

Program EVALPLOT
(Version 2021-1)

by

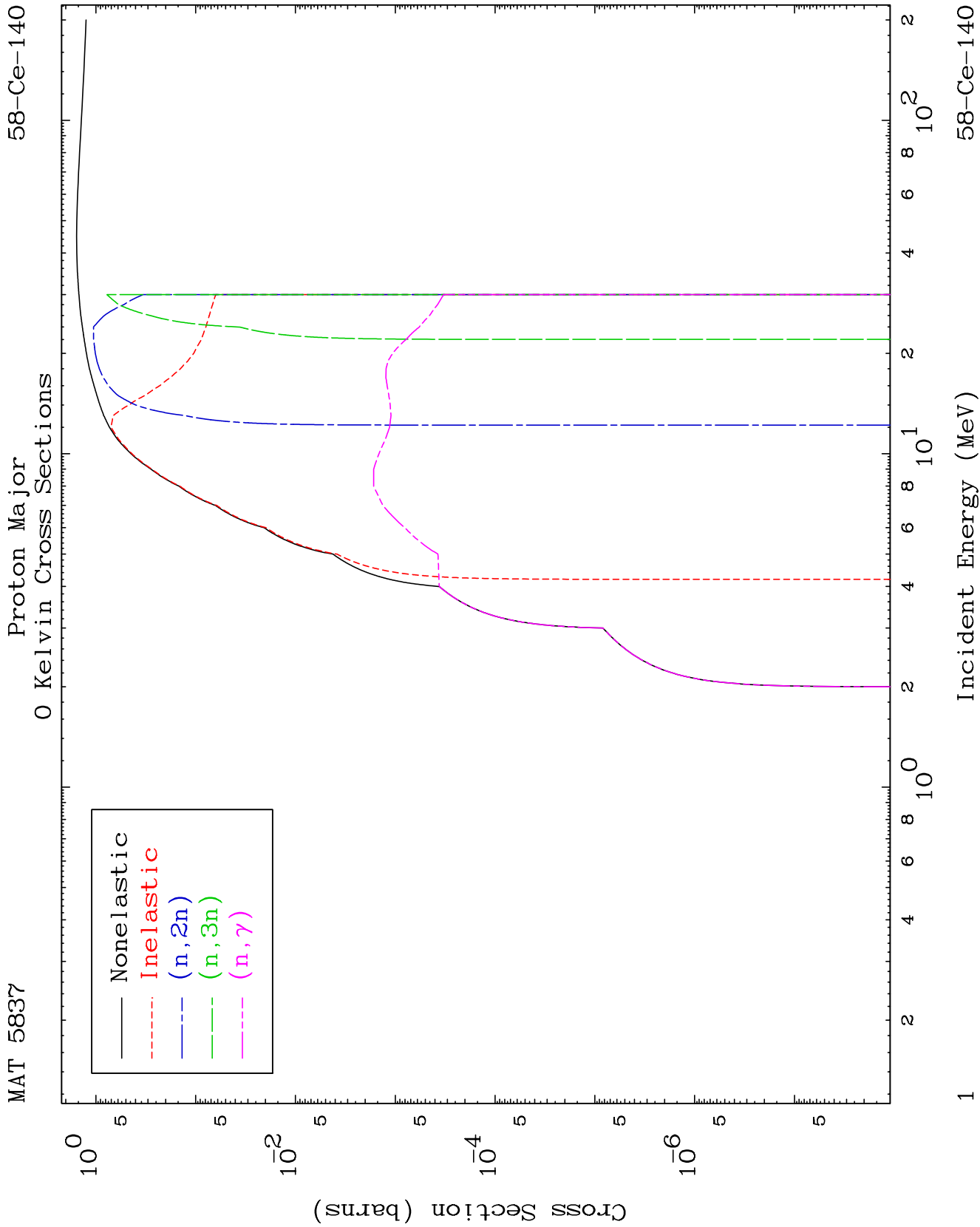
Dermott E. Cullen
(Present Contact Information)

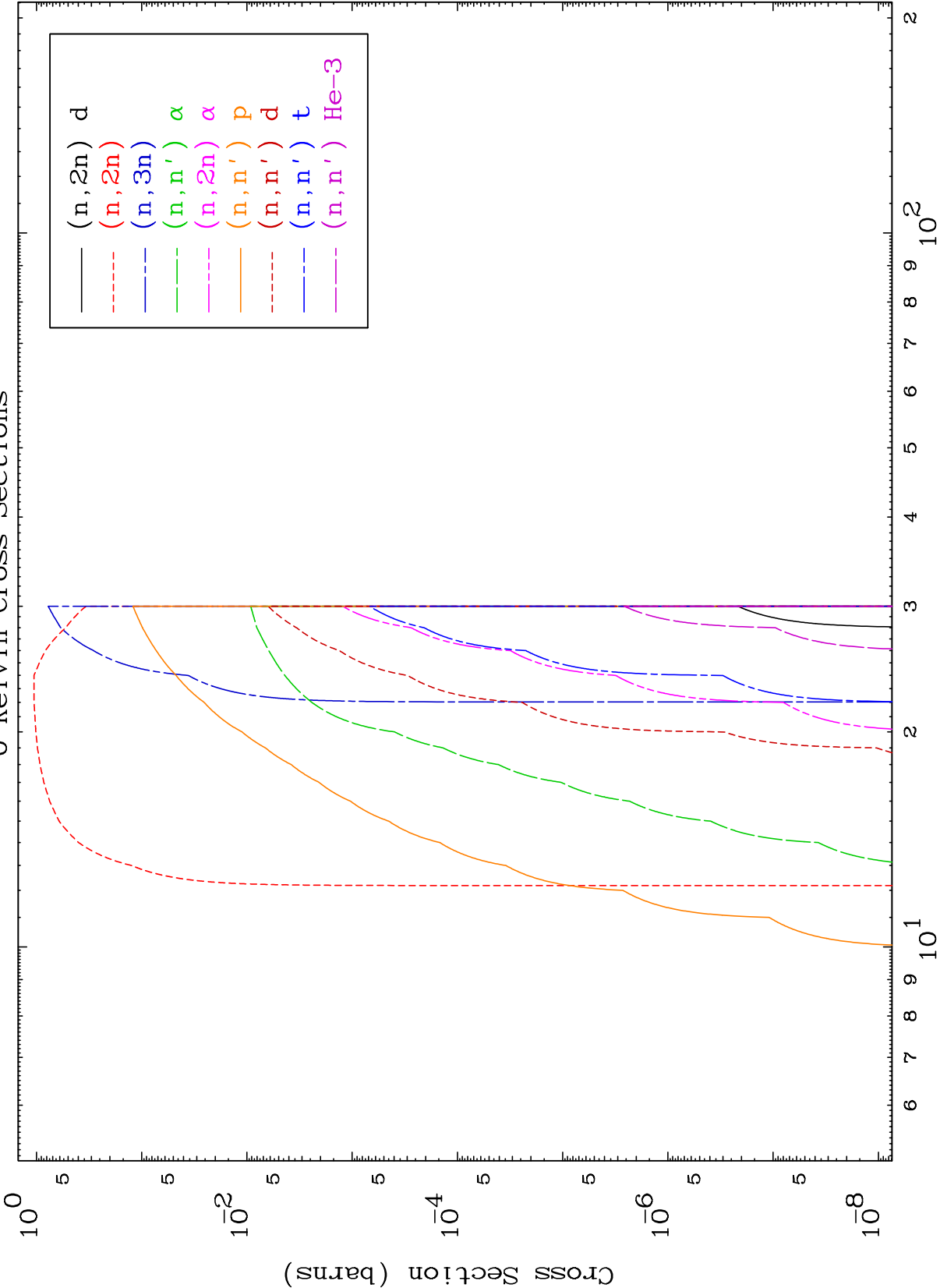
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

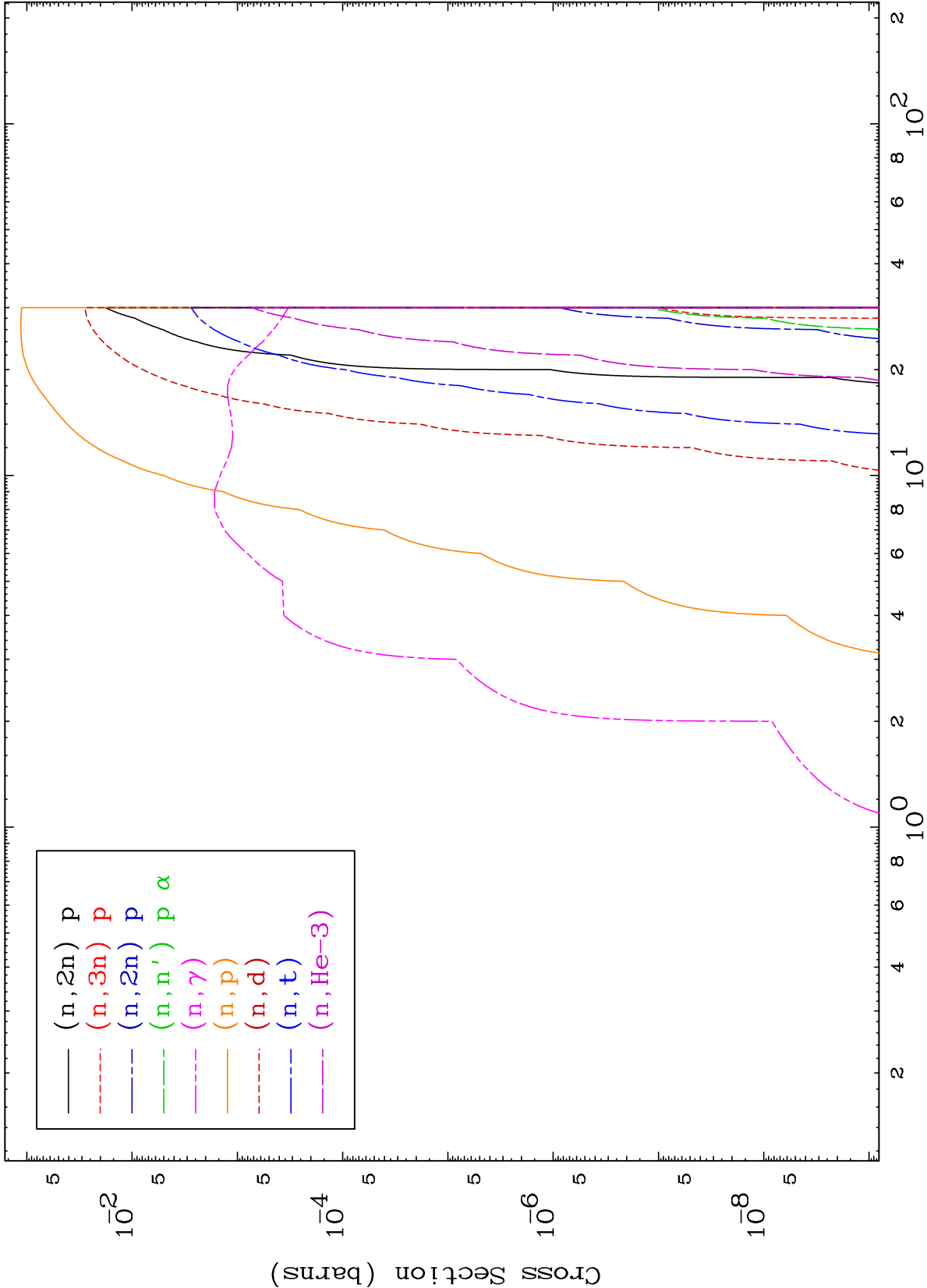
Tele: 925-443-1911

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

Press Mouse Button to Start



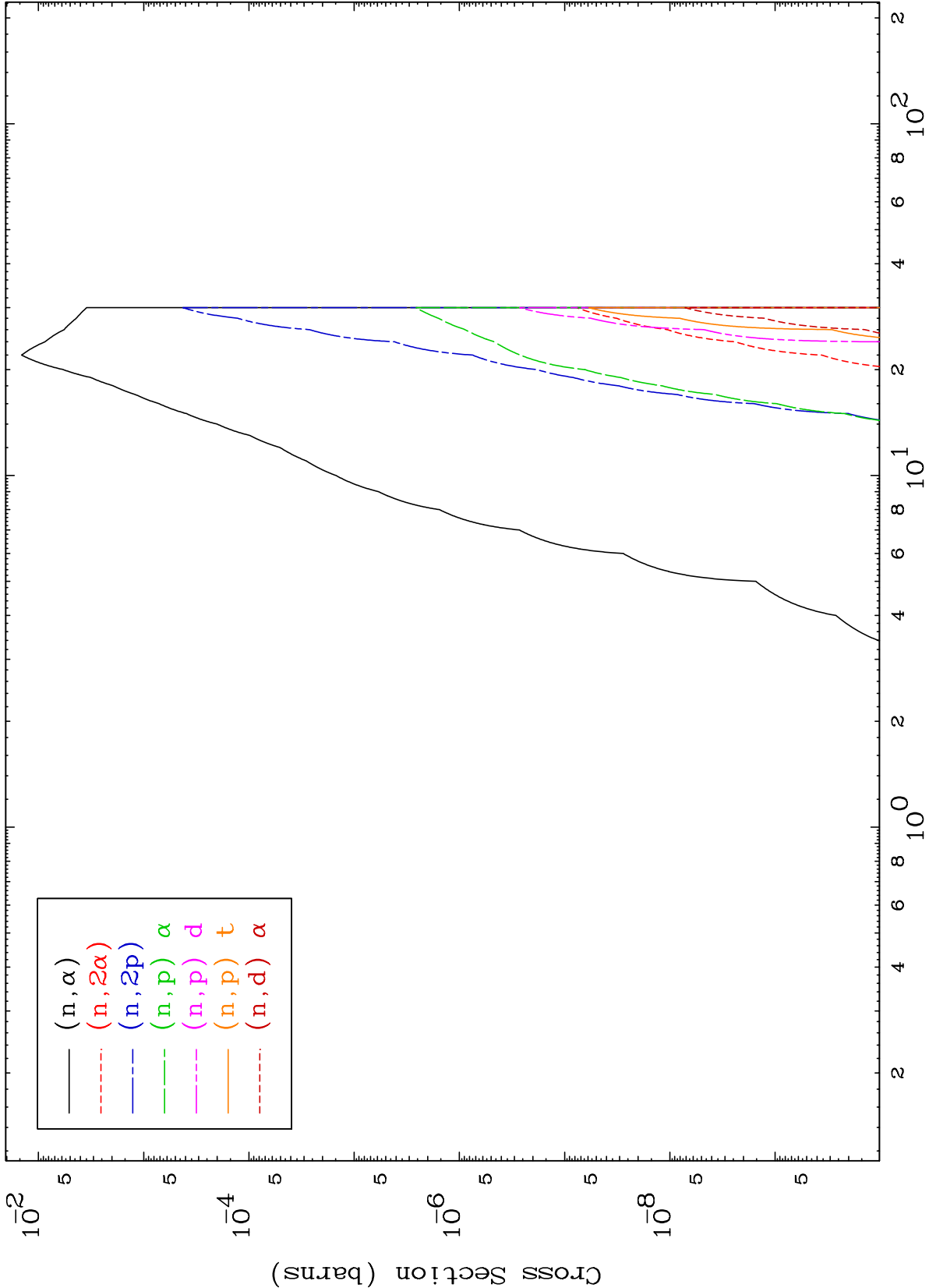




MAT 5837

Proton Neutron Absorption
0 Kelvin Cross Sections

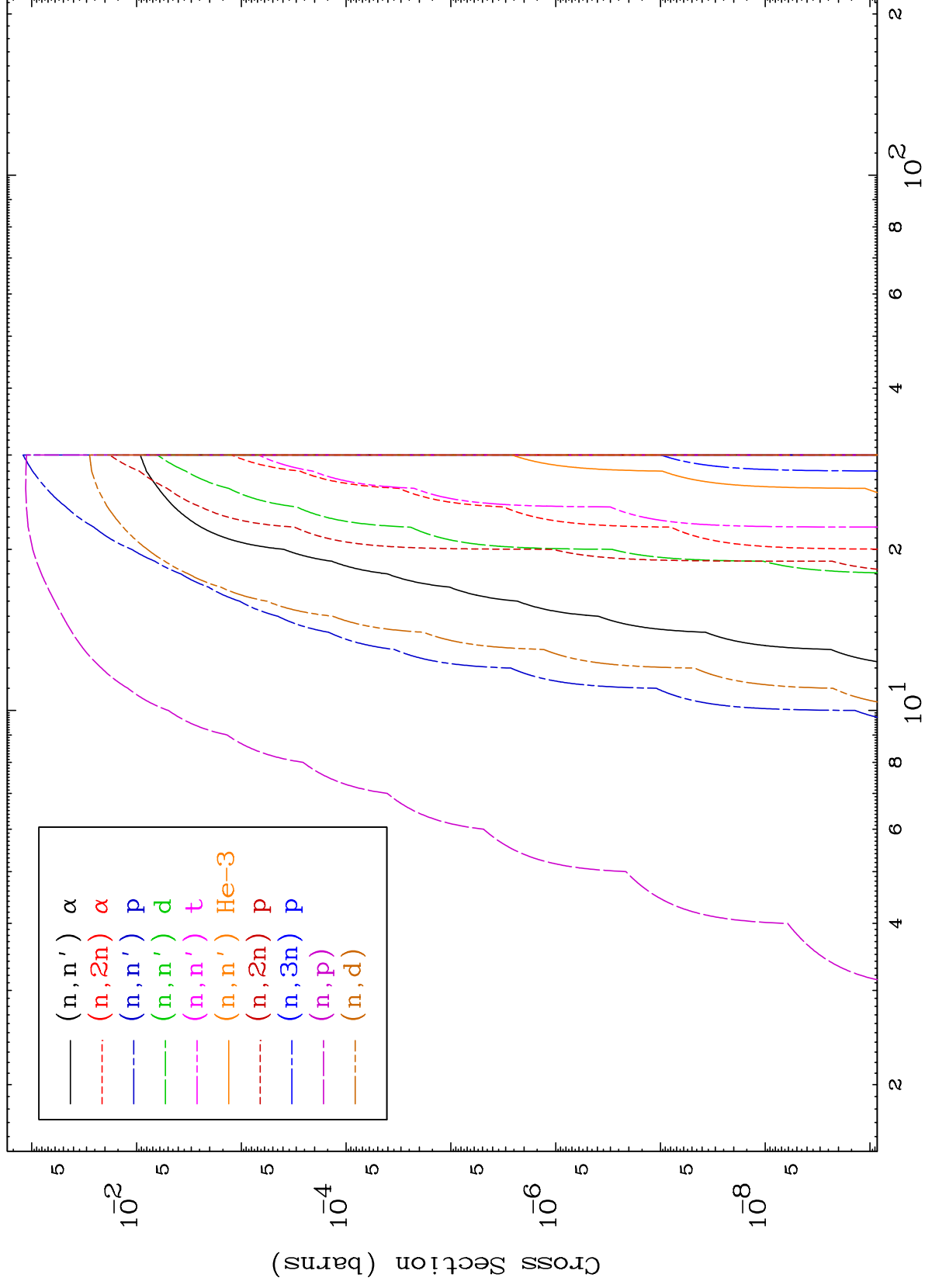
58-Ce-140



MAT 5837

Proton Charged Particle
0 Kelvin Cross Sections

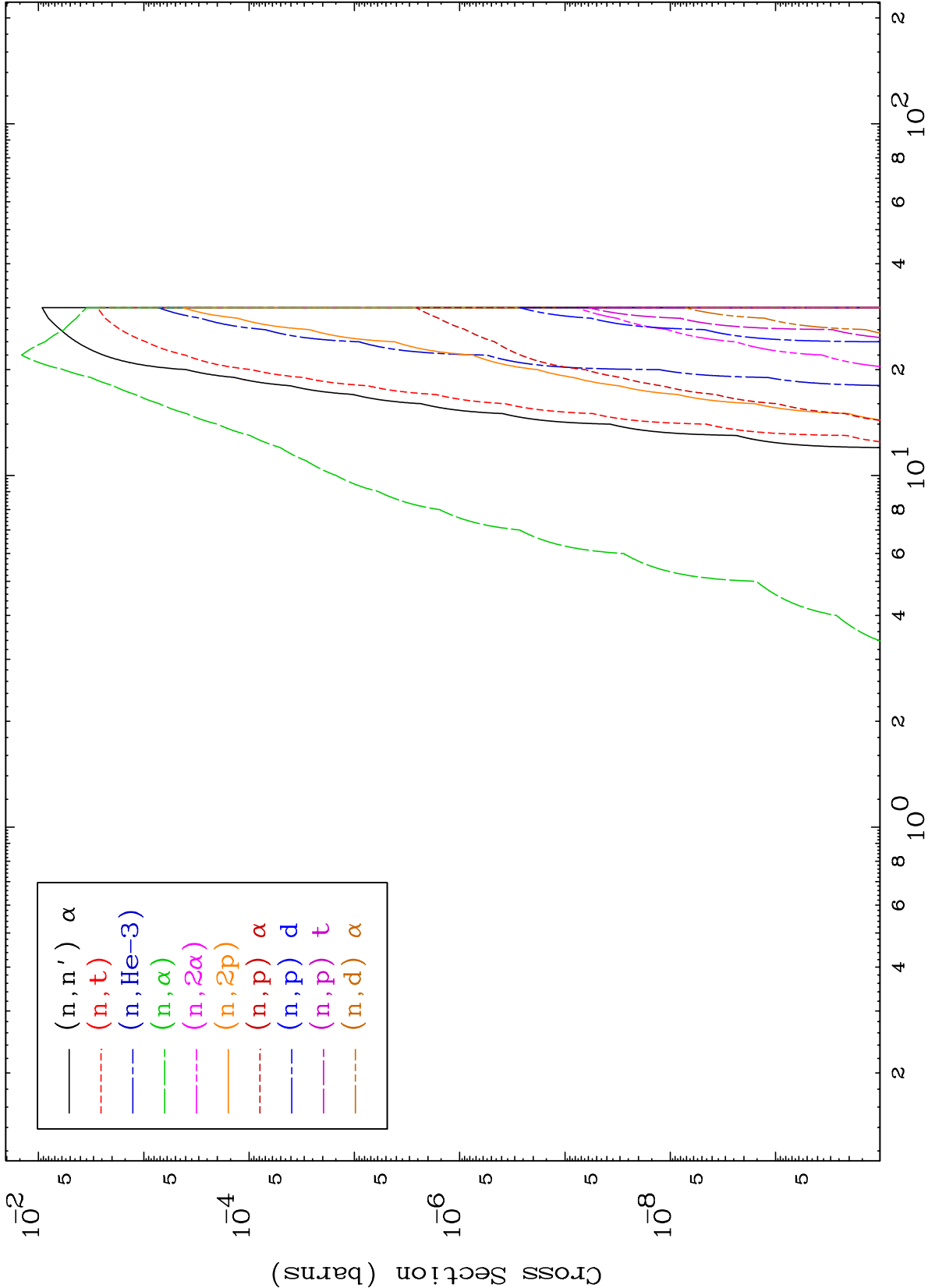
58-Ce-140



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Incident Energy (MeV)

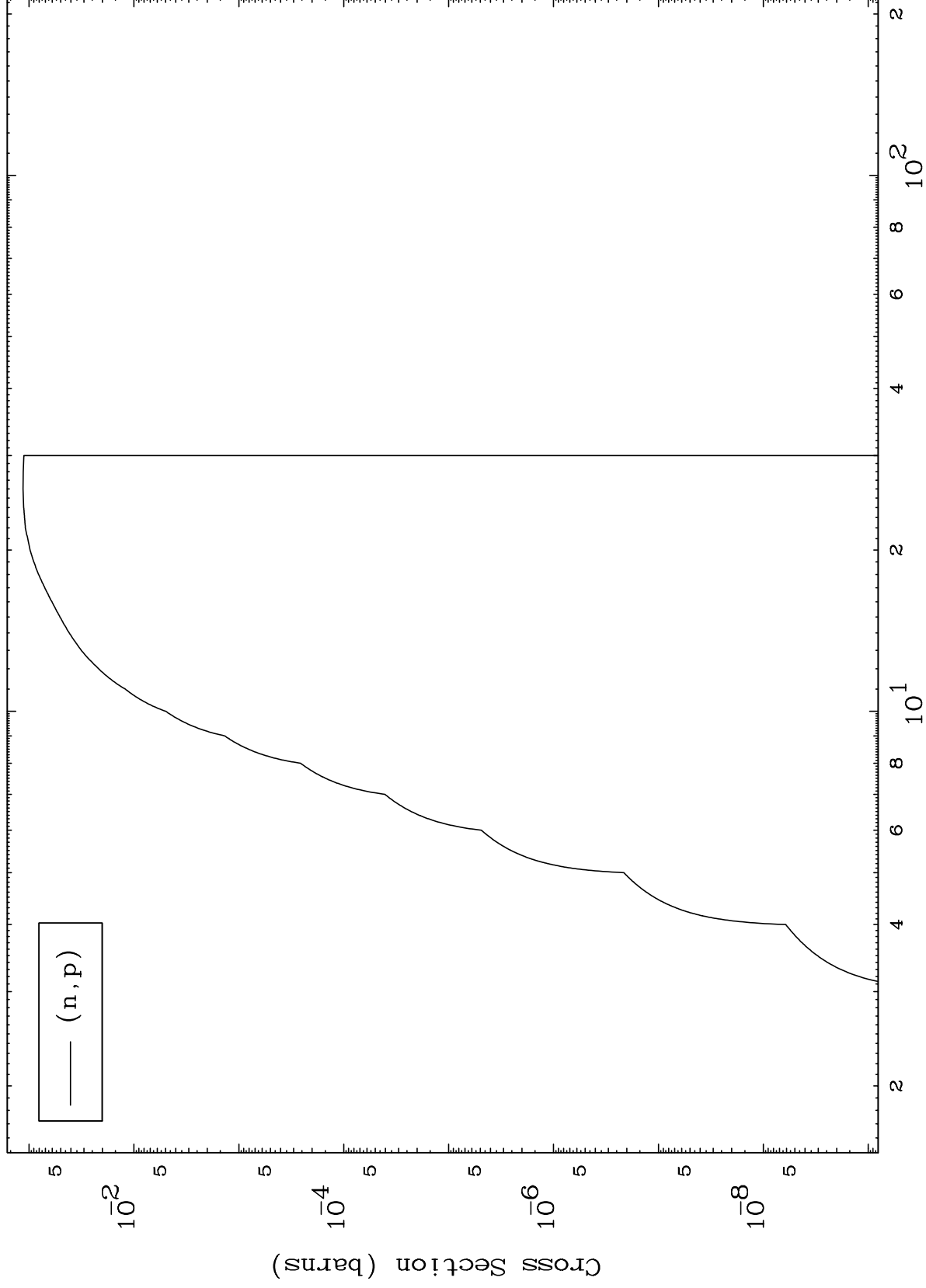
58-Ce-140



MAT 5837

58-Ce-140

(p,p) Levels
0 Kelvin Cross Sections



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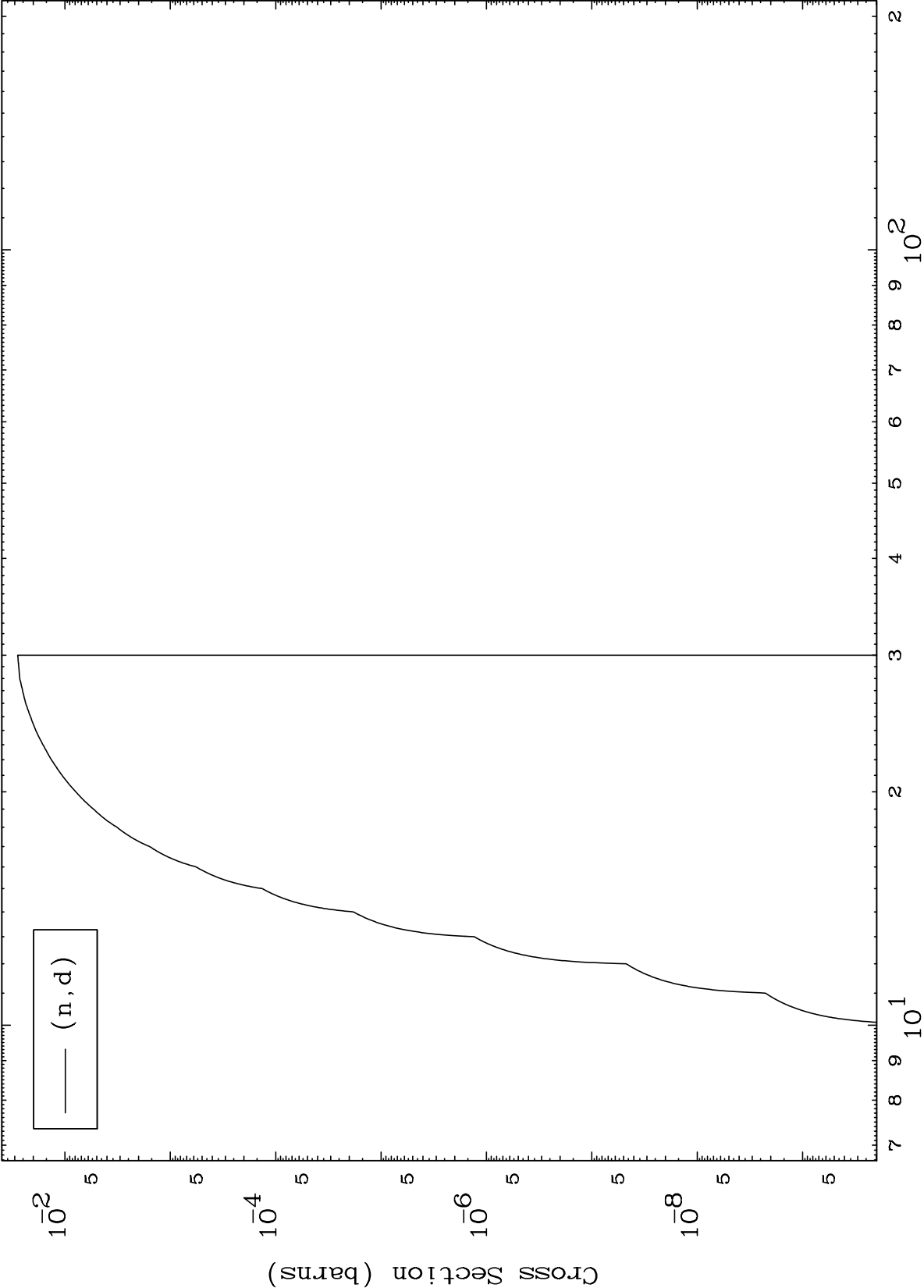
58-Ce-140

MAT 5837

(p,d) Levels

58-Ce-140

0 Kelvin Cross Sections



Incident Energy (MeV)

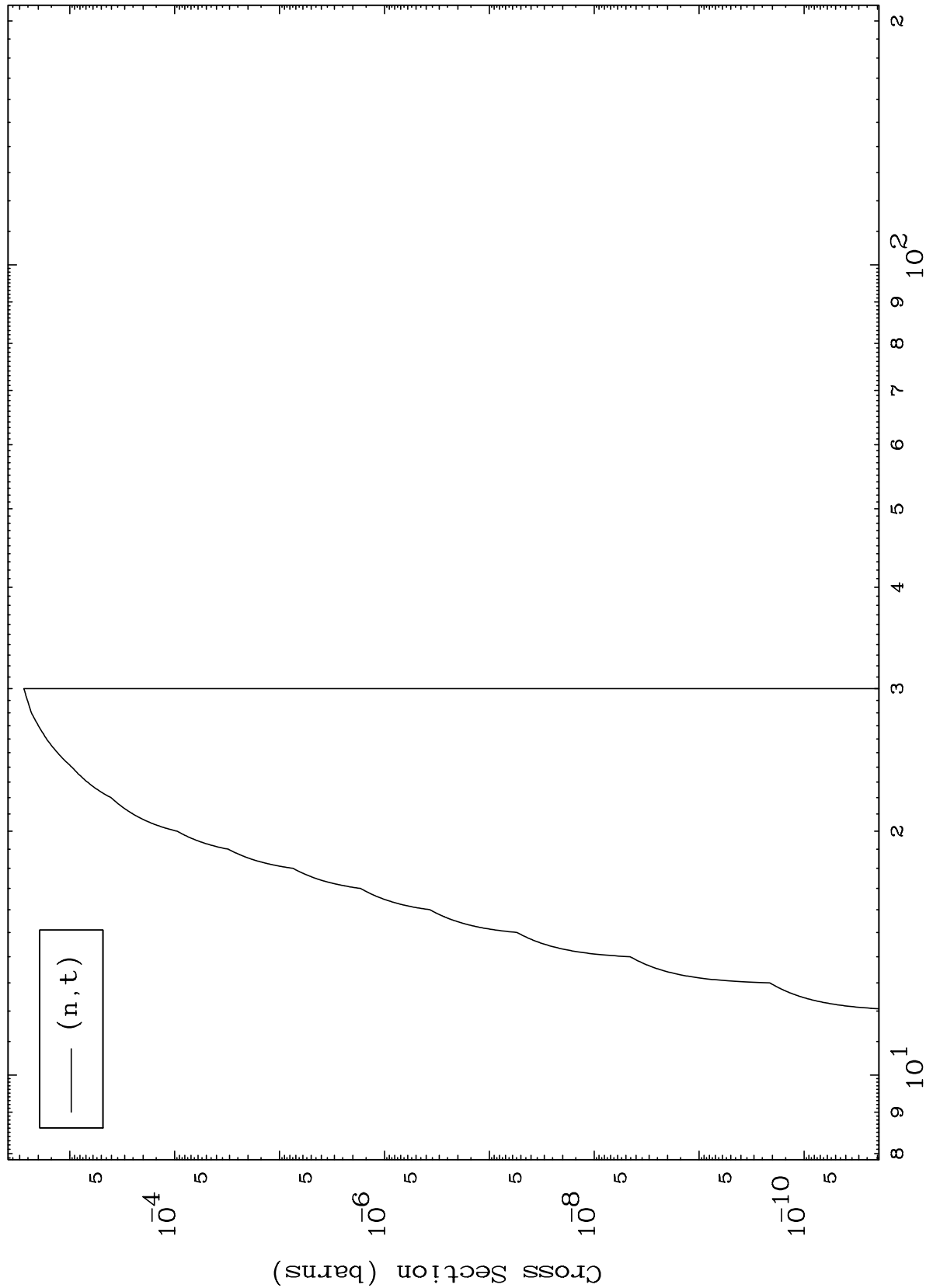
58-Ce-140

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MAT 5837

58-Ce-140

(p,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

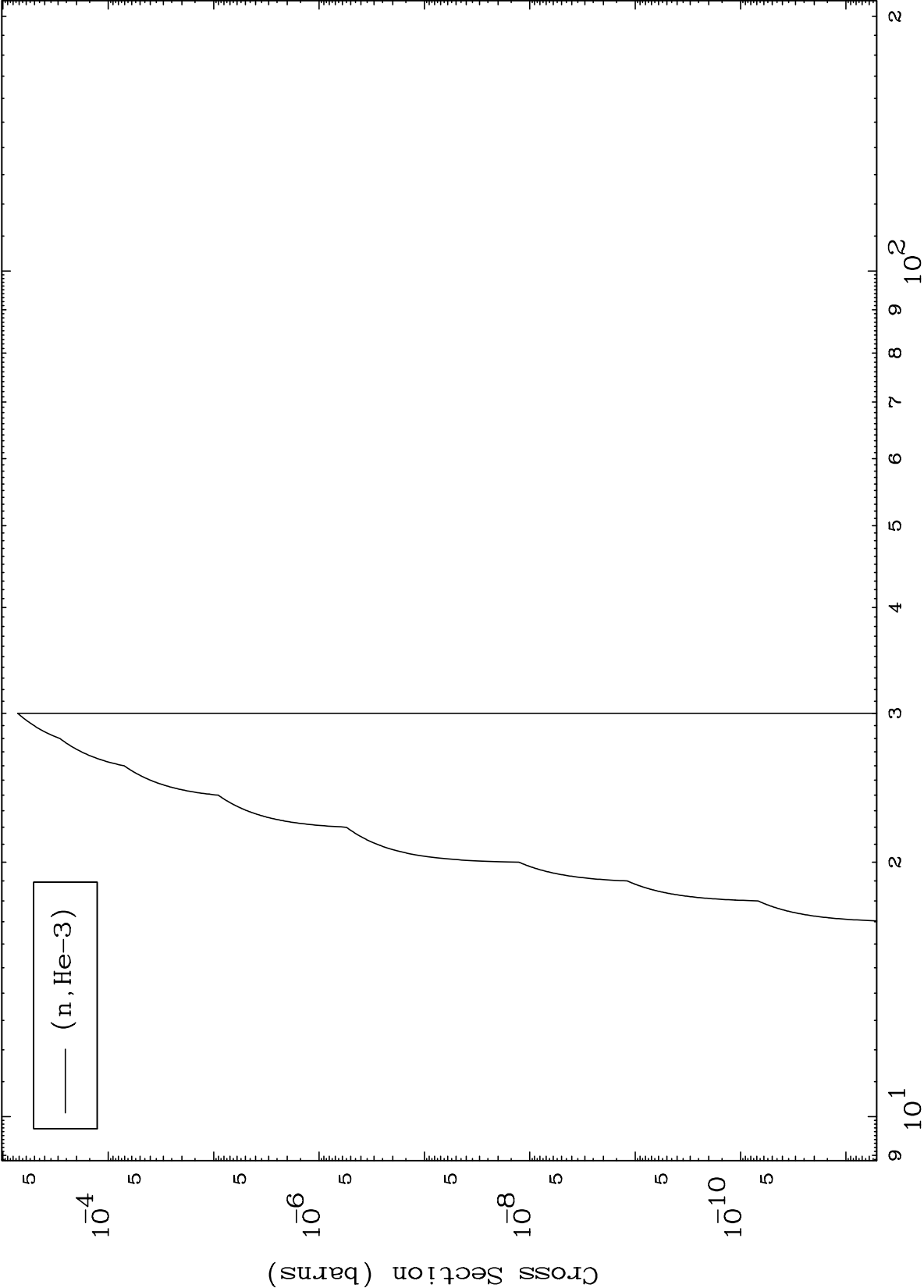
58-Ce-140

MAT 5837

(p,He3) Levels

58-Ce-140

0 Kelvin Cross Sections



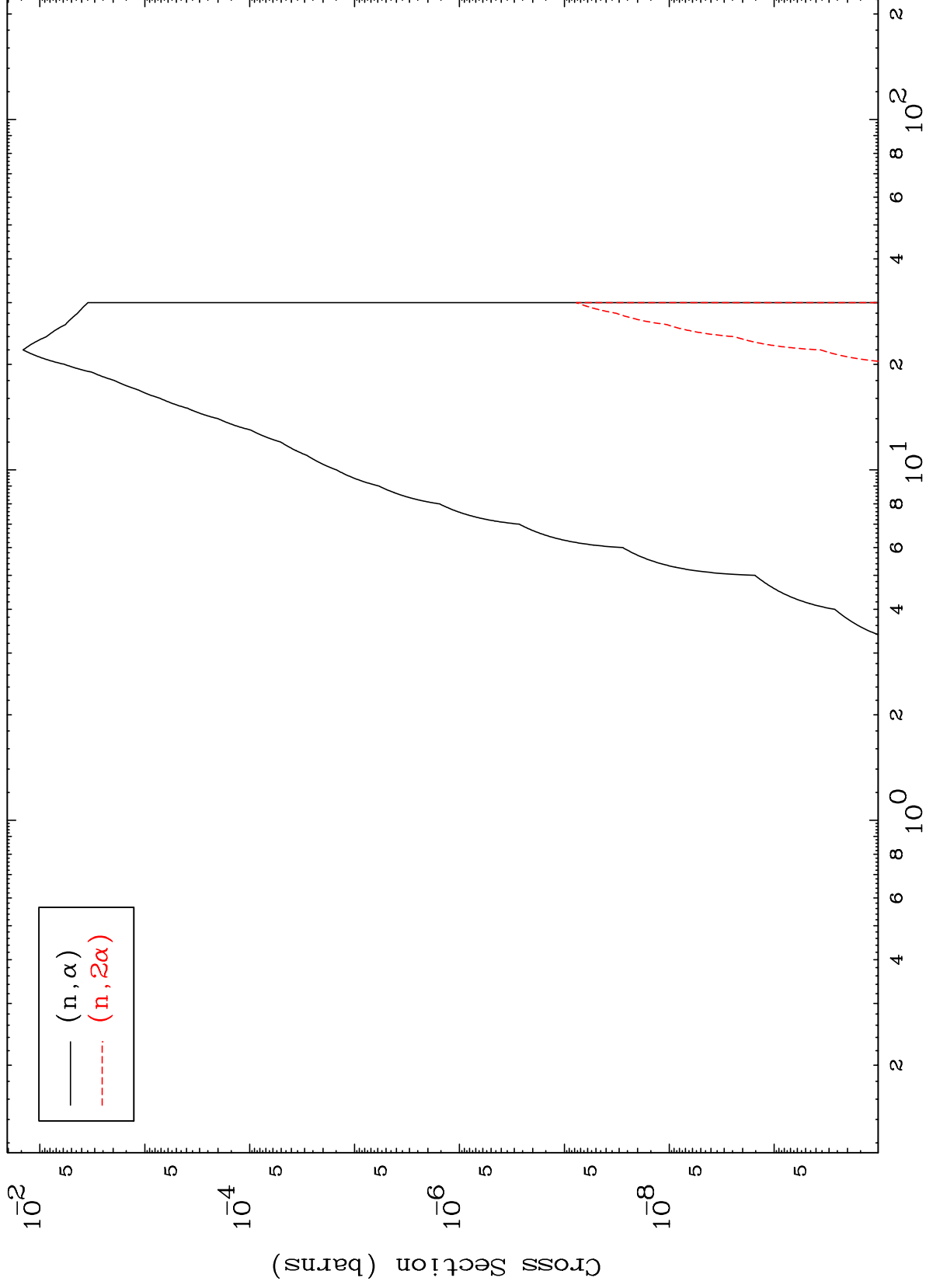
Incident Energy (MeV)

58-Ce-140

MAT 5837

58-Ce-140

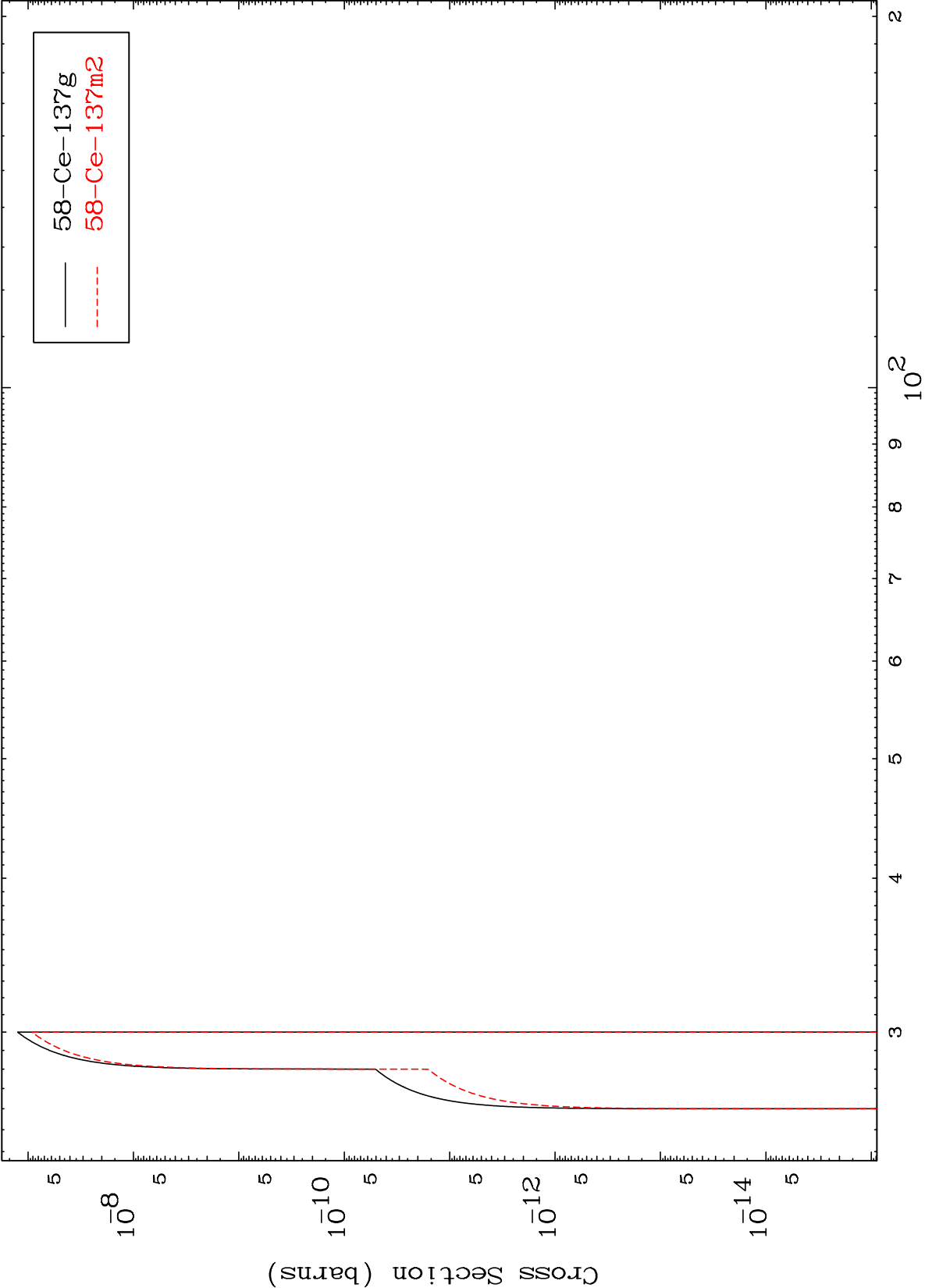
(p, α) Levels
0 Kelvin Cross Sections

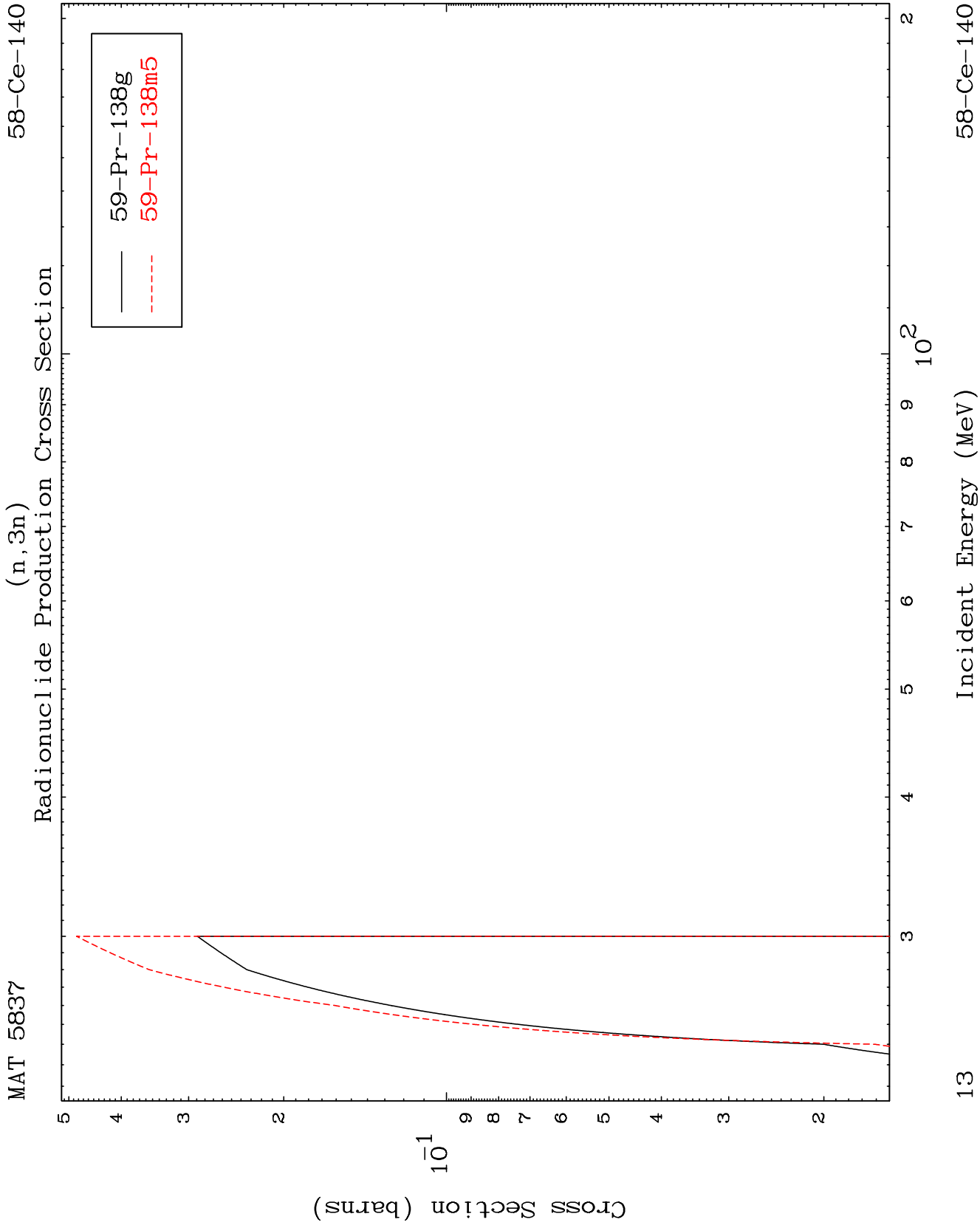


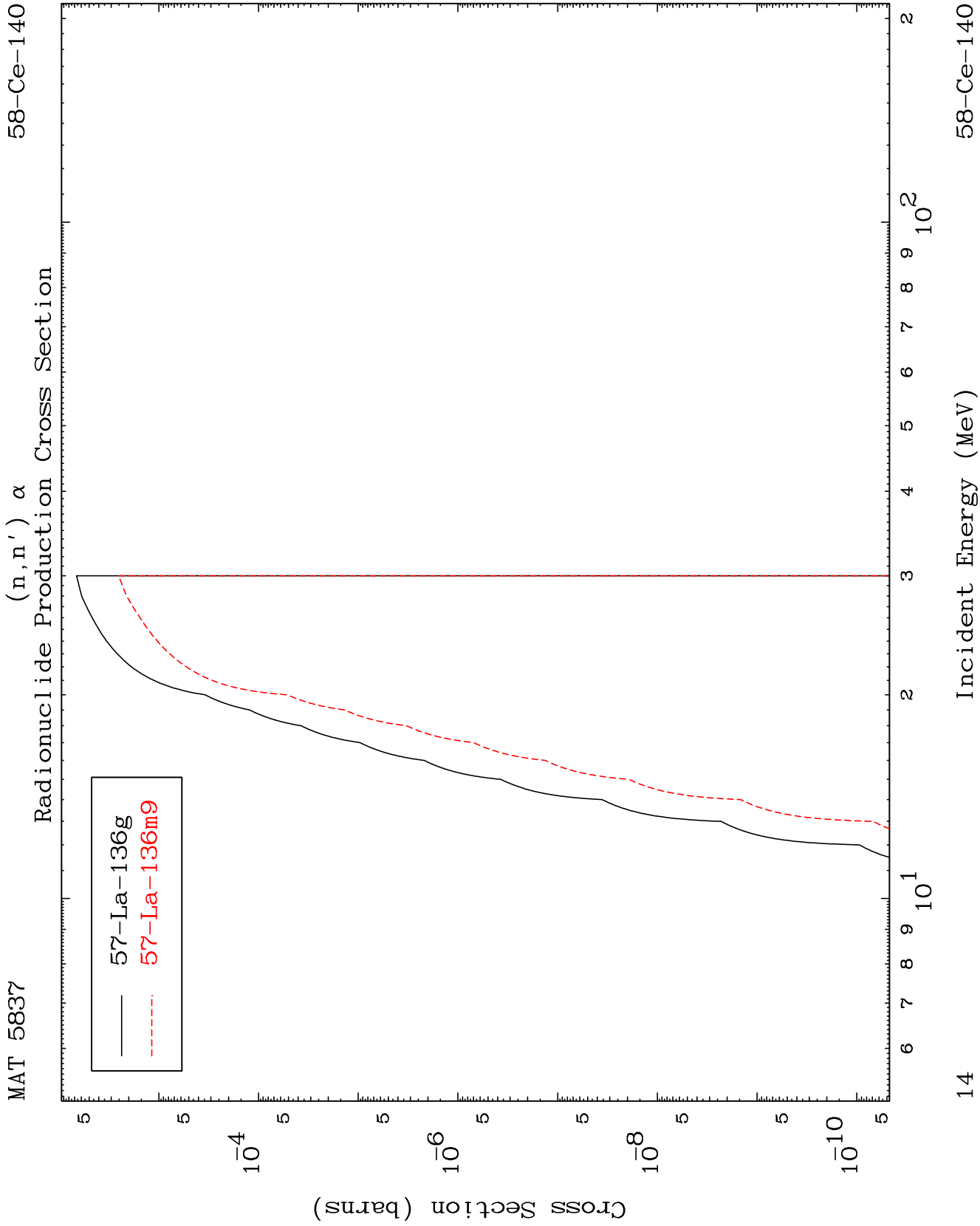
11

58-Ce-140

Radionuclide Production Cross Section



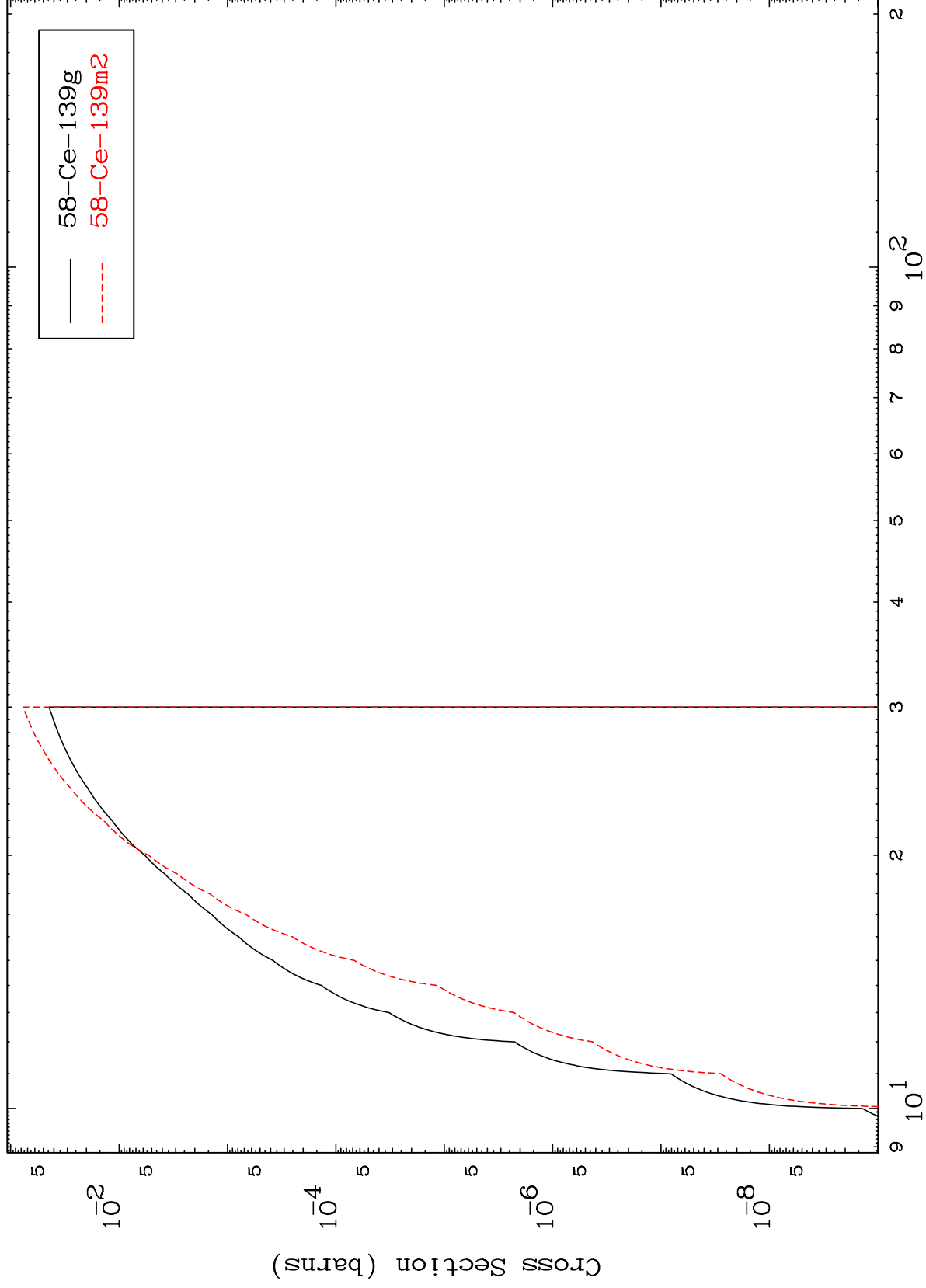




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58-Ce-140

(n,n') p
Radionuclide Production Cross Section



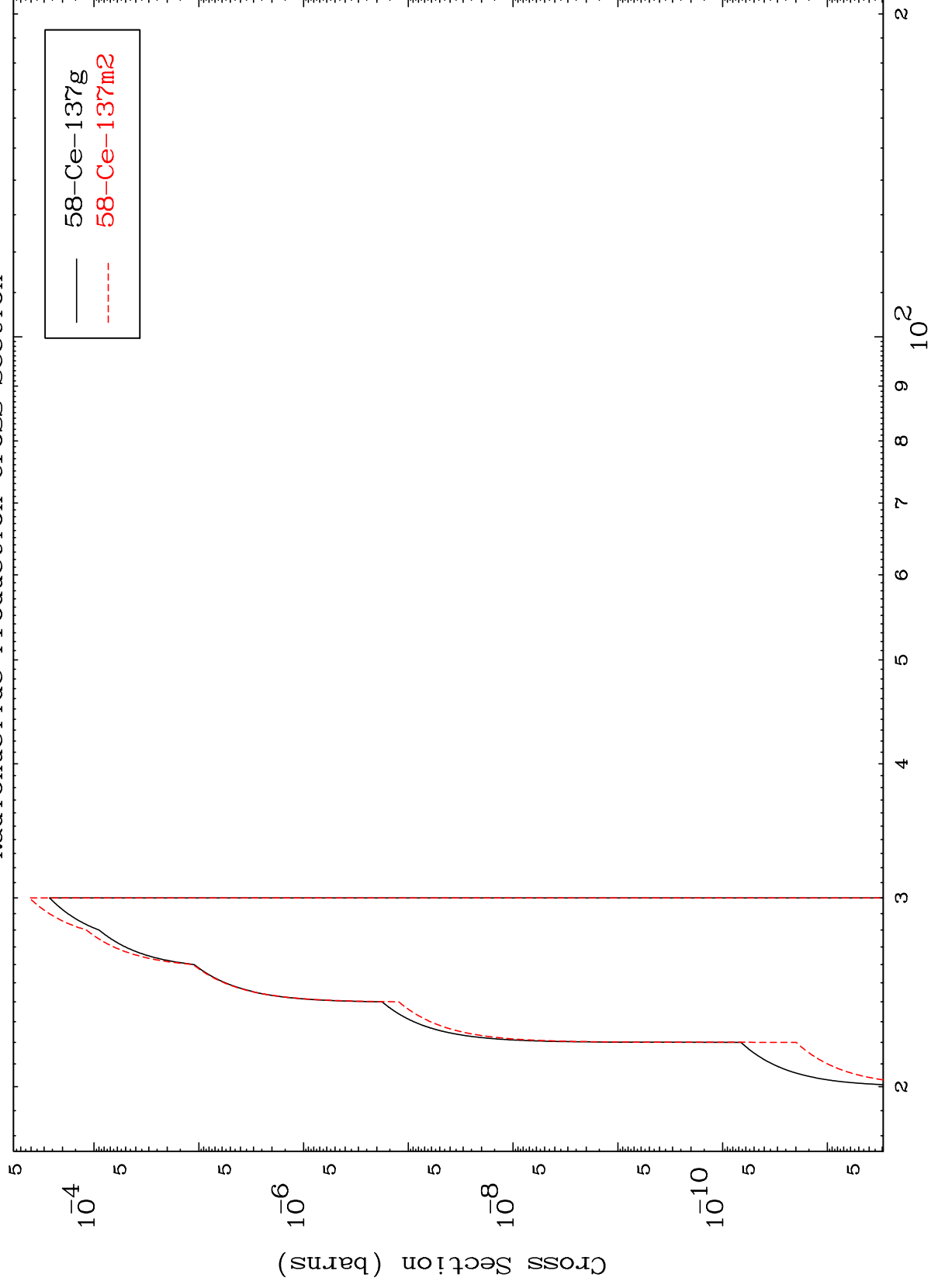
58-Ce-140

Incident Energy (MeV)

MAT 5837

58-Ce-140

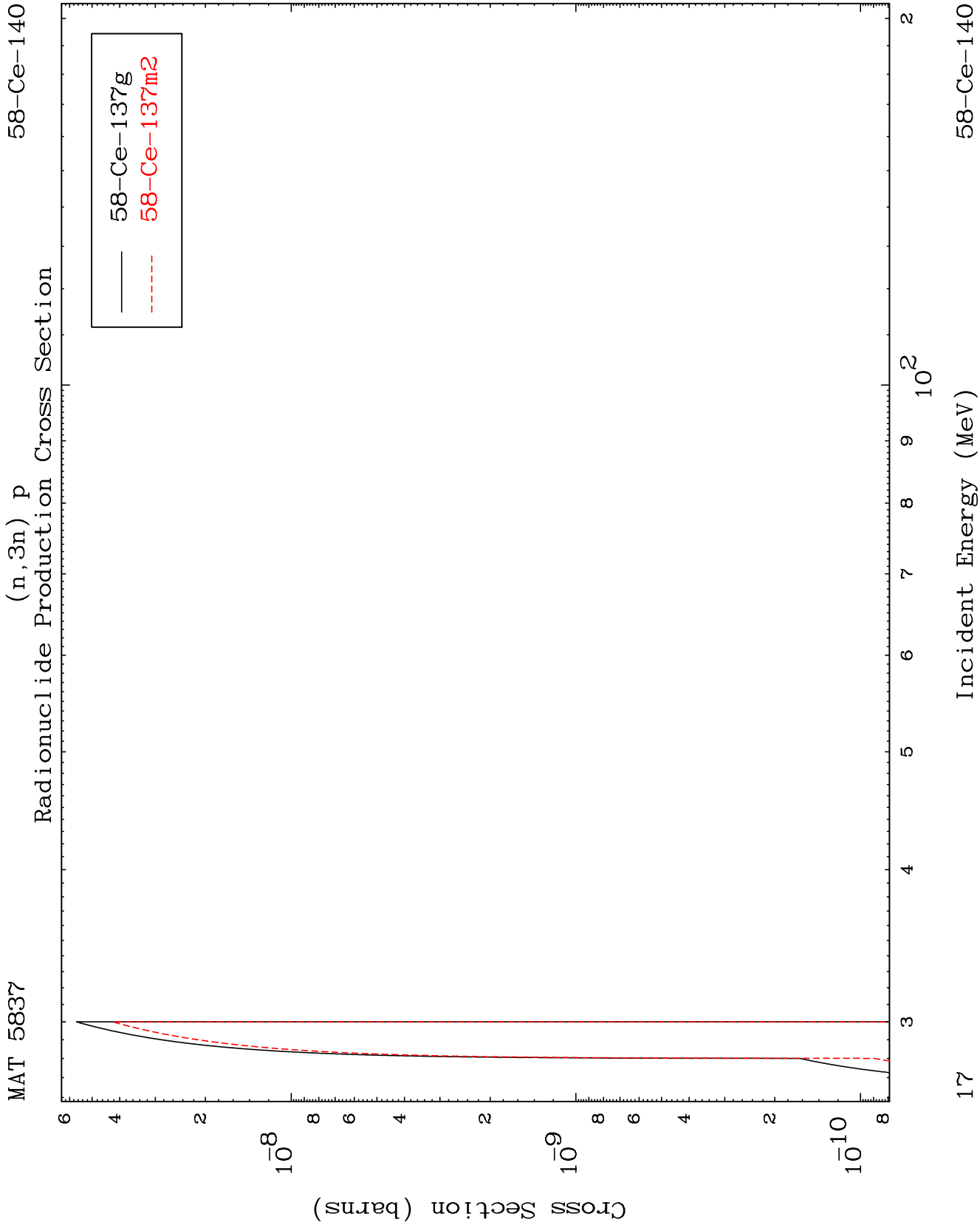
(n,n') t
Radionuclide Production Cross Section



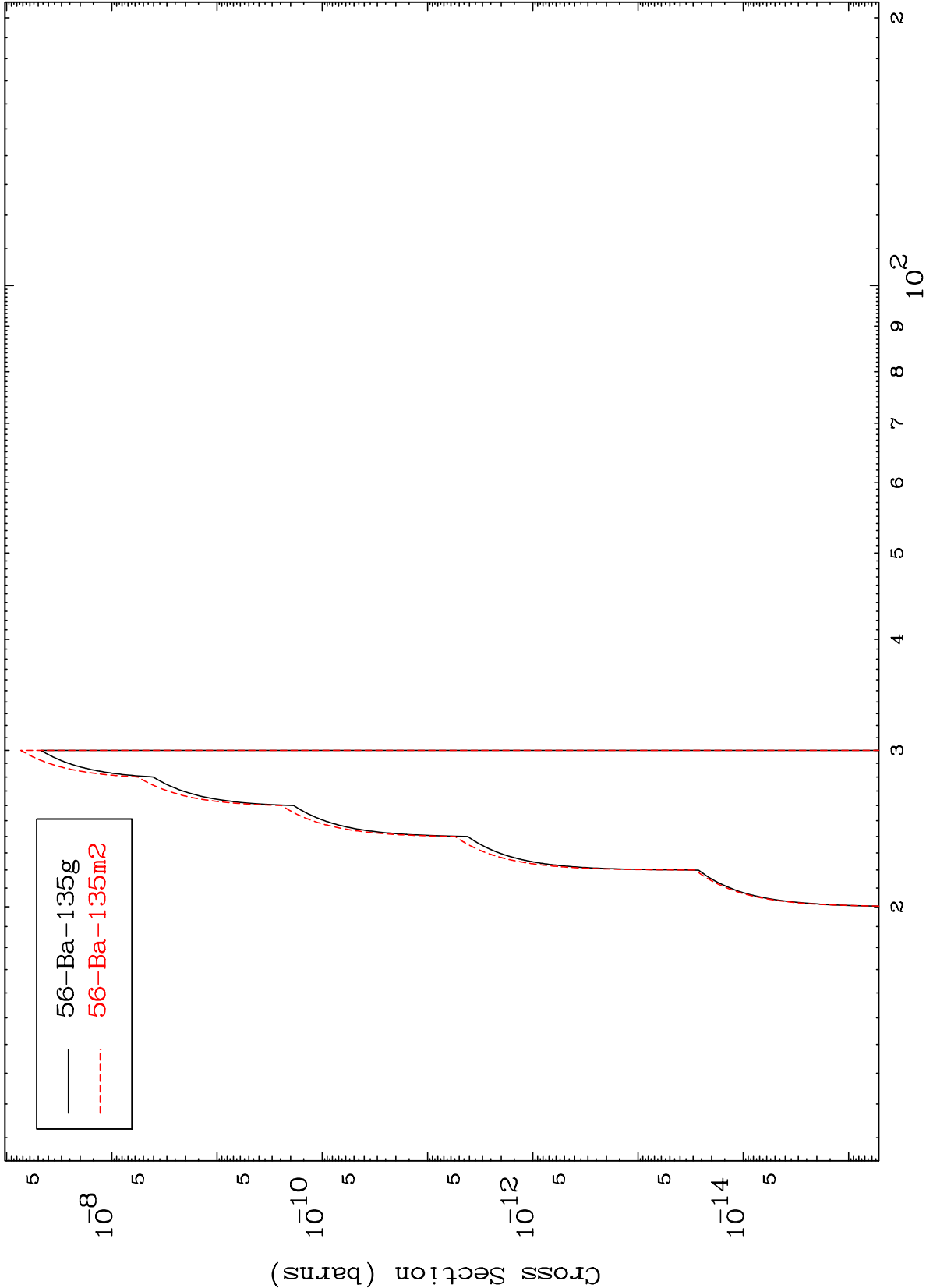
16

Incident Energy (MeV)

58-Ce-140



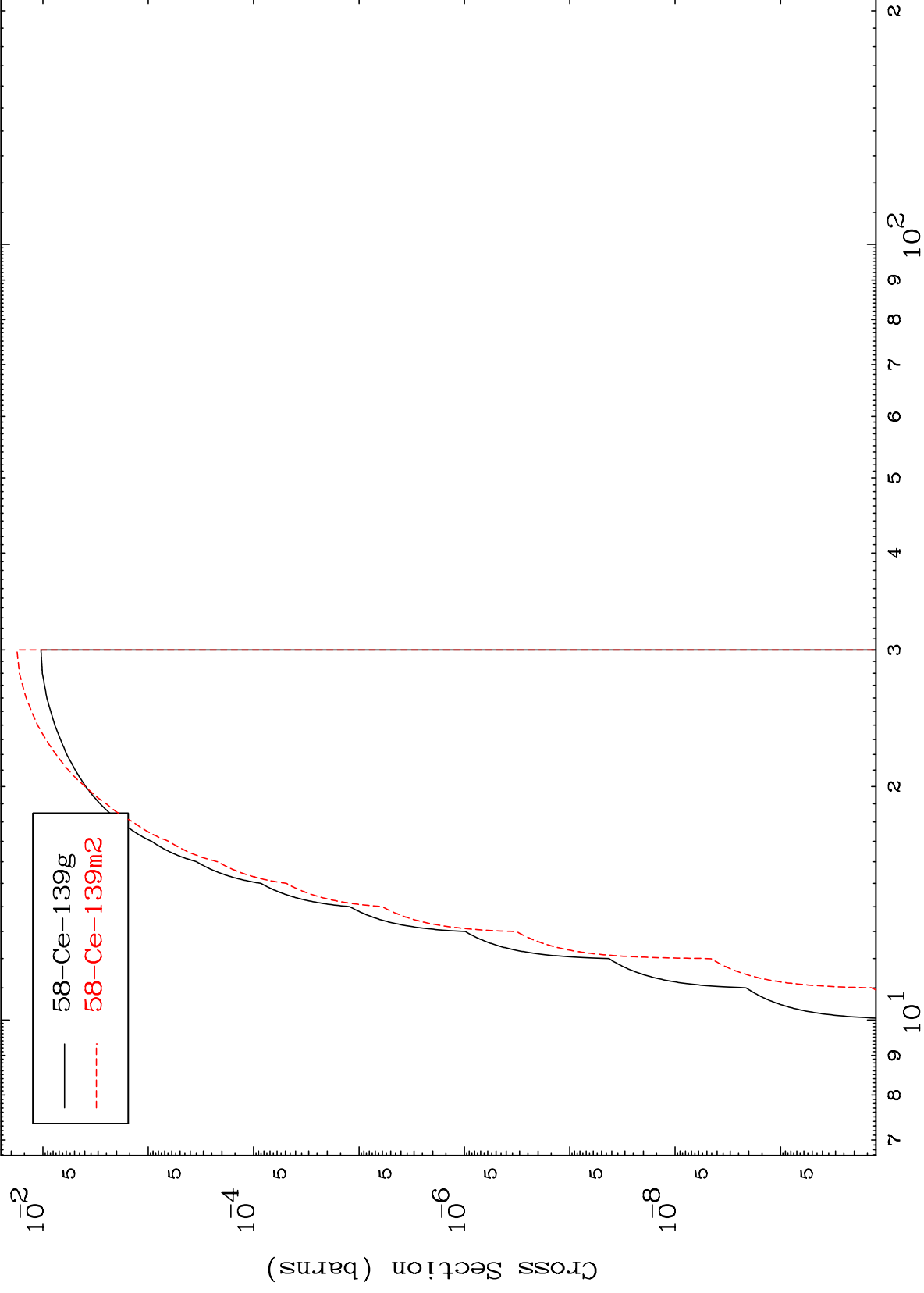
(n,n') p α
Radionuclide Production Cross Section



MAT 5837

58-Ce-140

(n,d)
Radionuclide Production Cross Section



19

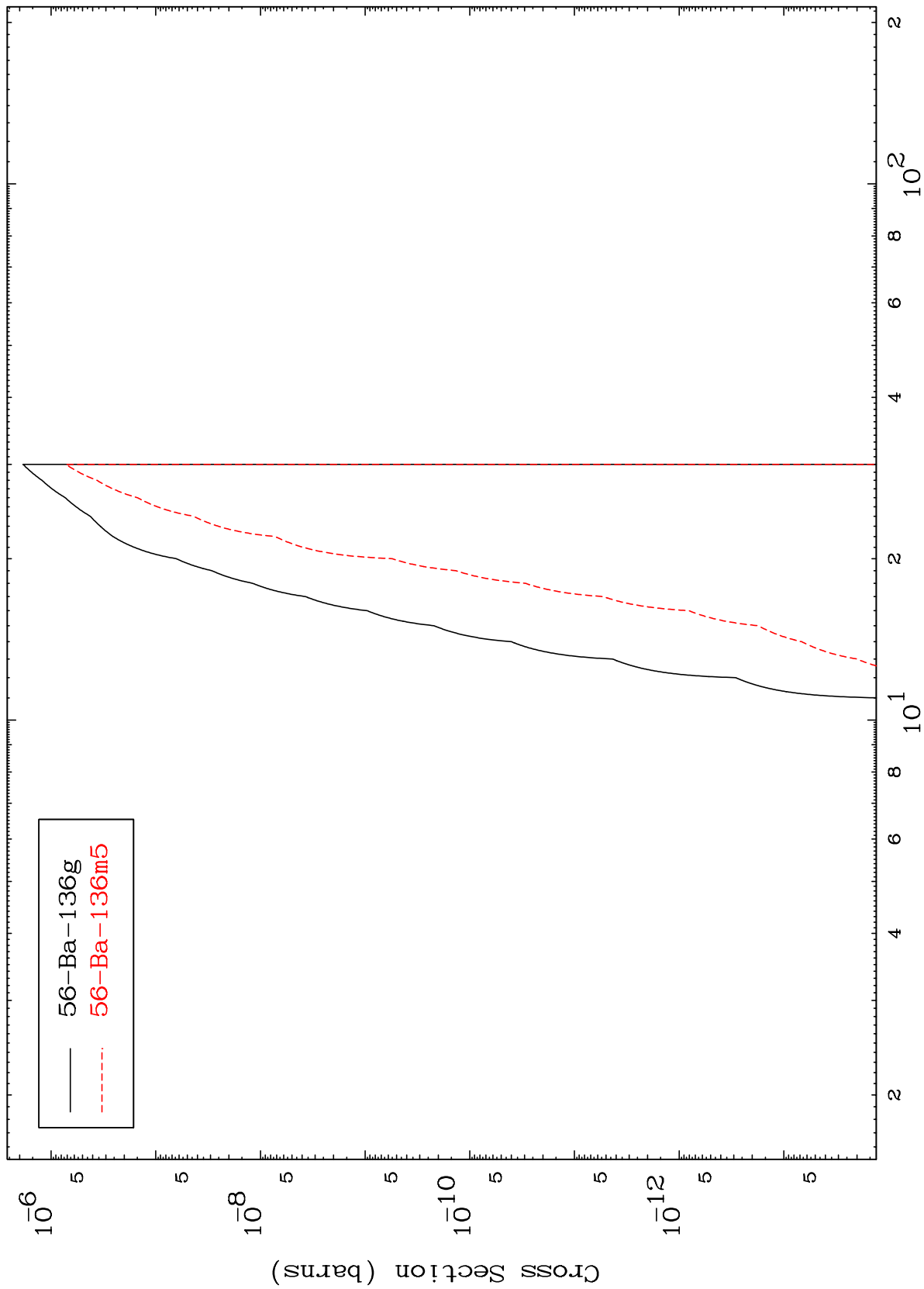
Incident Energy (MeV)

58-Ce-140

MAT 5837

58-Ce-140

(n,p) α
Radionuclide Production Cross Section



20

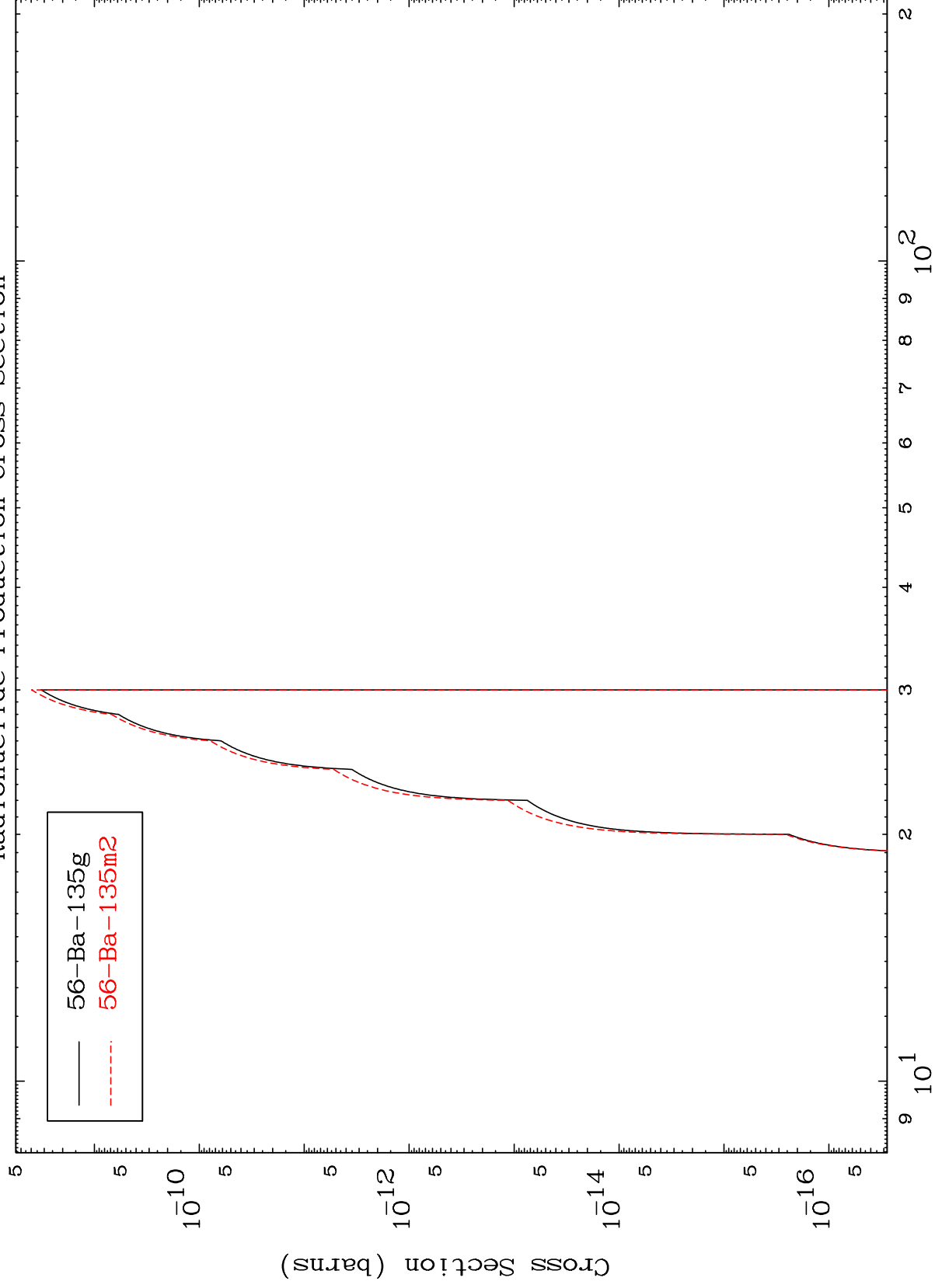
Incident Energy (MeV)

58-Ce-140

MAT 5837

58-Ce-140

(n,d) α
Radionuclide Production Cross Section



58-Ce-140

Incident Energy (MeV)

21