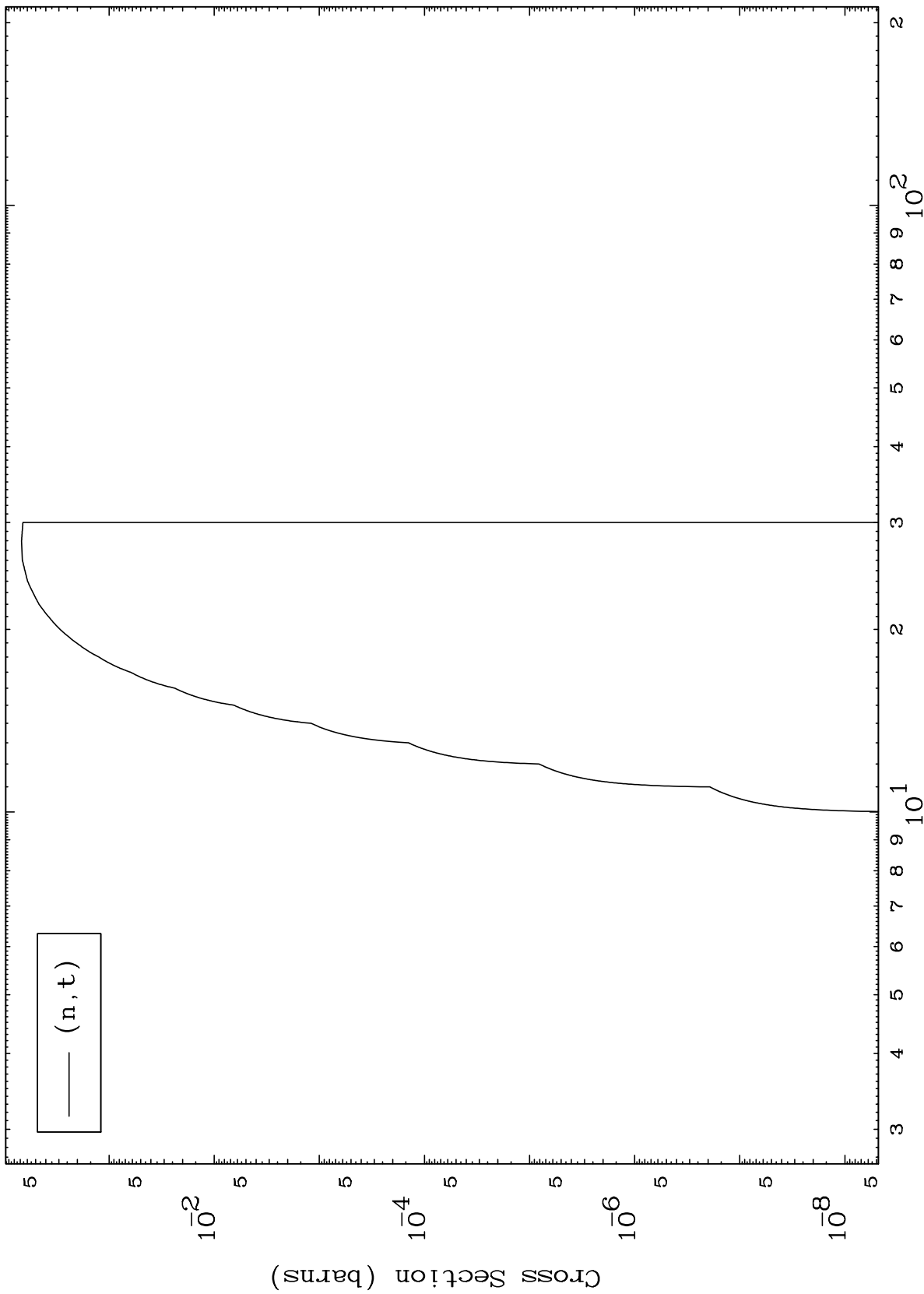
58-Ce-137



MAT 5828

58-Ce-137

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



58-Ce-137

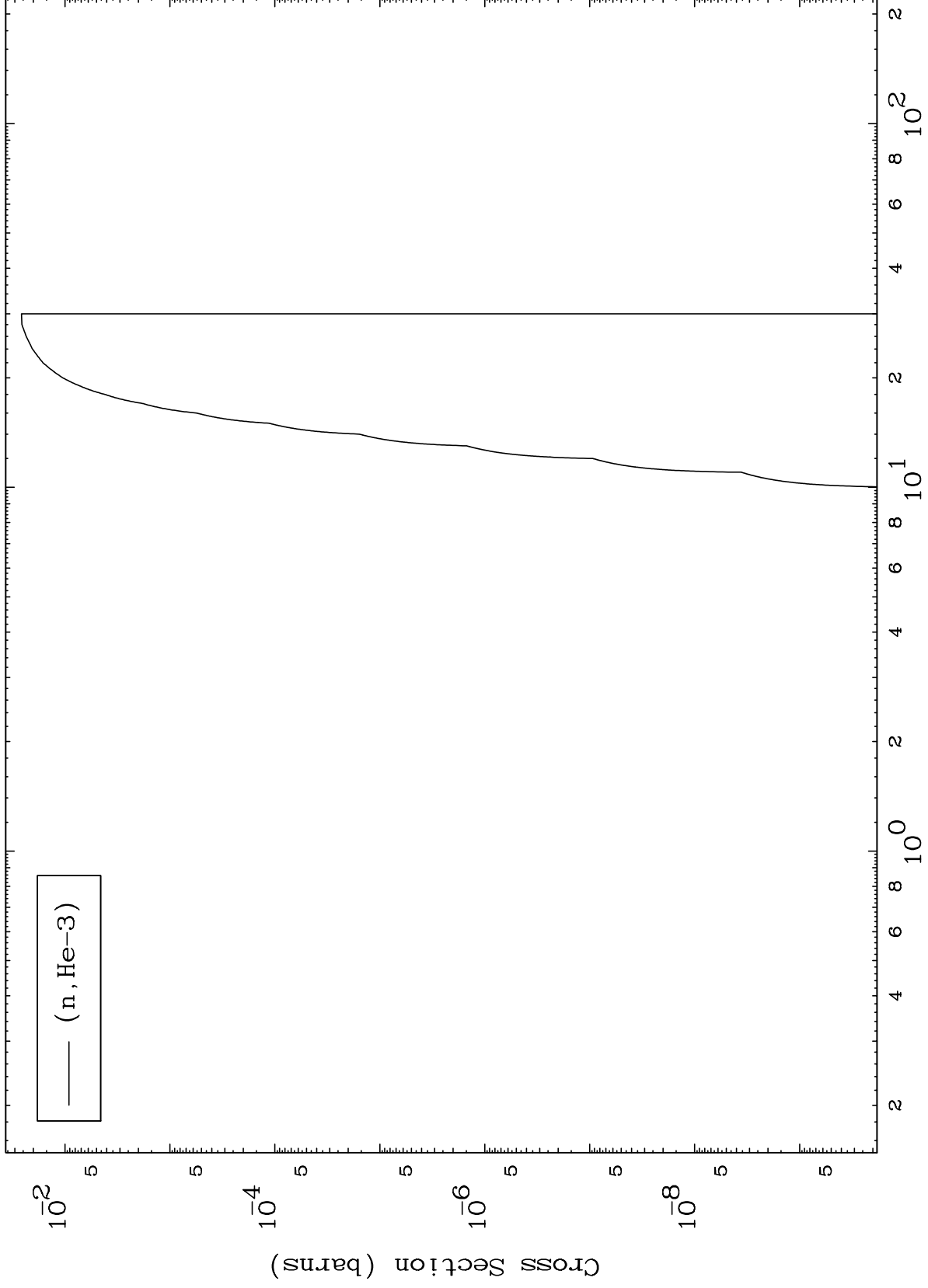
Incident Energy (MeV)

9

MAT 5828

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

58-Ce-137



10

Incident Energy (MeV)

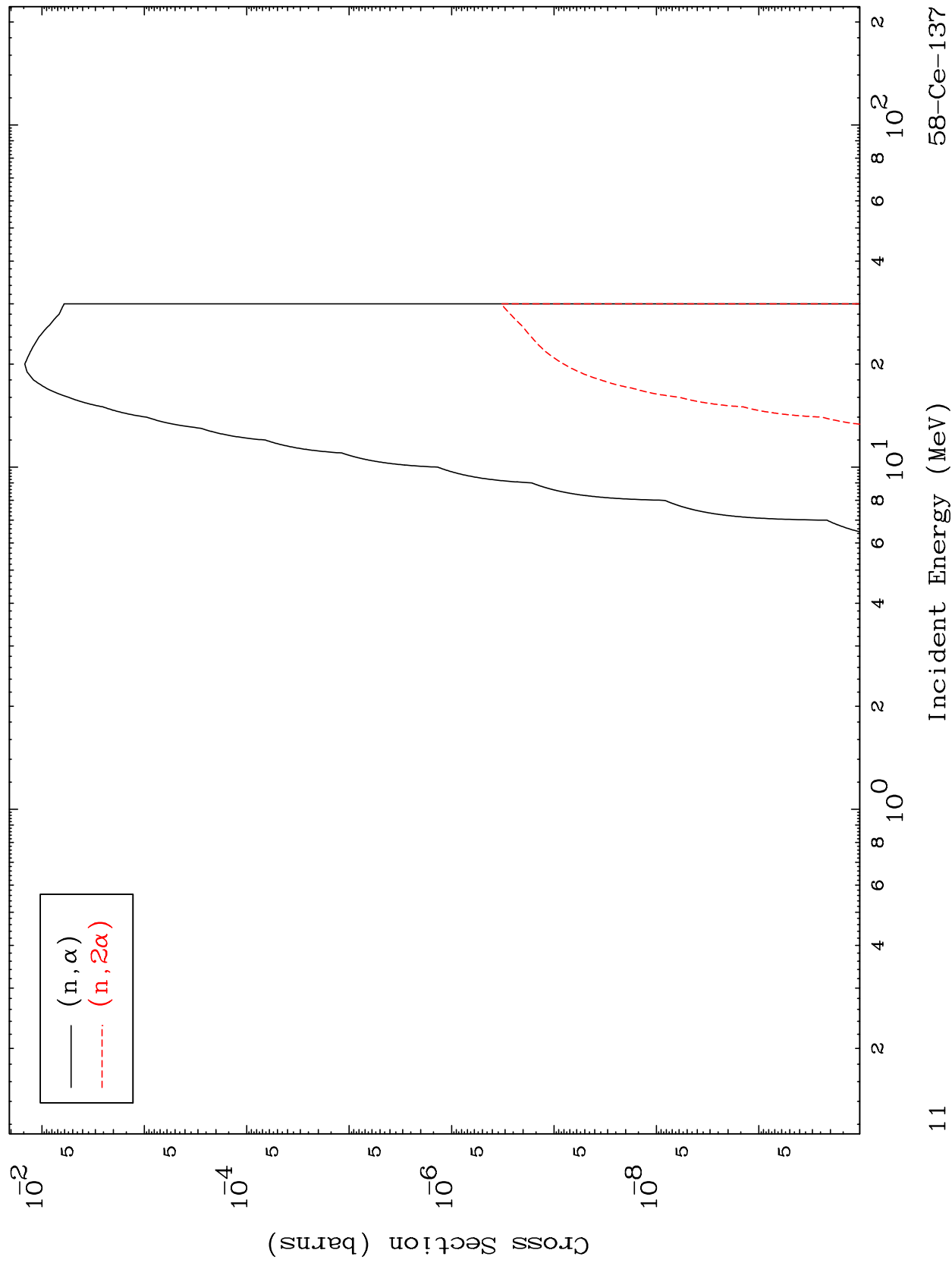
58-Ce-137

MAT 5828

(He-3, α) Levels

58-Ce-137

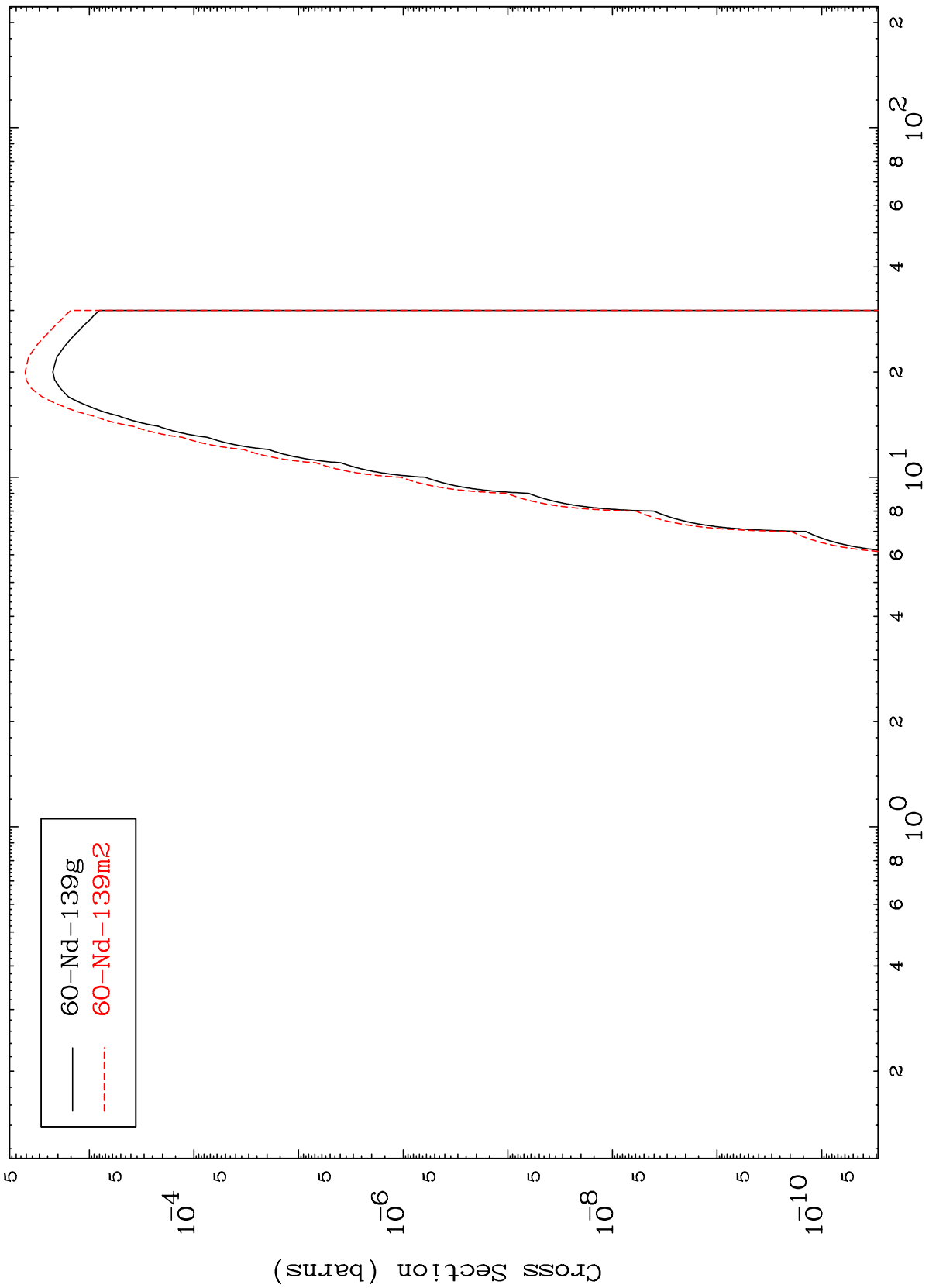
0 Kelvin Cross Sections



MAT 5828

58-Ce-137

Inelastic
Radionuclide Production Cross Section

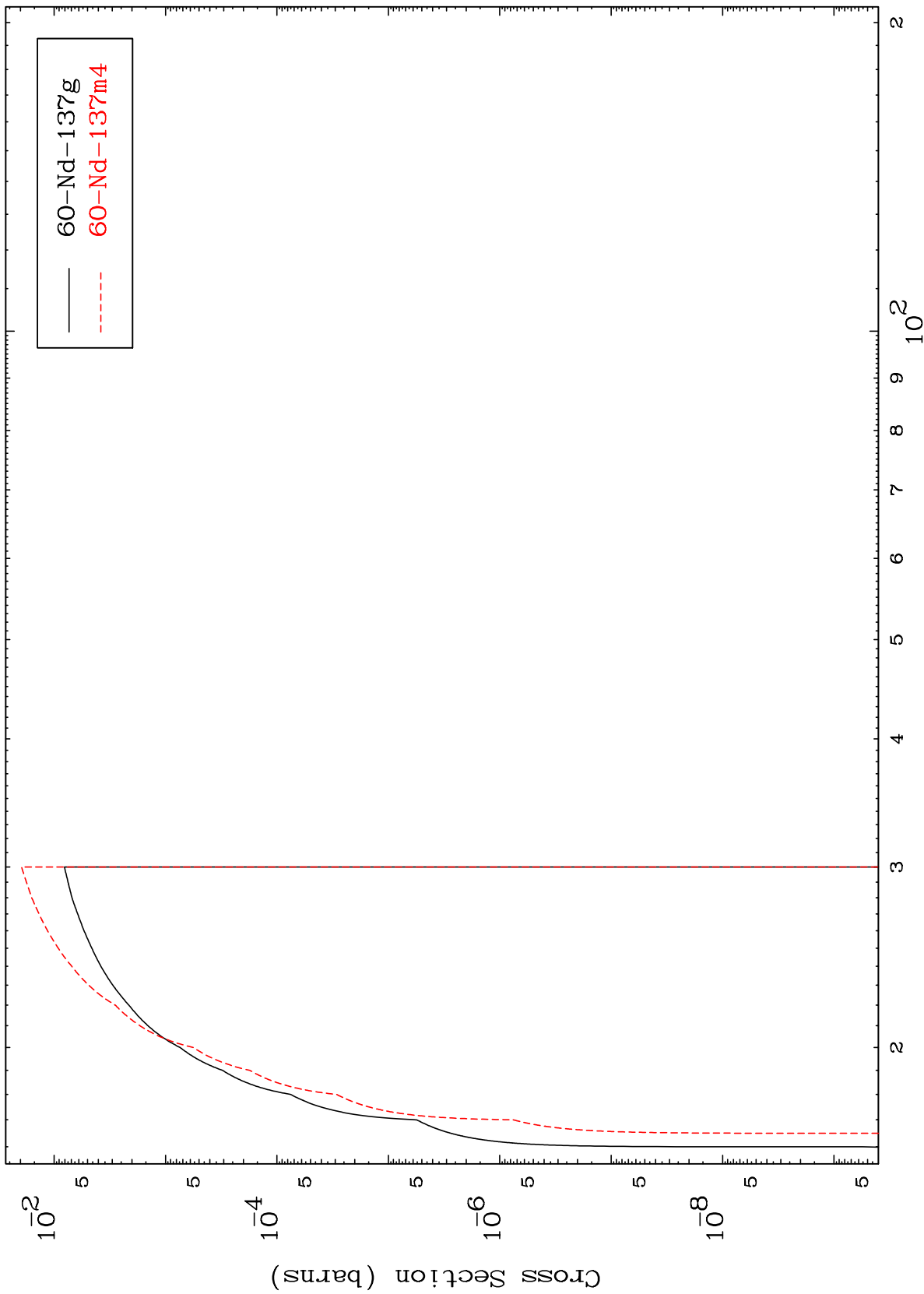


58-Ce-137

Incident Energy (MeV)

12

(n,3n)
Radionuclide Production Cross Section

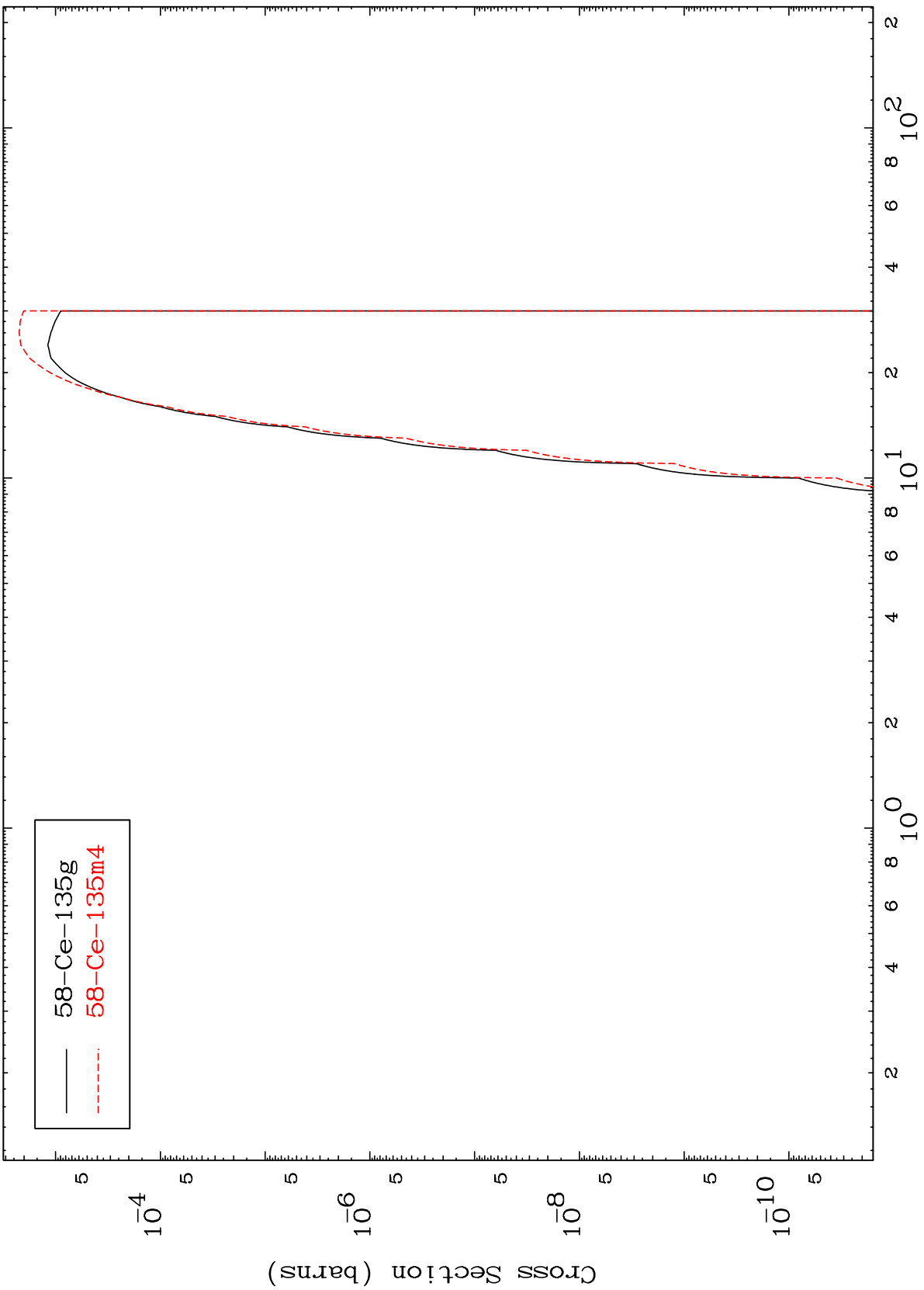


MAT 5828

(n,n') α

58-Ce-137

Radionuclide Production Cross Section

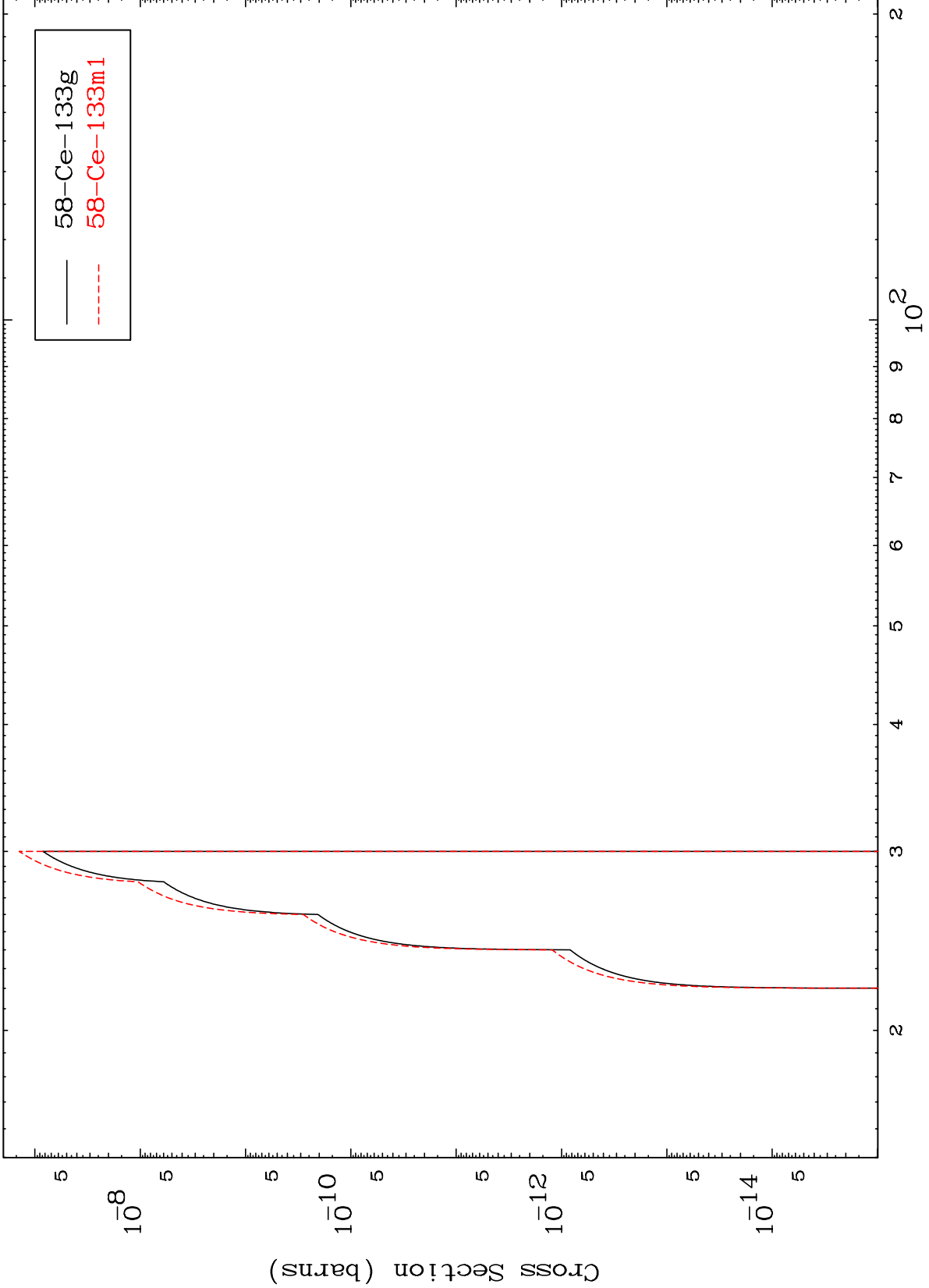


MAT 5828

(n,3n) α

58-Ce-137

Radionuclide Production Cross Section



15

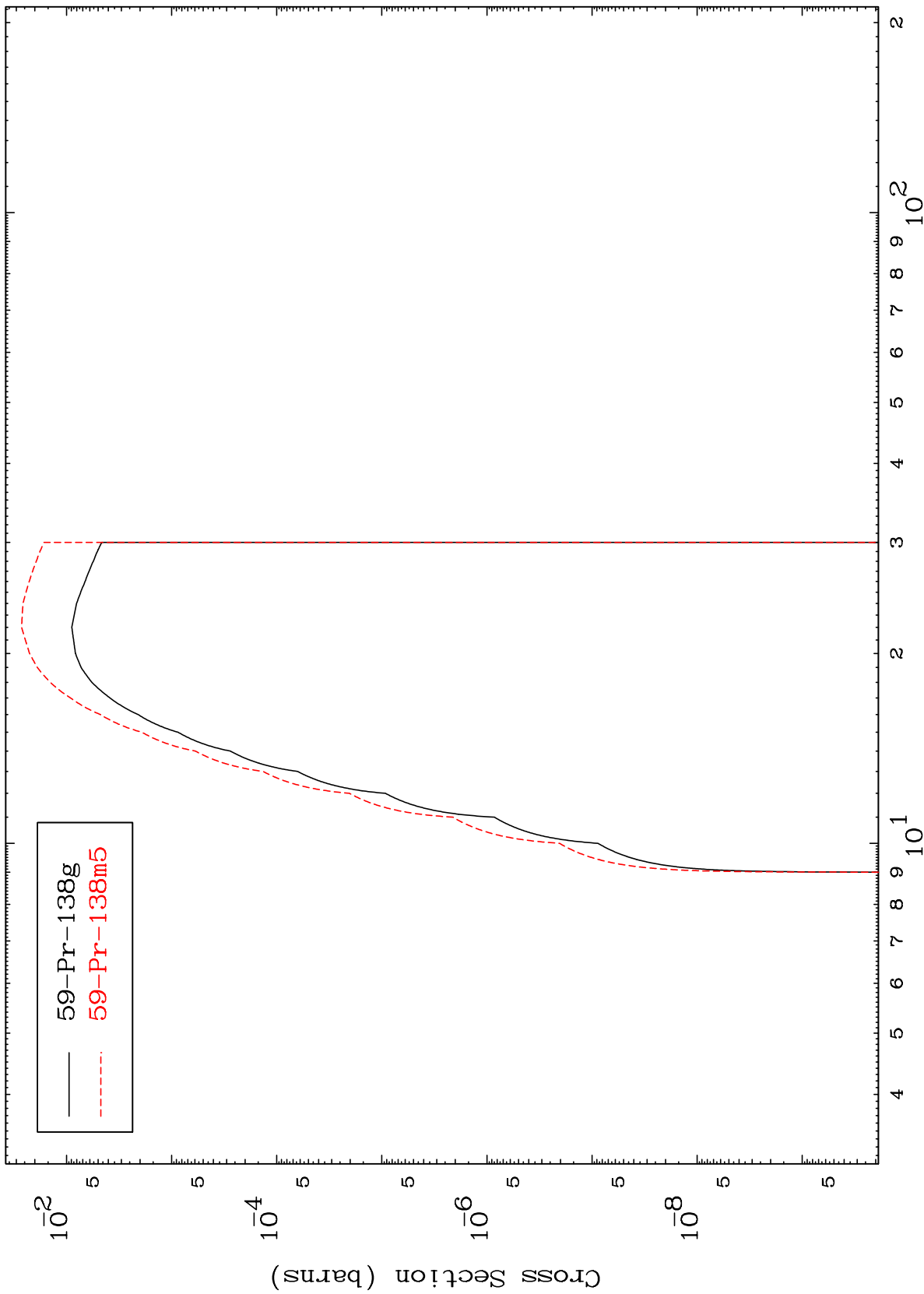
Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

(n,n') p
Radionuclide Production Cross Section



58-Ce-137

Incident Energy (MeV)

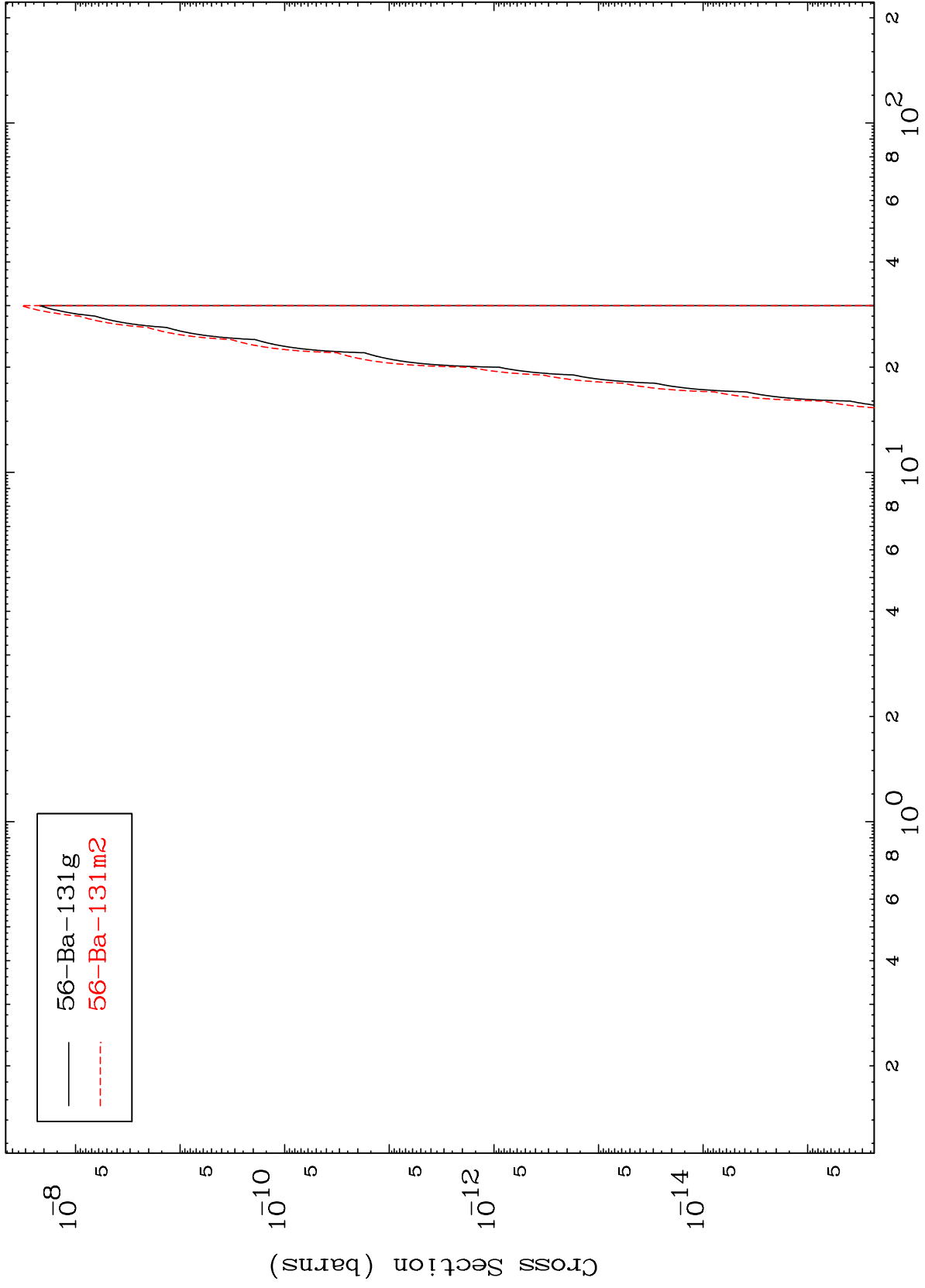
16

MAT 5828

(n,n') 2 α

58-Ce-137

Radionuclide Production Cross Section

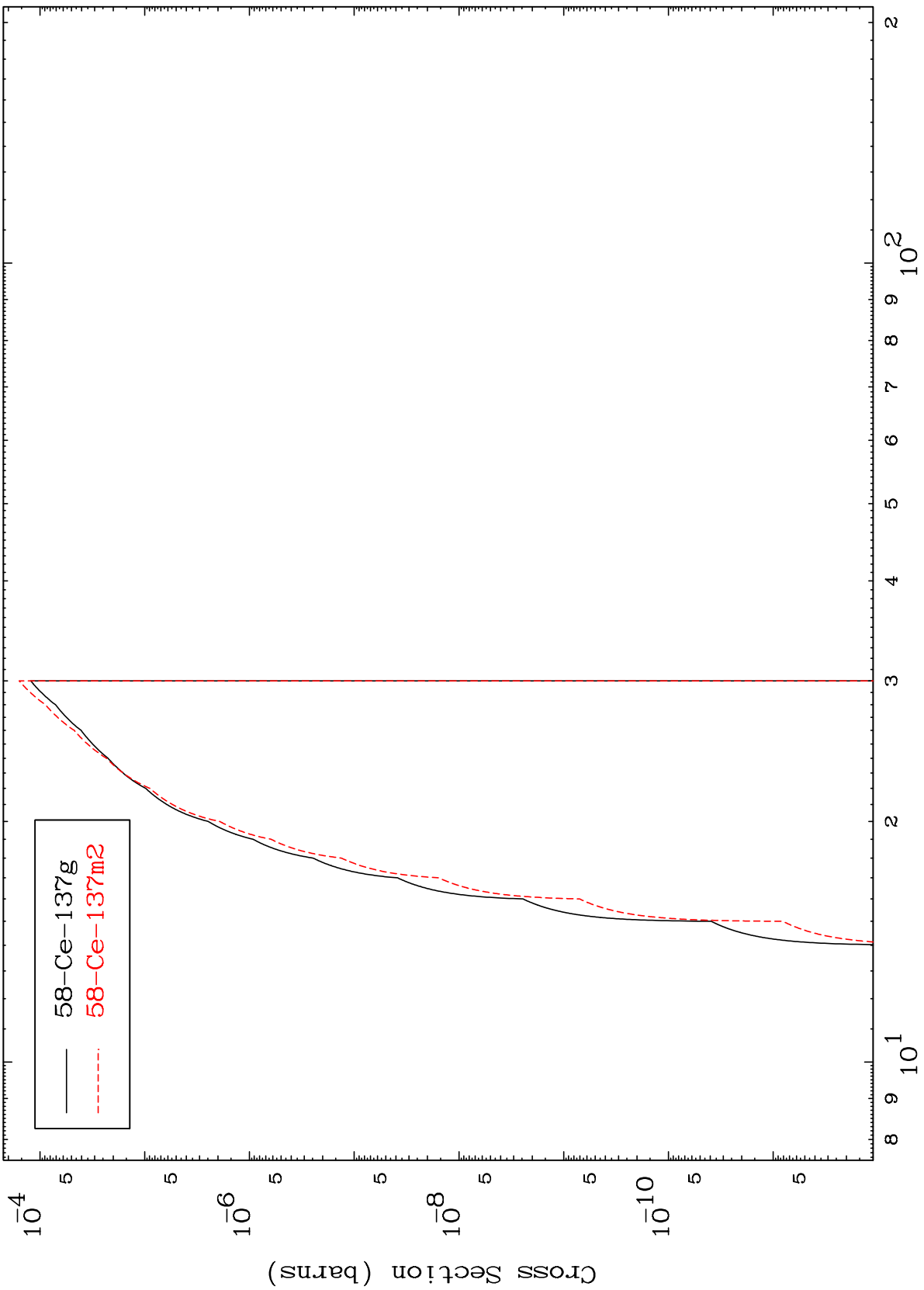


MAT 5828

(n,2n) p

58-Ce-137

Radionuclide Production Cross Section



18

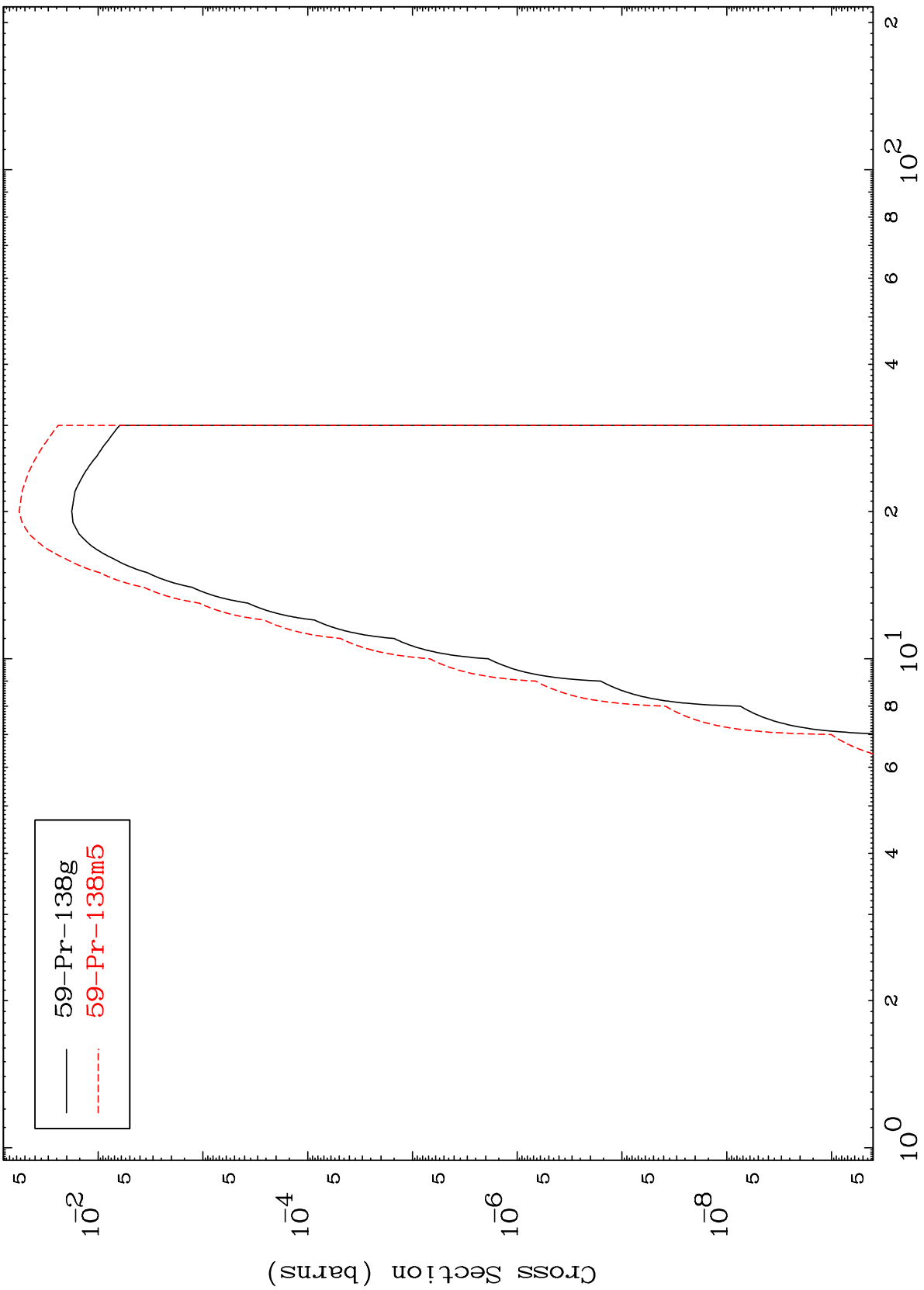
Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

(n,d)
Radionuclide Production Cross Section



— 59-Pr-138g
- - - 59-Pr-138m5

58-Ce-137

Incident Energy (MeV)

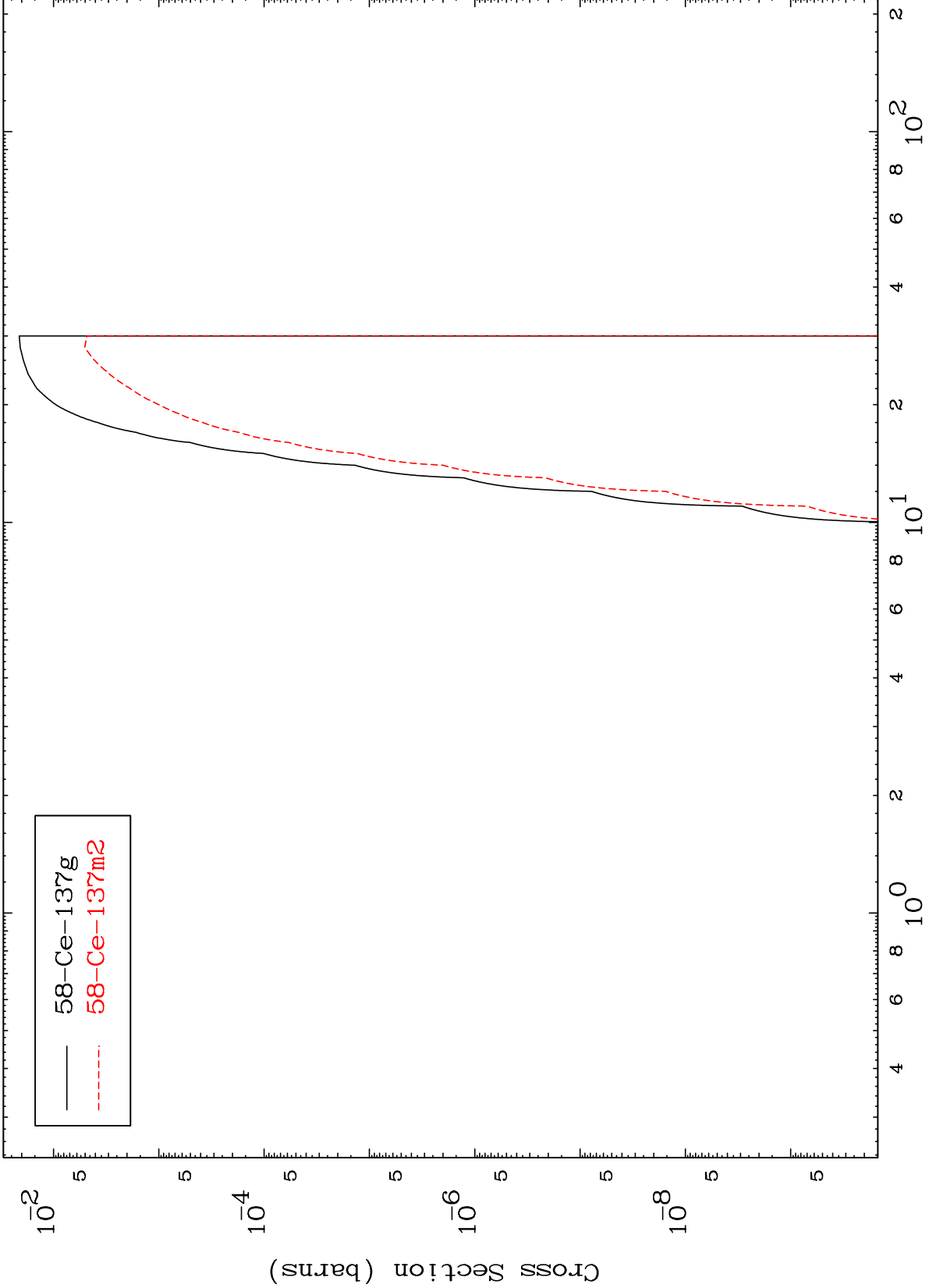
19

MAT 5828

(n,He-3)

58-Ce-137

Radionuclide Production Cross Section



58-Ce-137g
58-Ce-137m2

MAT 5828

(n,p) d

58-Ce-137

Radionuclide Production Cross Section

