

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

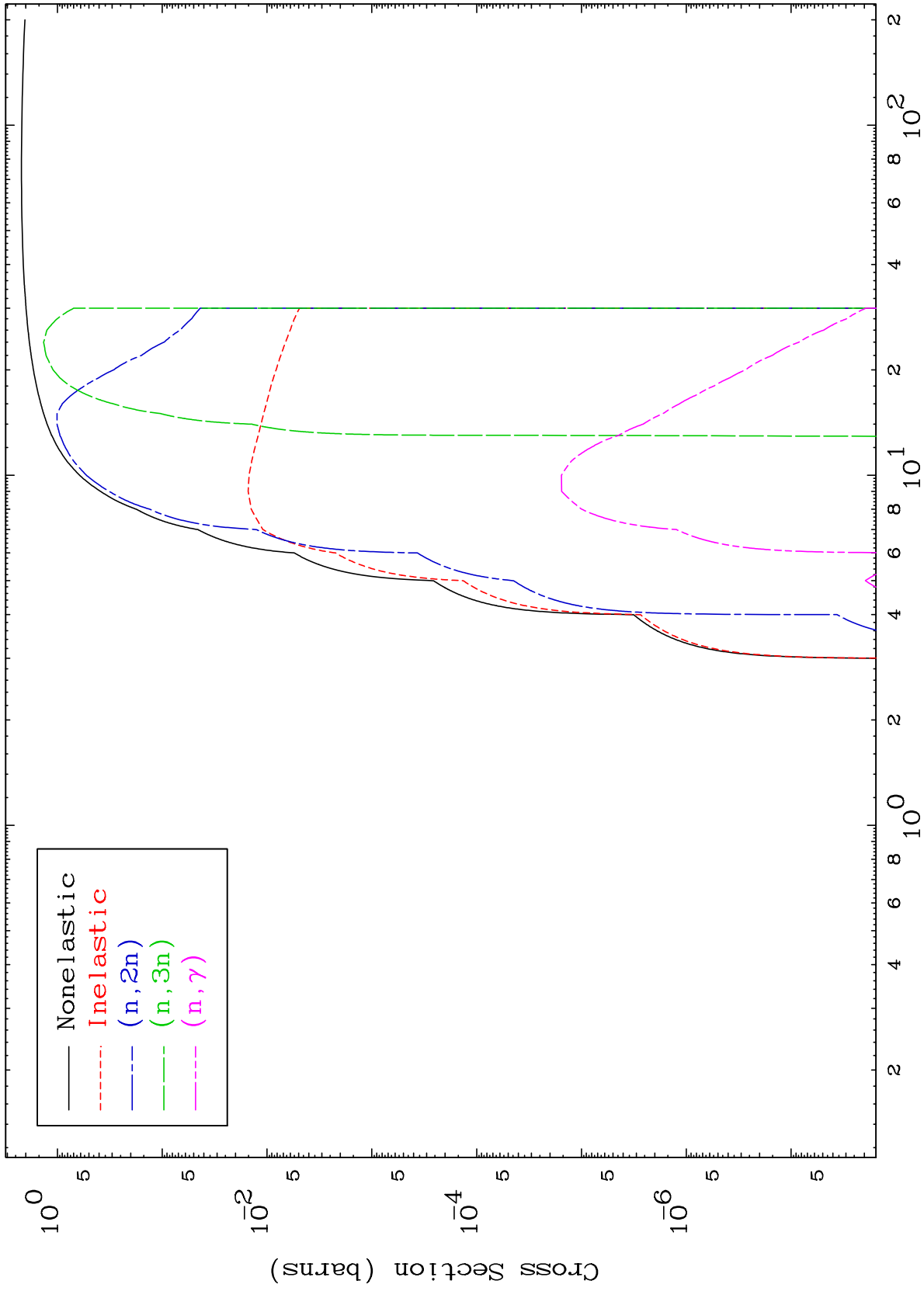
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5837

Triton Major
0 Kelvin Cross Sections

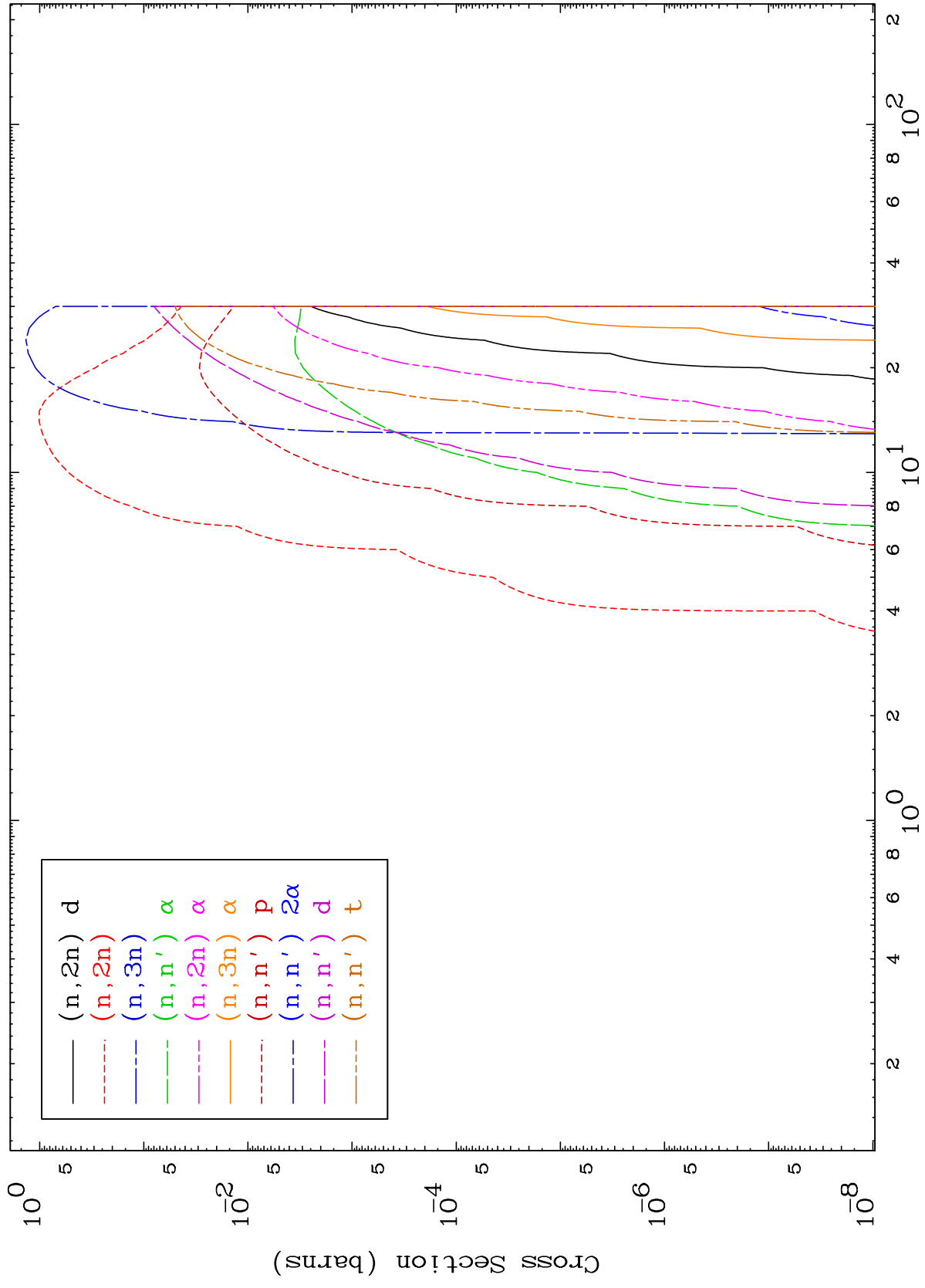
58-Ce-140



MAT 5837

Triton Neutron Absorption
0 Kelvin Cross Sections

58-Ce-140

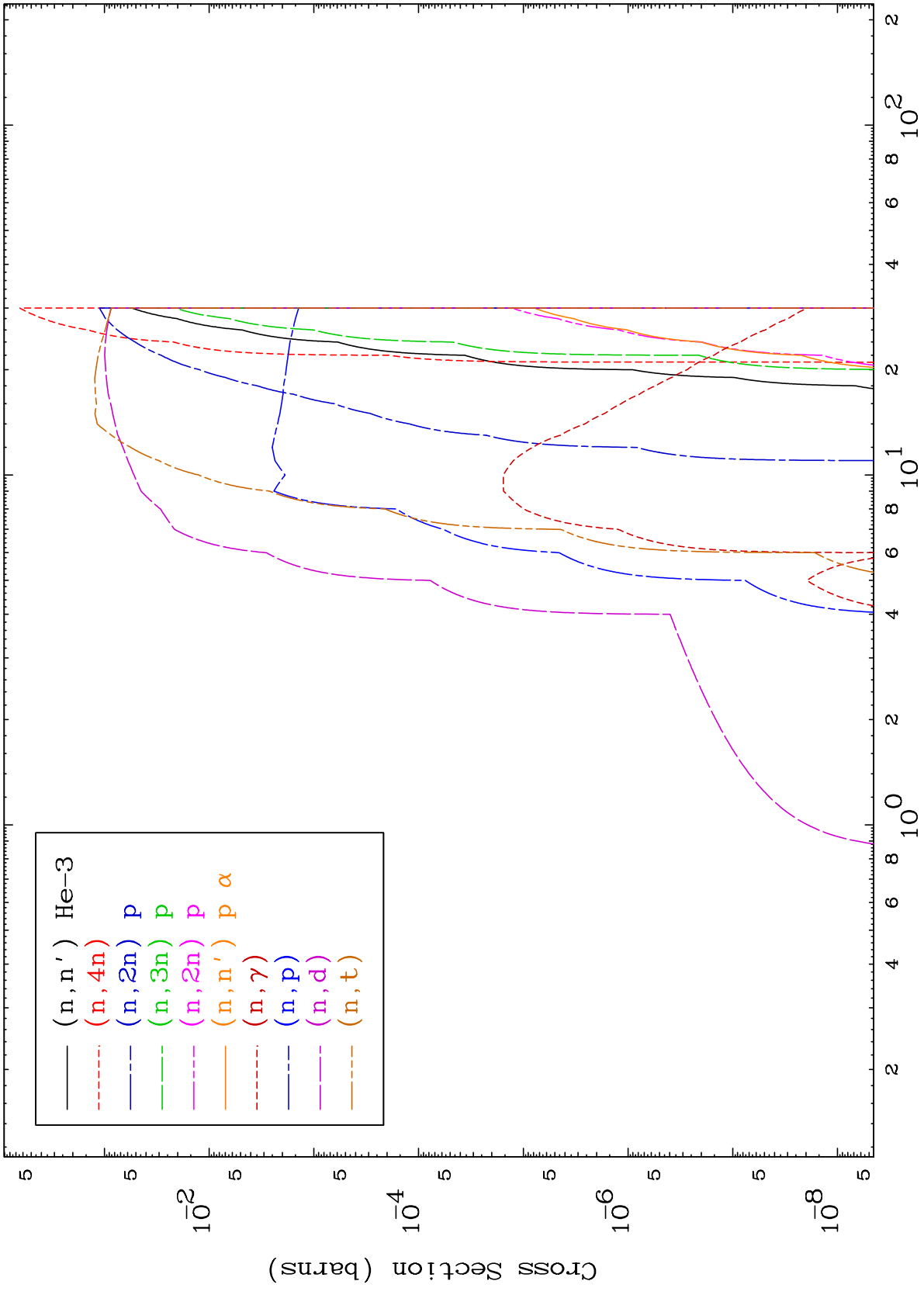


58-Ce-140

MAT 5837

Triton Neutron Absorption
0 Kelvin Cross Sections

58-Ce-140



58-Ce-140

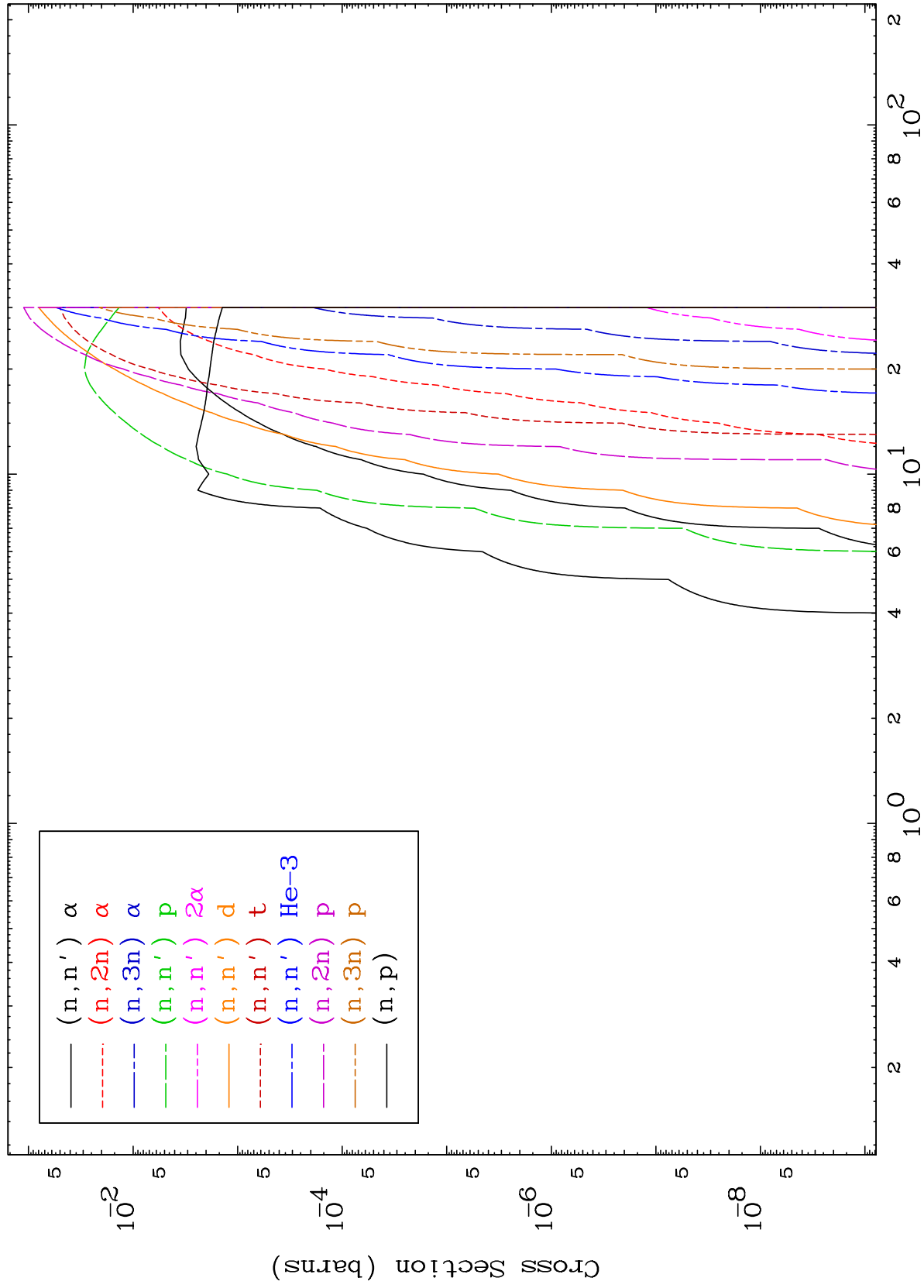
Incident Energy (MeV)

3

MAT 5837

Triton Charged Particle
0 Kelvin Cross Sections

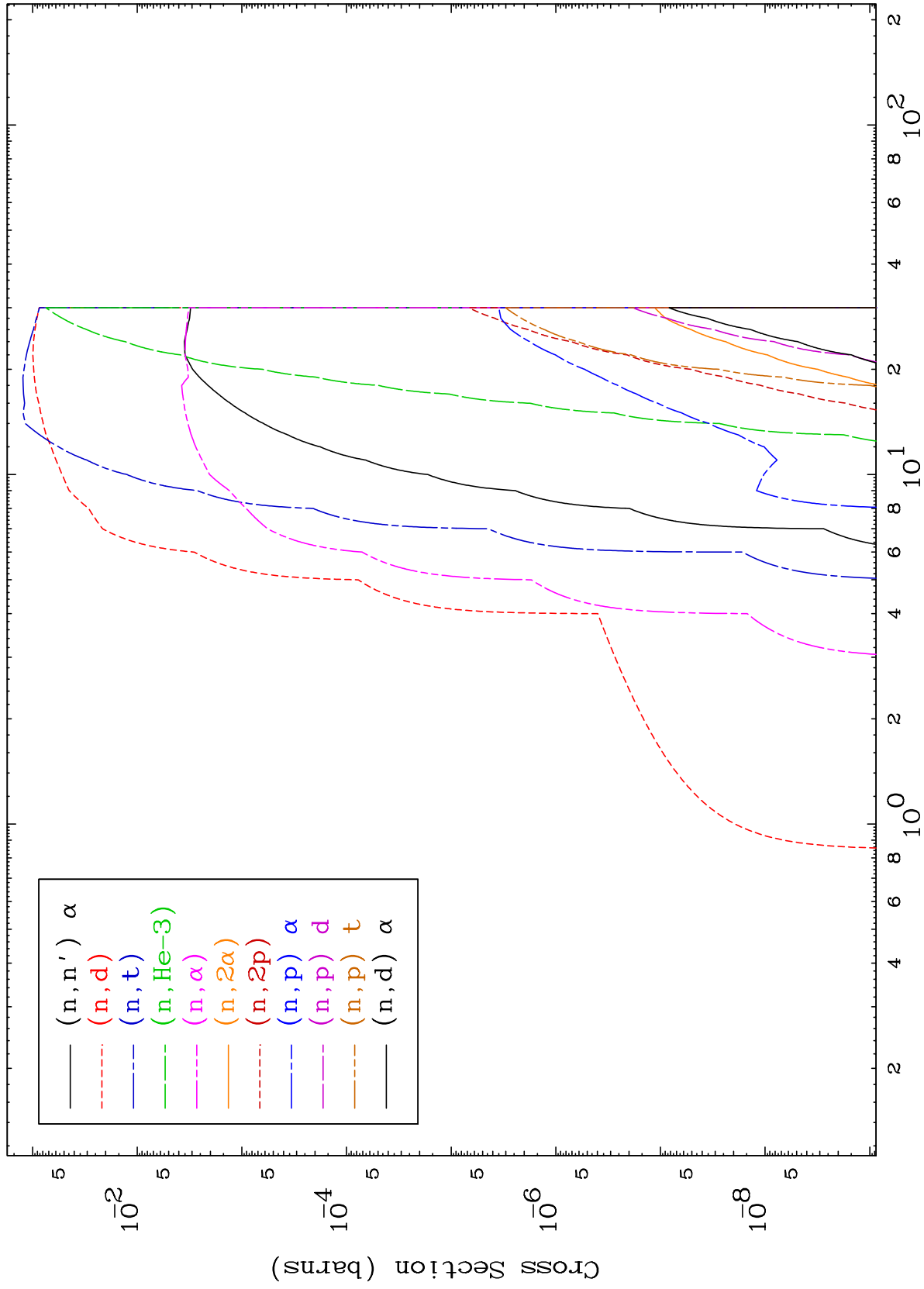
58-Ce-140



MAT 5837

Triton Charged Particle
0 Kelvin Cross Sections

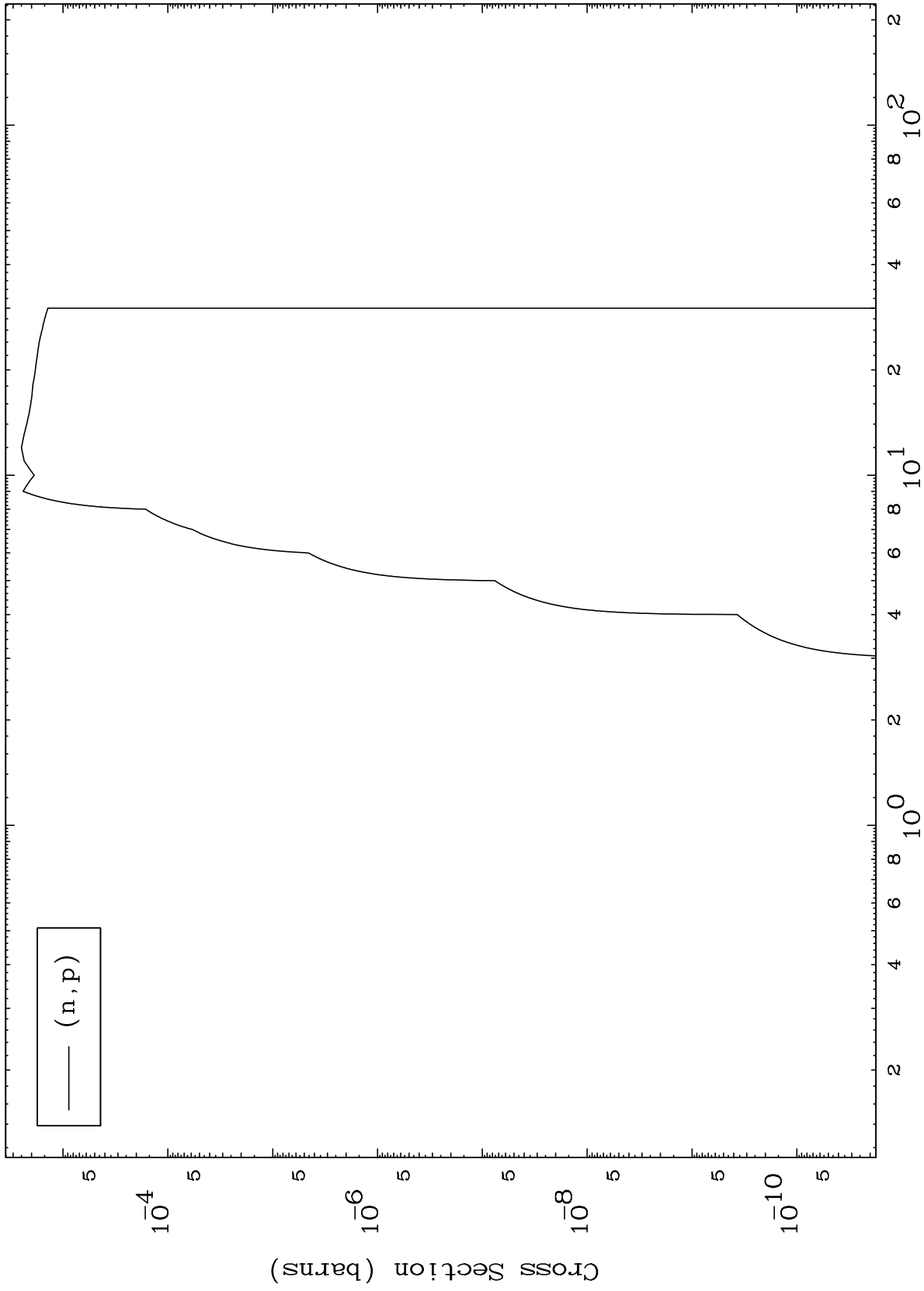
58-Ce-140



MAT 5837

(t,p) Levels
0 Kelvin Cross Sections

58-Ce-140



7

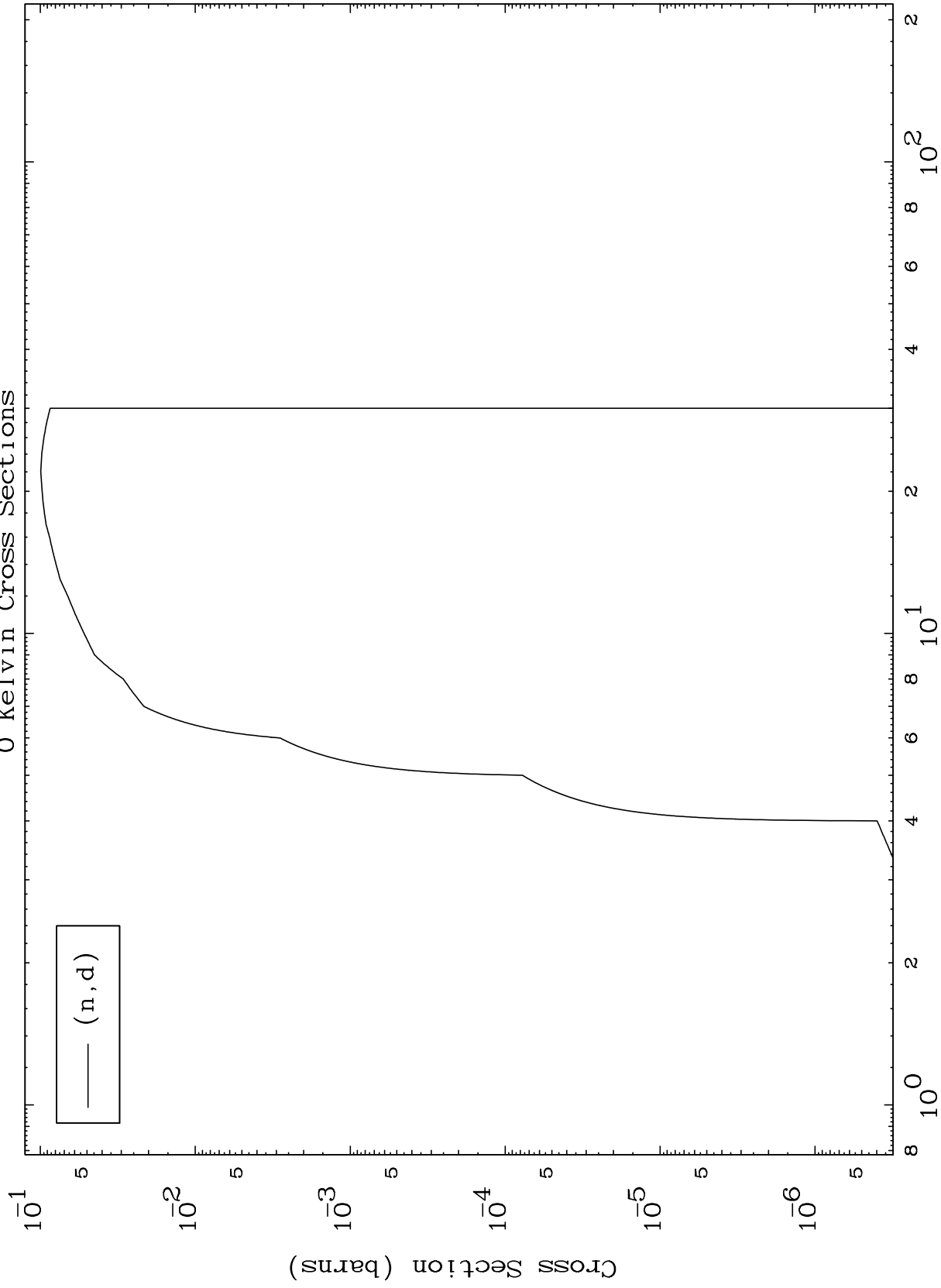
Incident Energy (MeV)

58-Ce-140

MAT 5837

(t,d) Levels
0 Kelvin Cross Sections

58-Ce-140



8

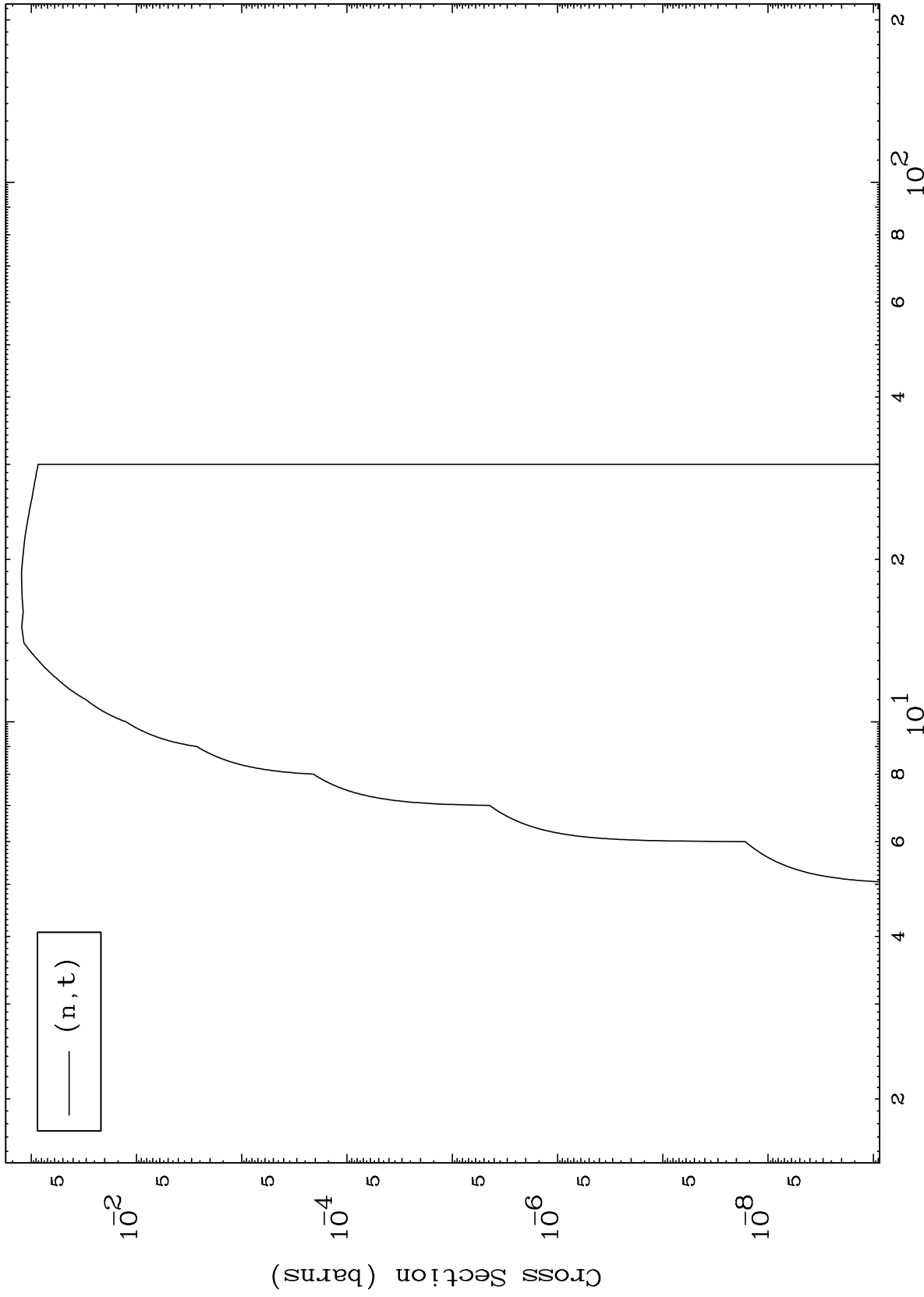
Incident Energy (MeV)

58-Ce-140

MAT 5837

(t,t) Levels
0 Kelvin Cross Sections

58-Ce-140



9

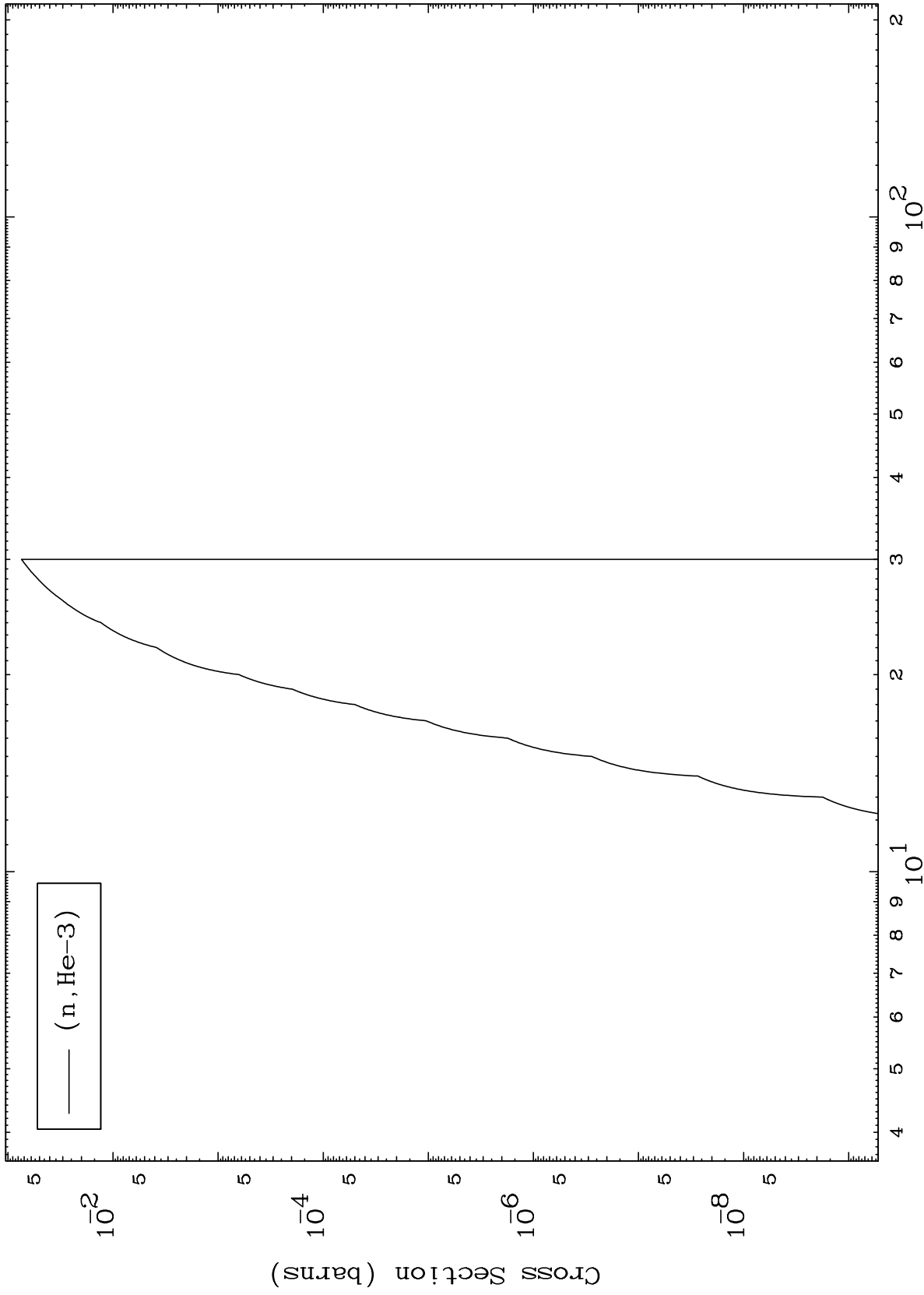
Incident Energy (MeV)

58-Ce-140

MAT 5837

(t,He3) Levels
0 Kelvin Cross Sections

58-Ce-140



10

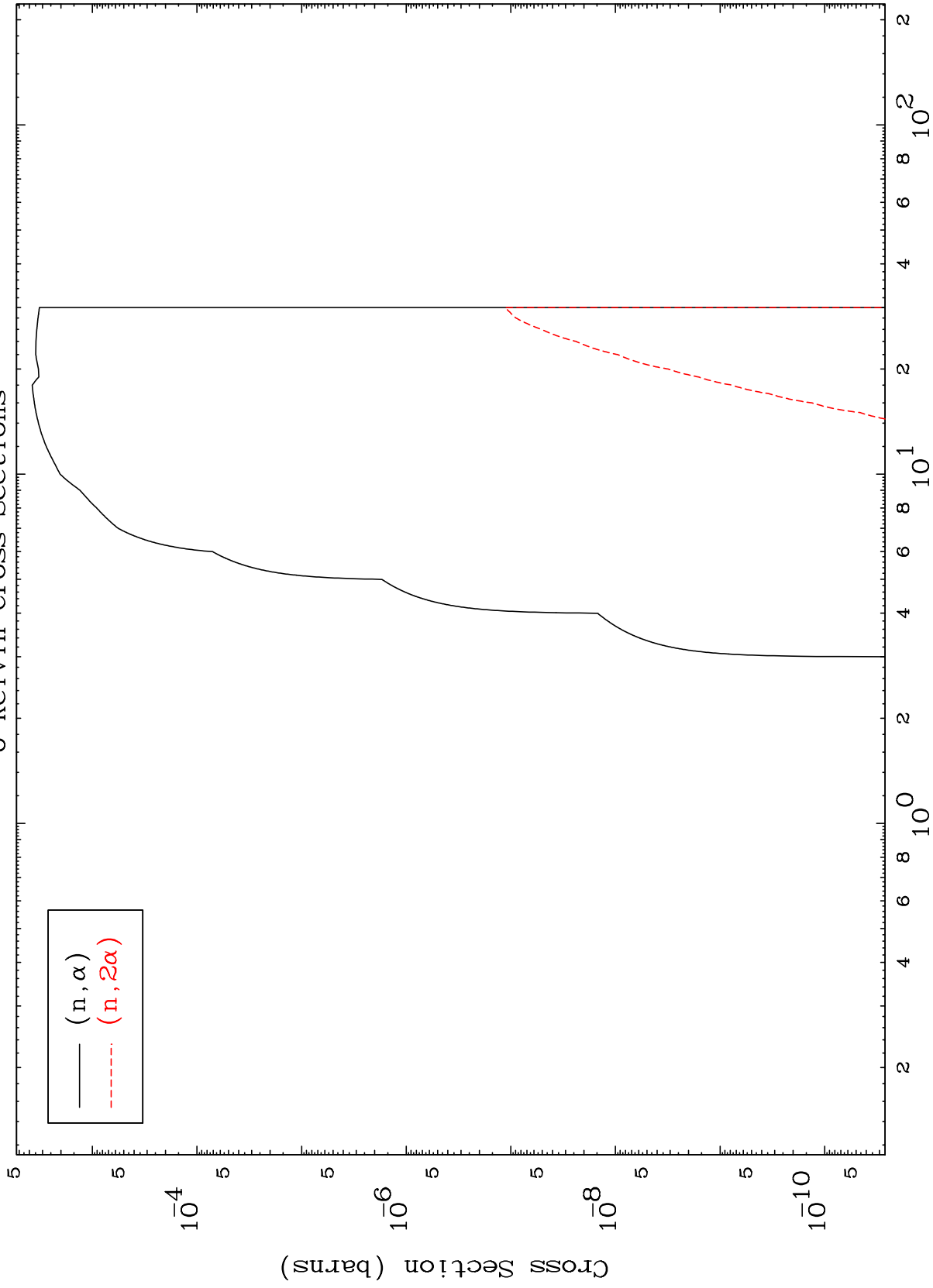
Incident Energy (MeV)

58-Ce-140

MAT 5837

(t, α) Levels
0 Kelvin Cross Sections

58-Ce-140



11

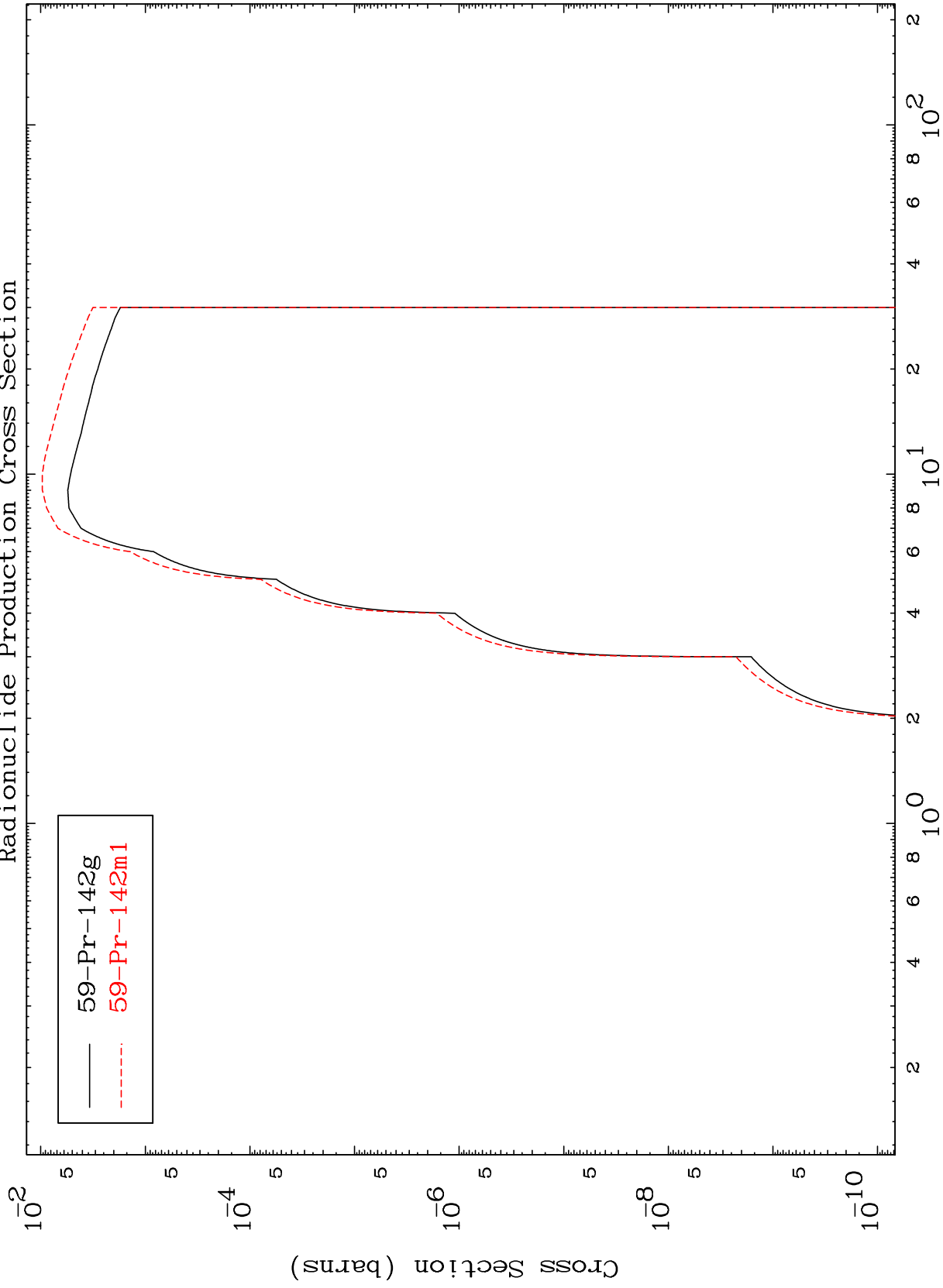
Incident Energy (MeV)

58-Ce-140

MAT 5837

58-Ce-140

Inelastic
Radionuclide Production Cross Section



12

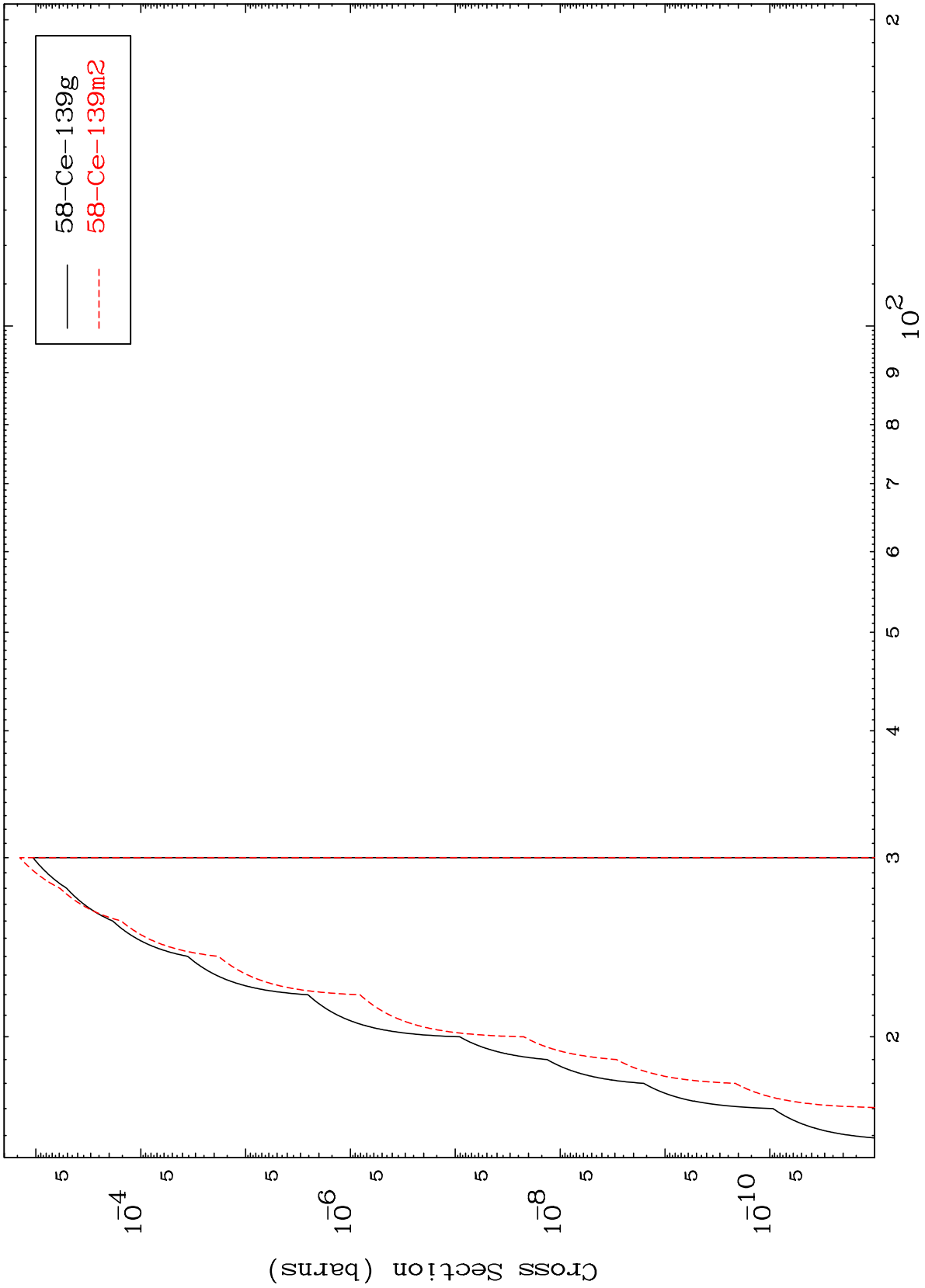
58-Ce-140

MAT 5837

(n,2n) d

58-Ce-140

Radionuclide Production Cross Section



13

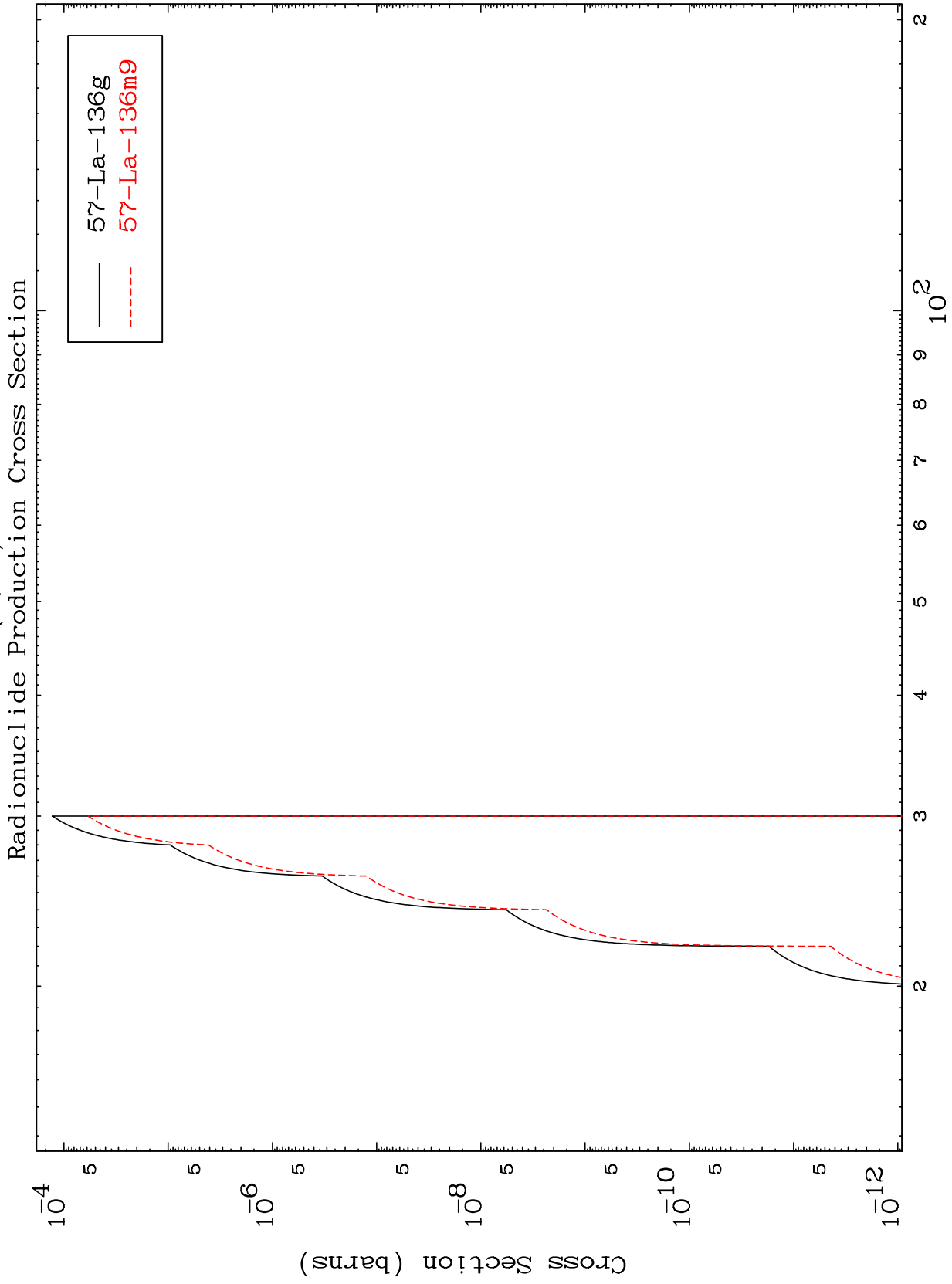
Incident Energy (MeV)

58-Ce-140

MAT 5837

(n,3n) α

58-Ce-140



14

Incident Energy (MeV)

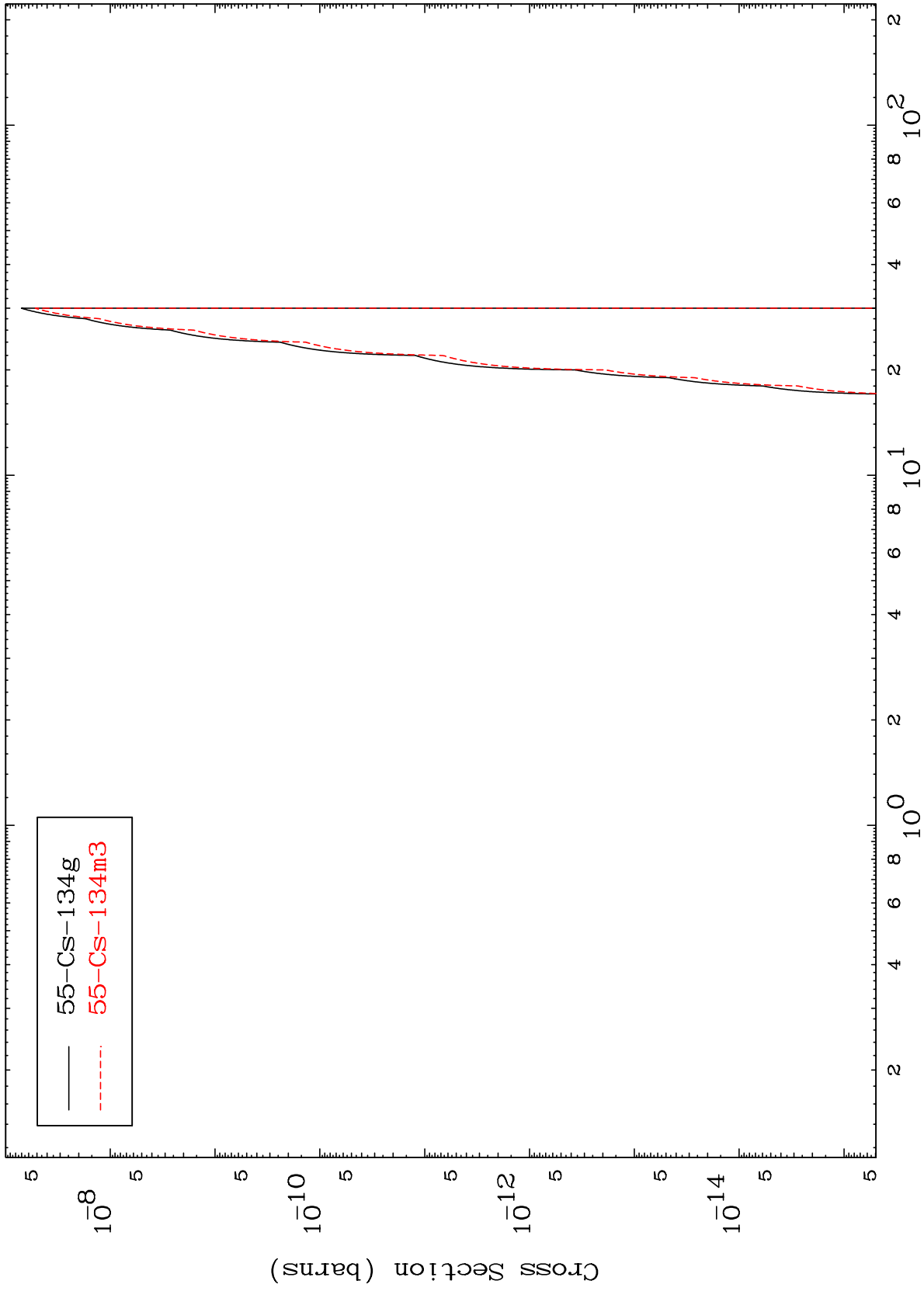
58-Ce-140

MAT 5837

(n,n') 2 α

58-Ce-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

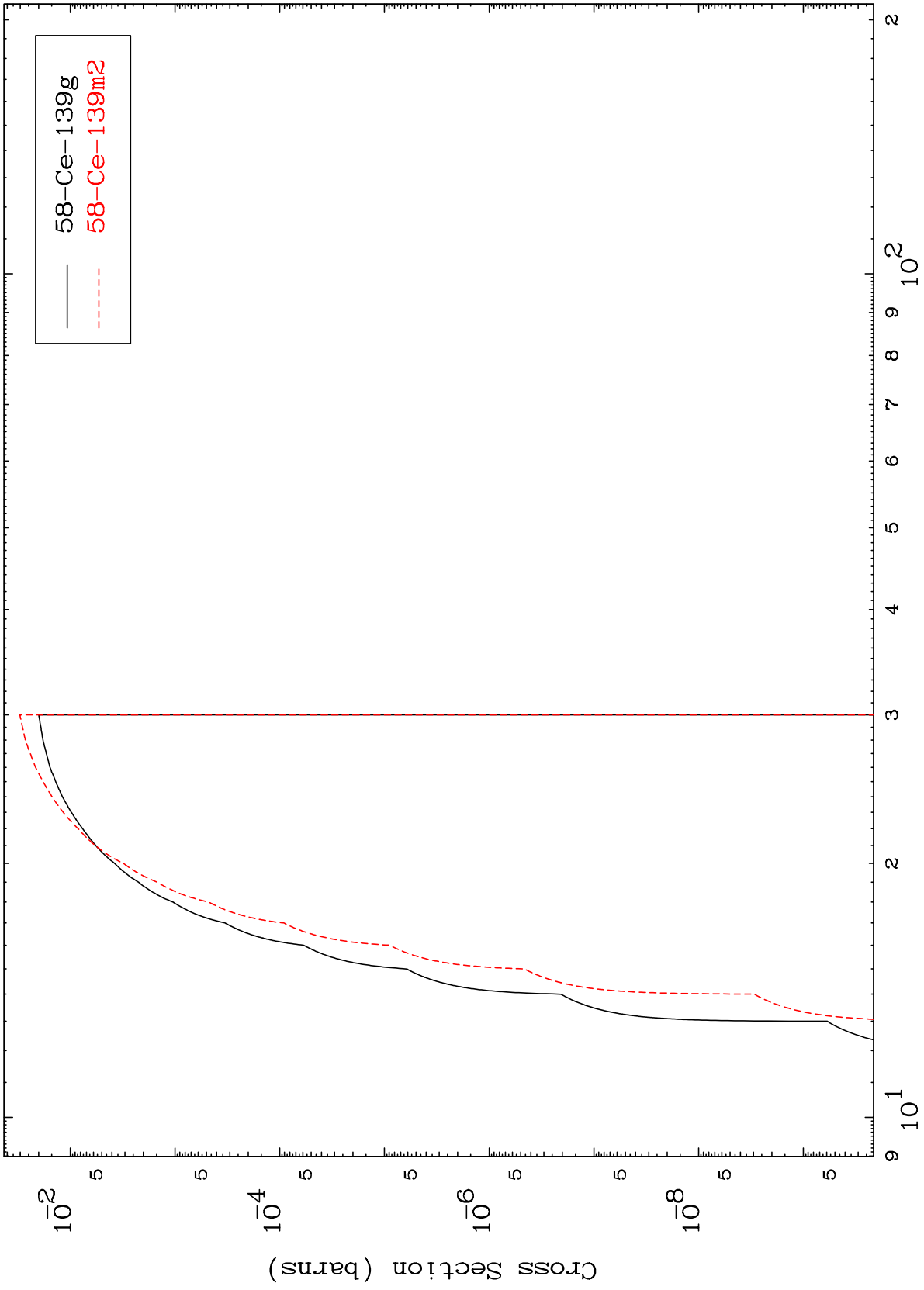
58-Ce-140

MAT 5837

(n,n') t

58-Ce-140

Radionuclide Production Cross Section



16

Incident Energy (MeV)

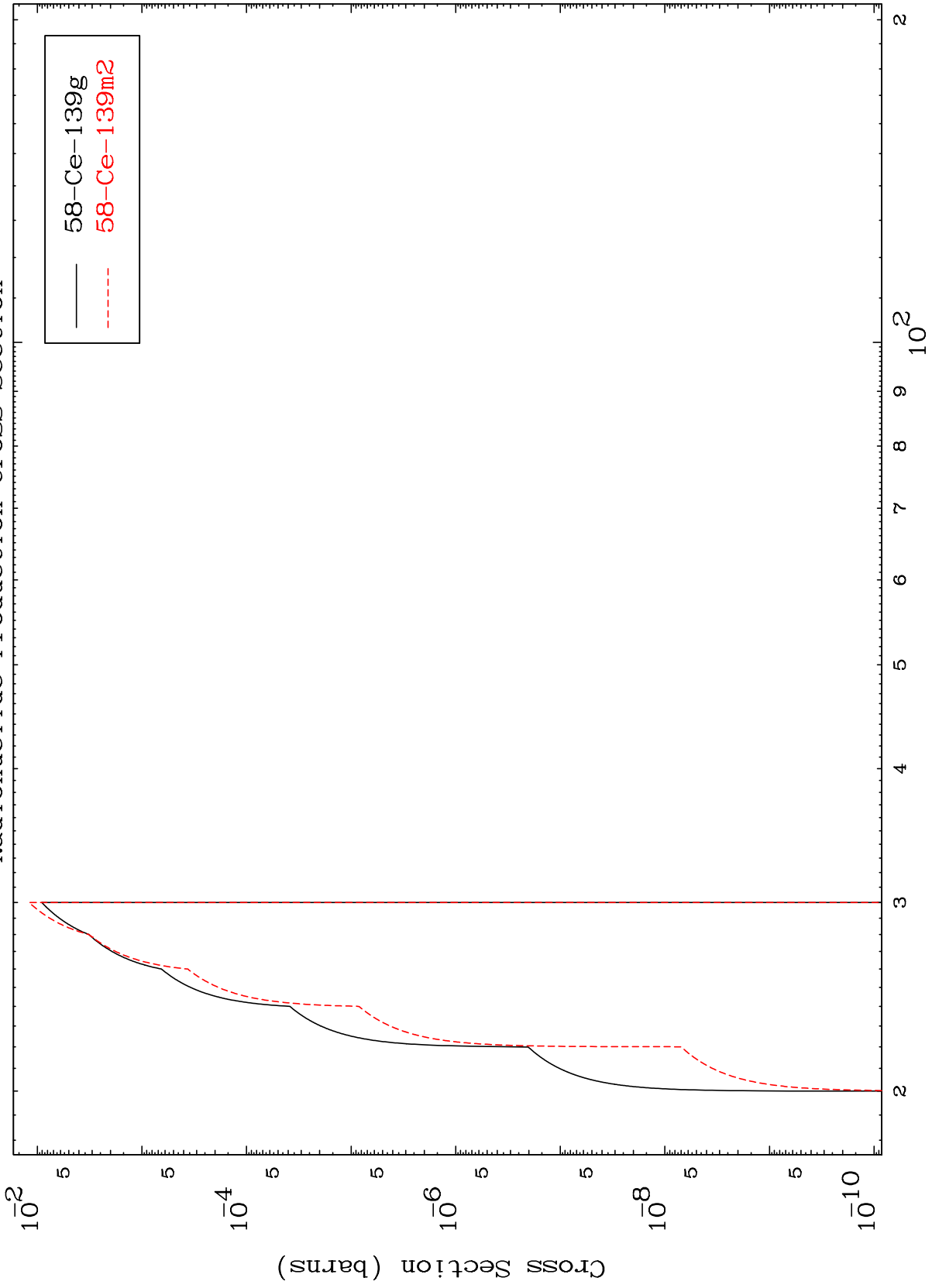
58-Ce-140

MAT 5837

(n,3n) p

58-Ce-140

Radionuclide Production Cross Section



17

Incident Energy (MeV)

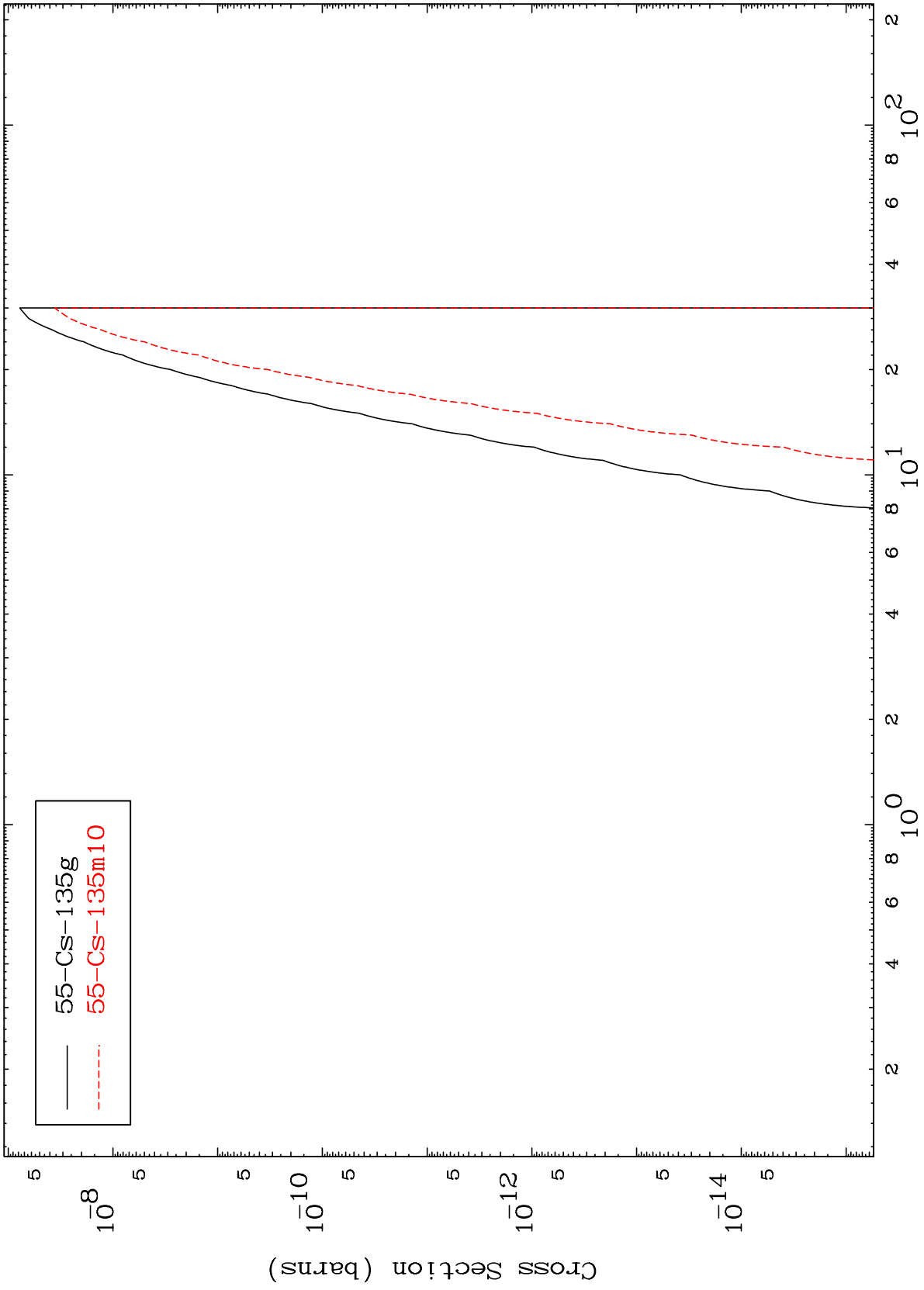
58-Ce-140

MAT 5837

(n,2α)

58-Ce-140

Radionuclide Production Cross Section



19

Incident Energy (MeV)

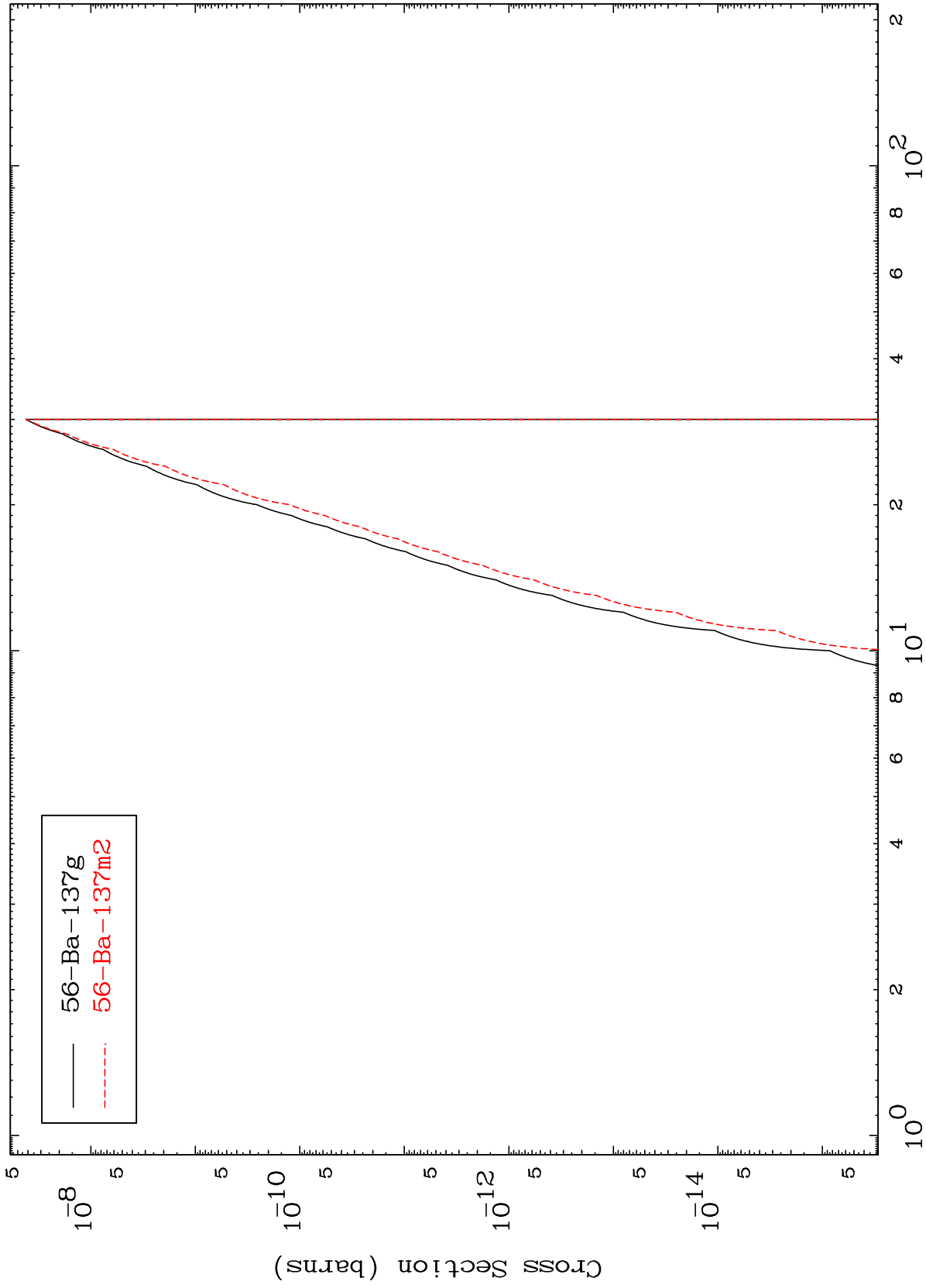
58-Ce-140

MAT 5837

(n,d) α

58-Ce-140

Radionuclide Production Cross Section



56-Ba-137g
56-Ba-137m2

Incident Energy (MeV)

58-Ce-140