

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

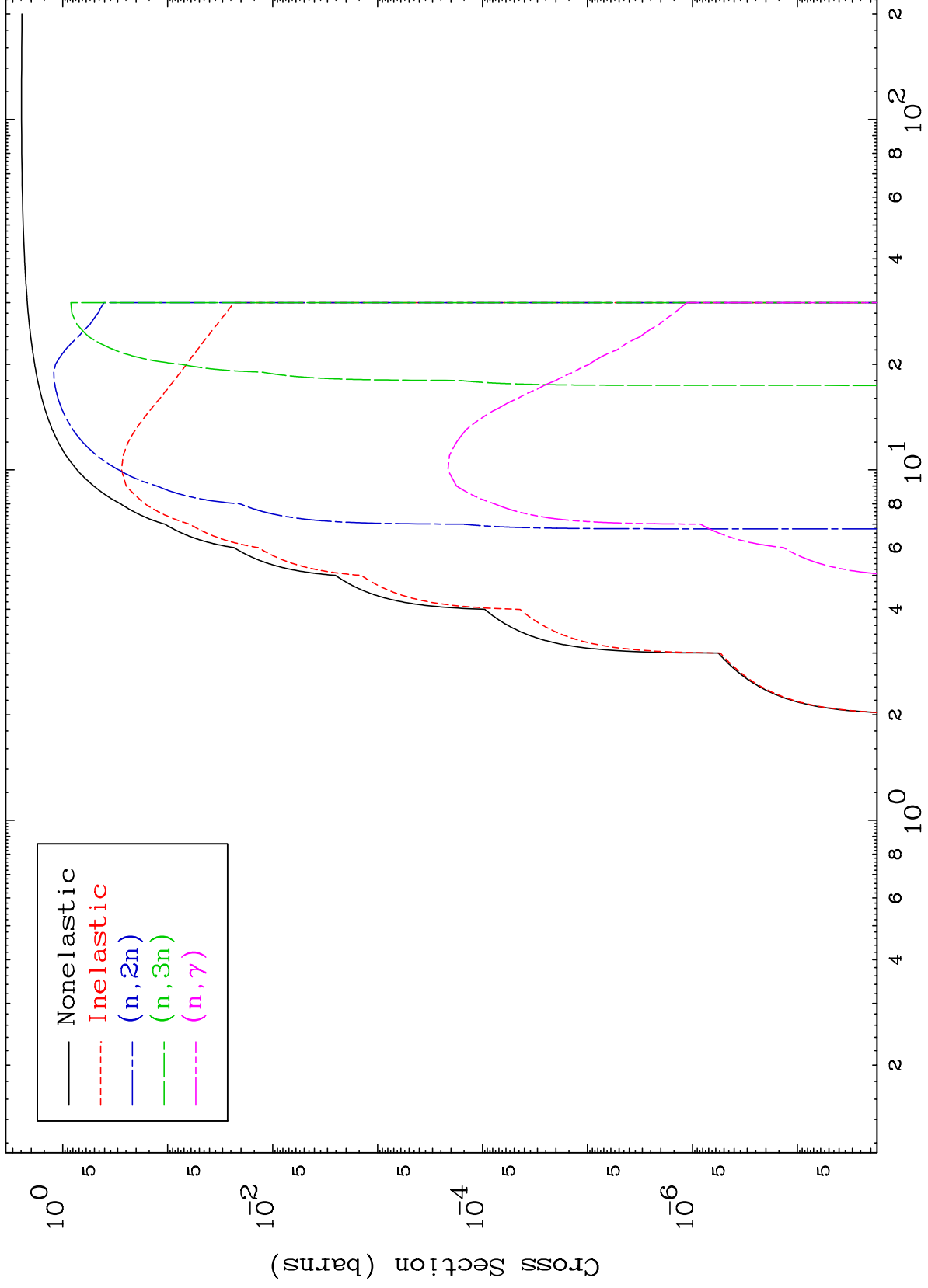
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Web:redcullen1.net/HOMEPAGE.NEW

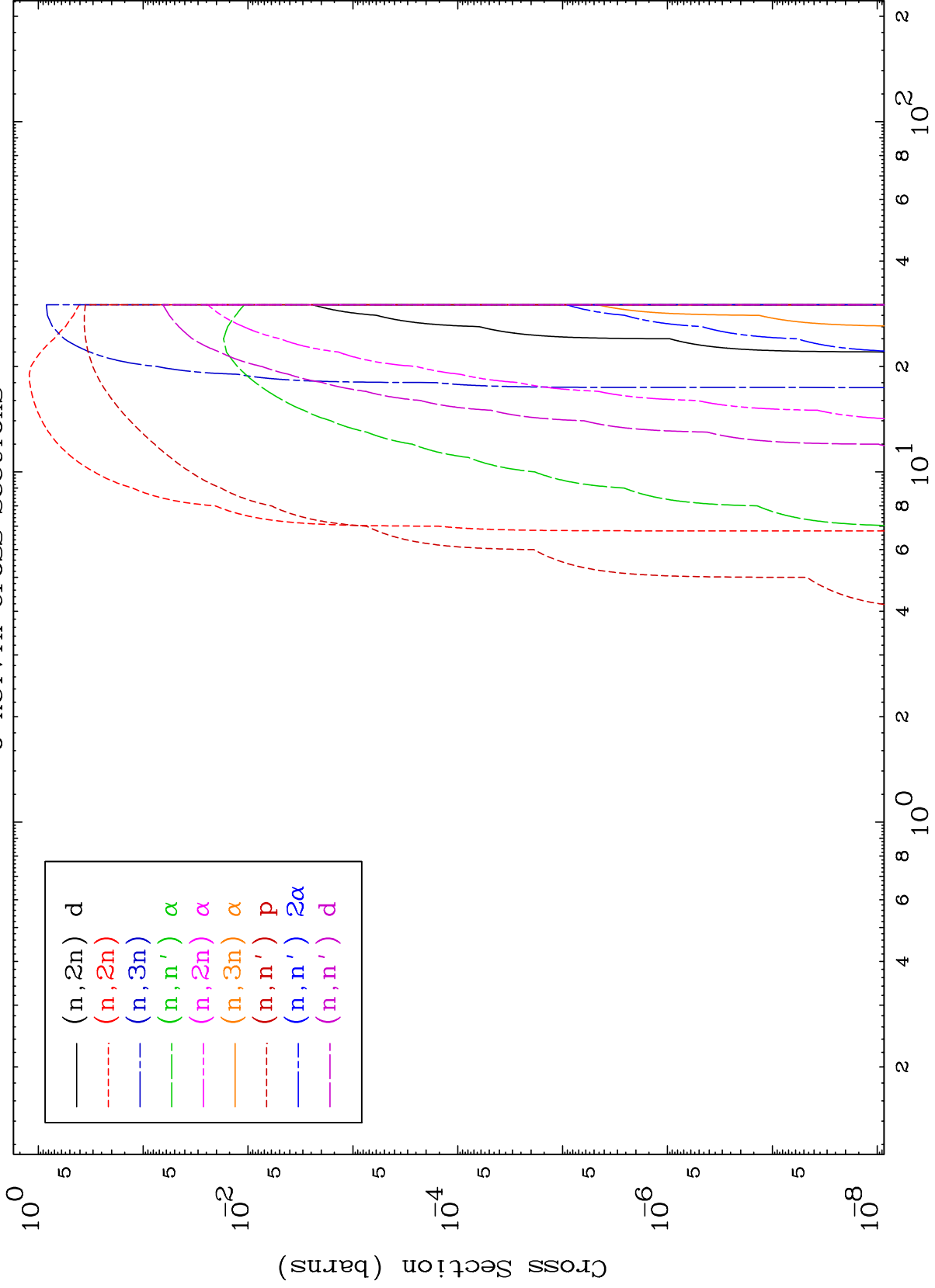
Press Mouse Button to Start

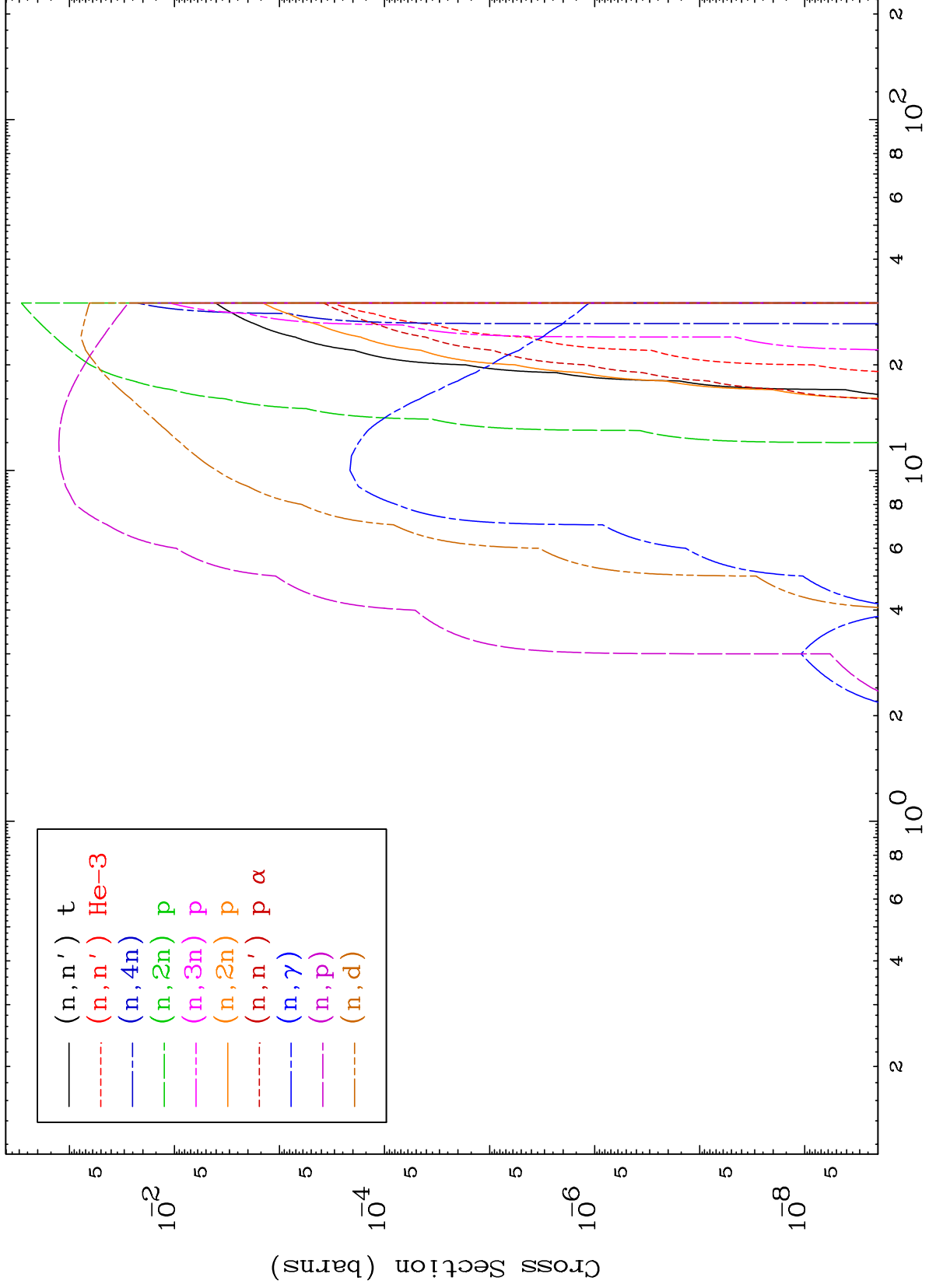


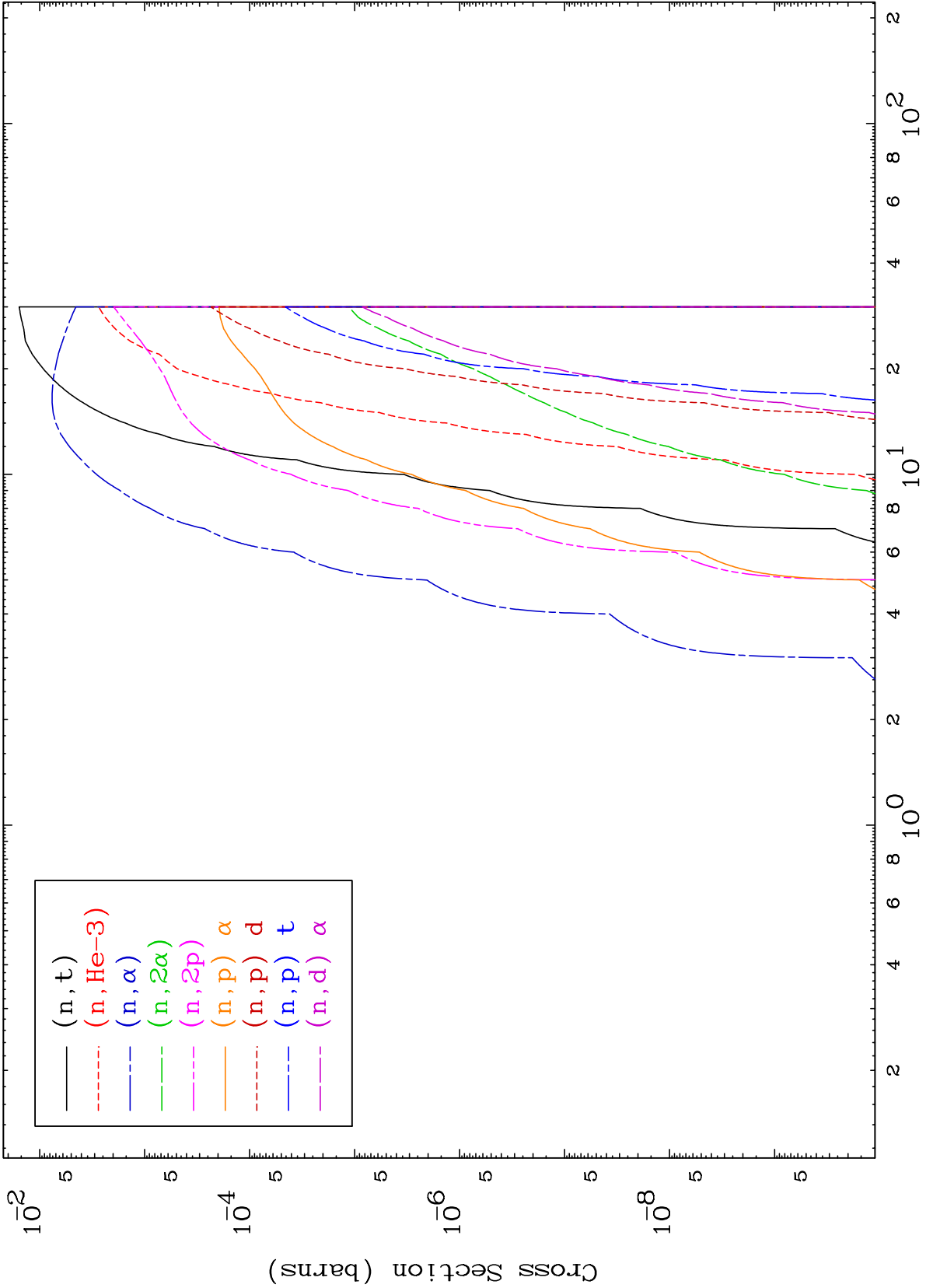
MAT 5822

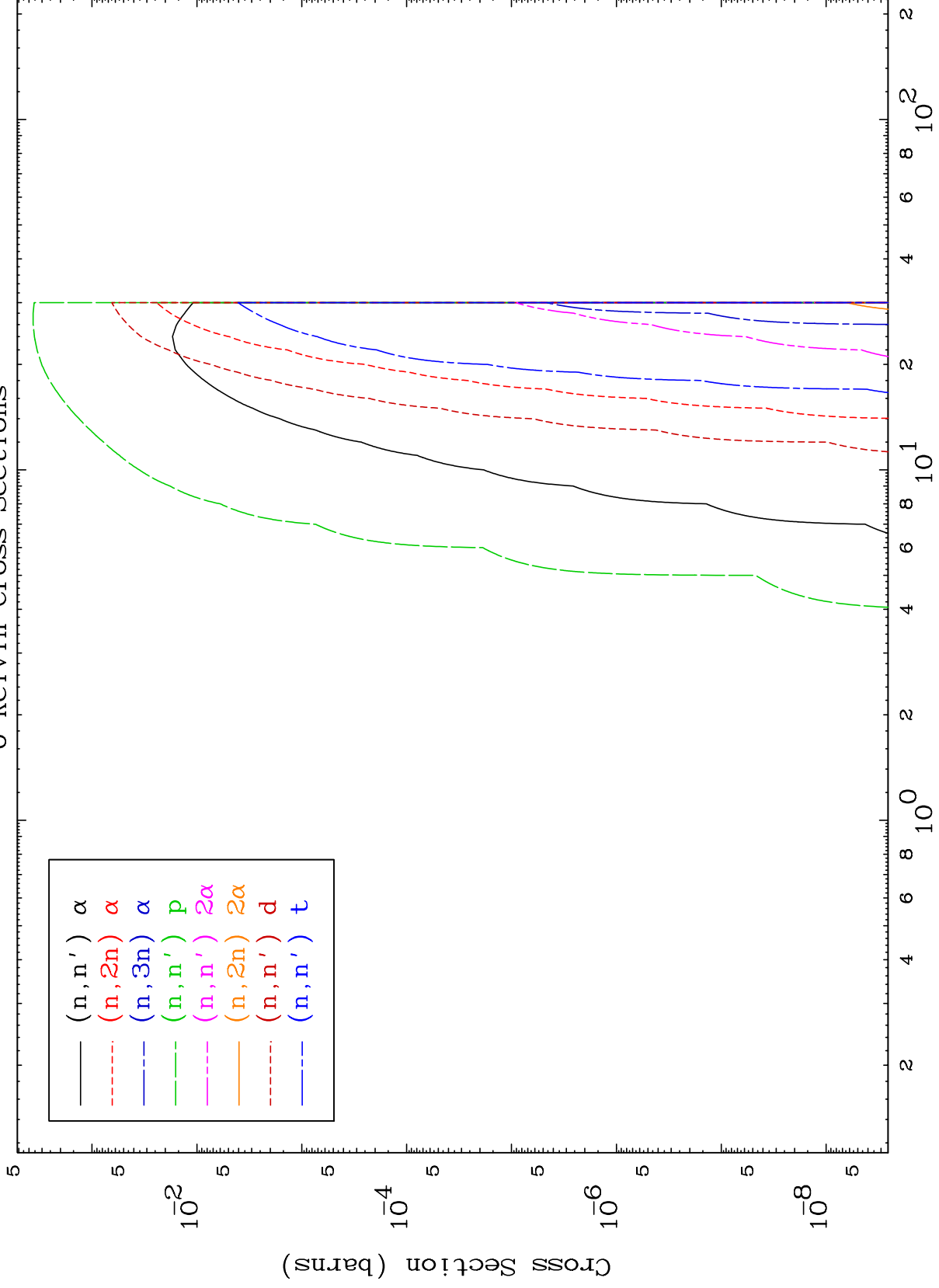
Deuteron Neutron Absorption
0 Kelvin Cross Sections

58-Ce-135





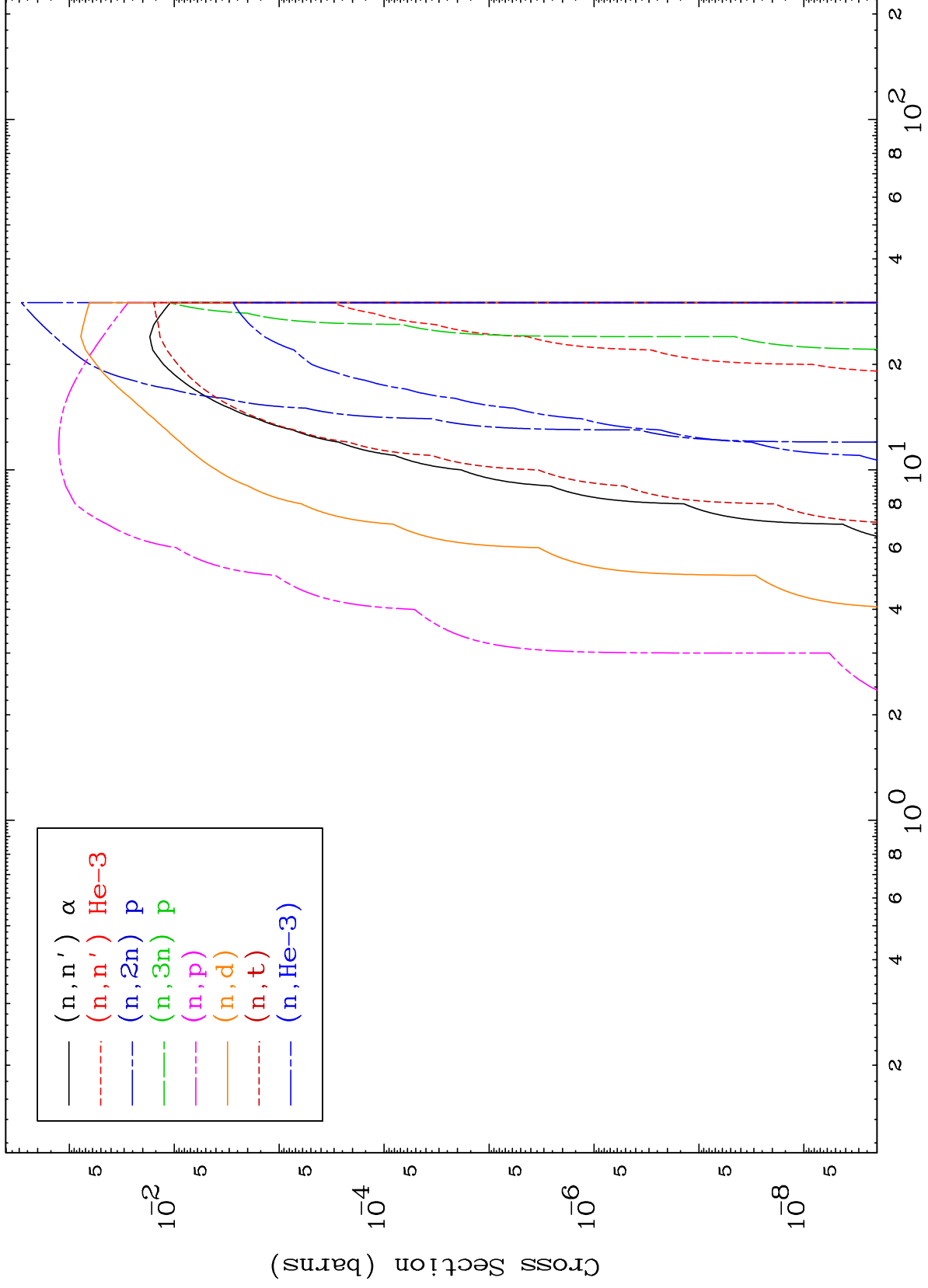


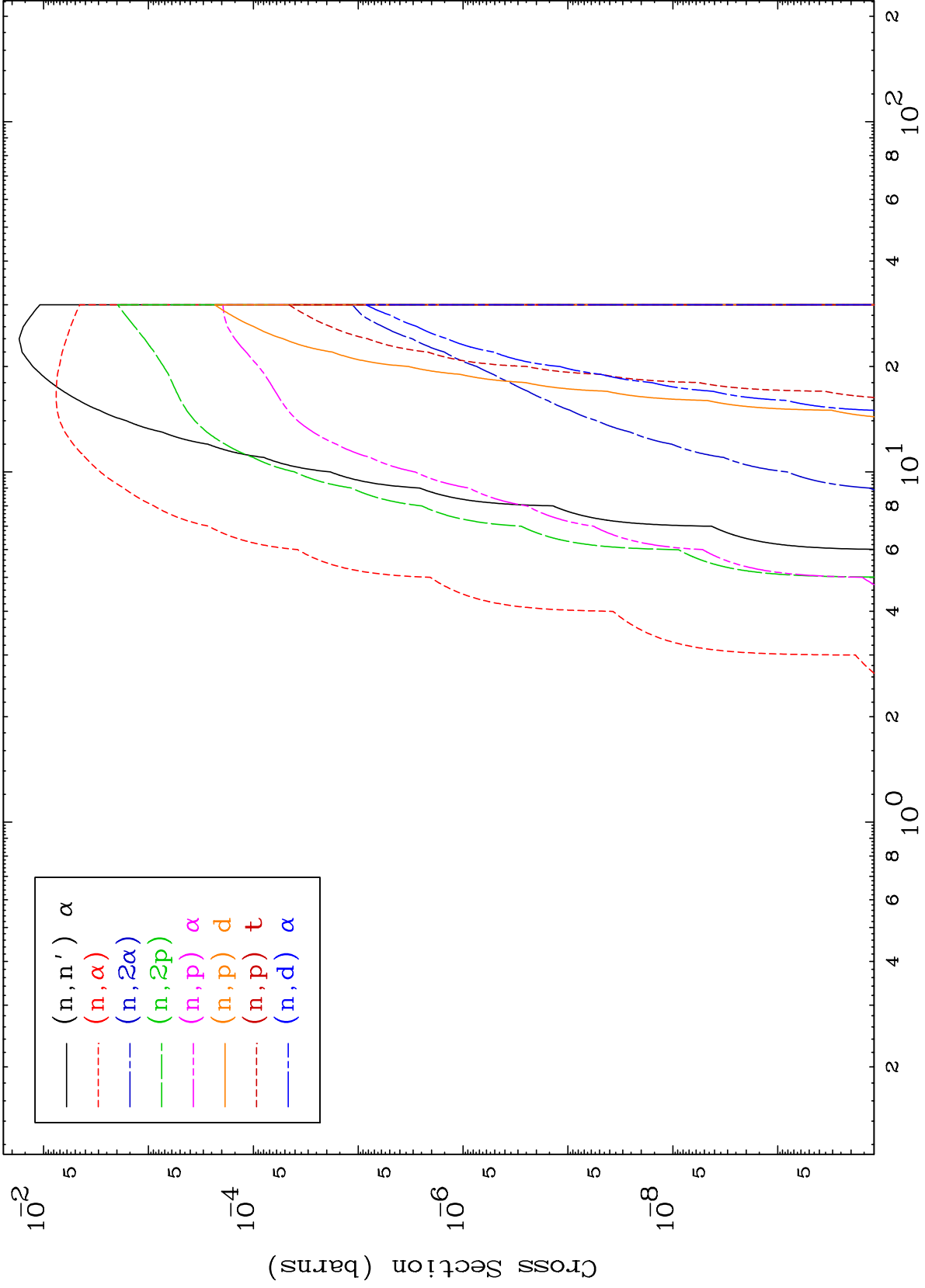


MAT 5822

Deuteron Charged Particle
0 Kelvin Cross Sections

58-Ce-135

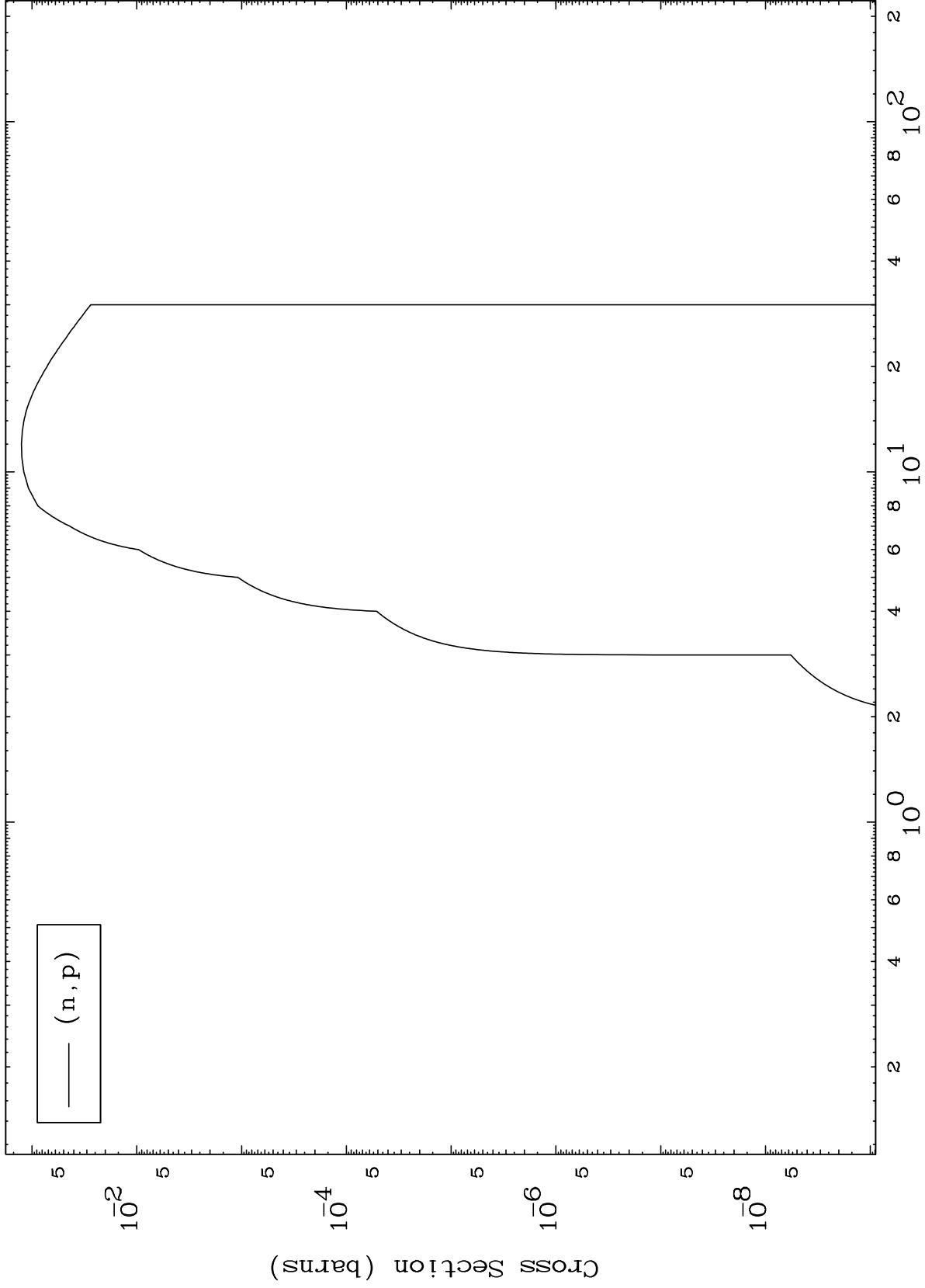




MAT 58222

(d,p) Levels
0 Kelvin Cross Sections

58-Ce-135

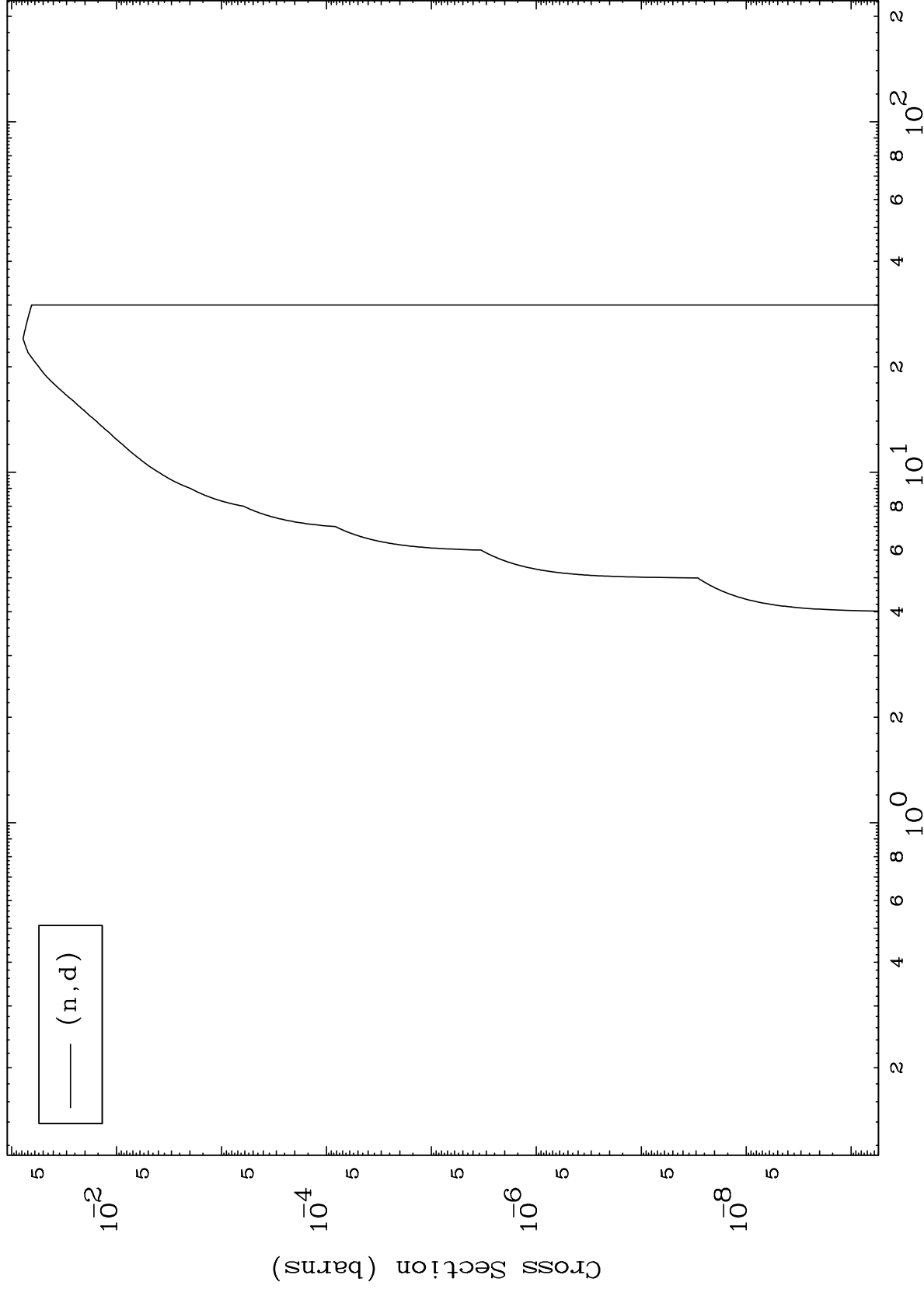


MAT 58222

(d,d) Levels

58-Ce-135

0 Kelvin Cross Sections

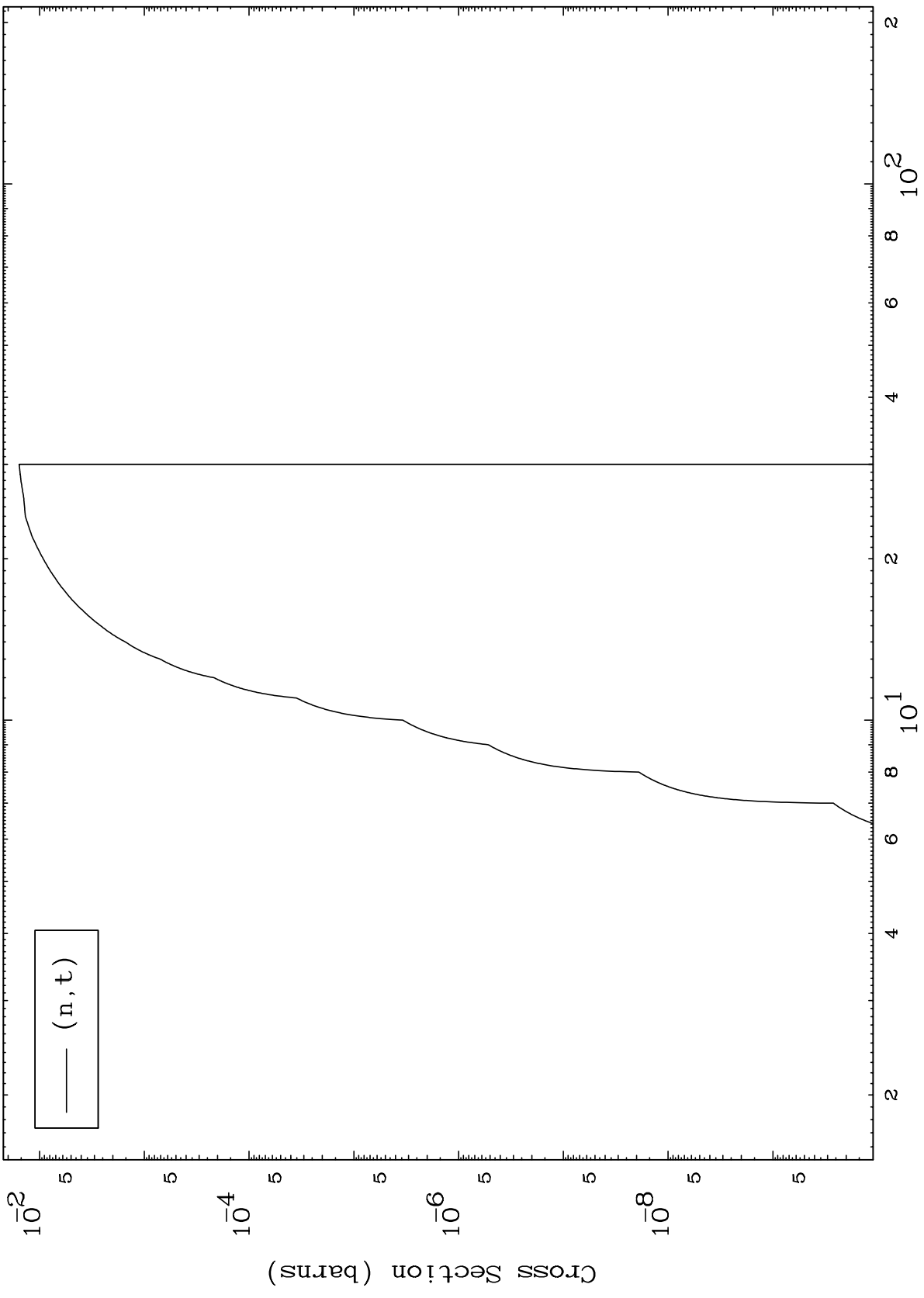


MAT 5822

(d,t) Levels

58-Ce-135

0 Kelvin Cross Sections



10

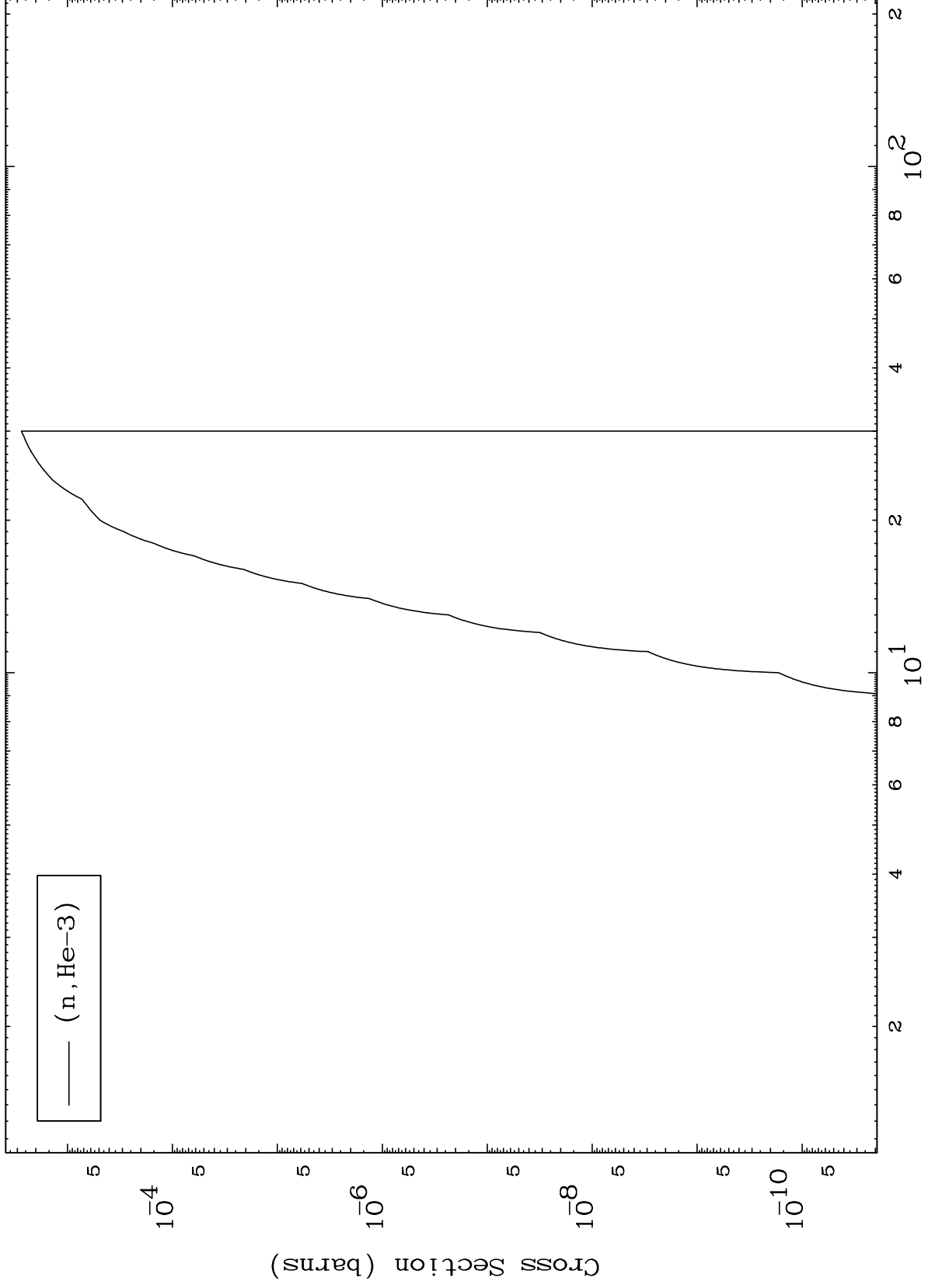
Incident Energy (MeV)

58-Ce-135

MAT 58222

(d,He3) Levels
0 Kelvin Cross Sections

58-Ce-135

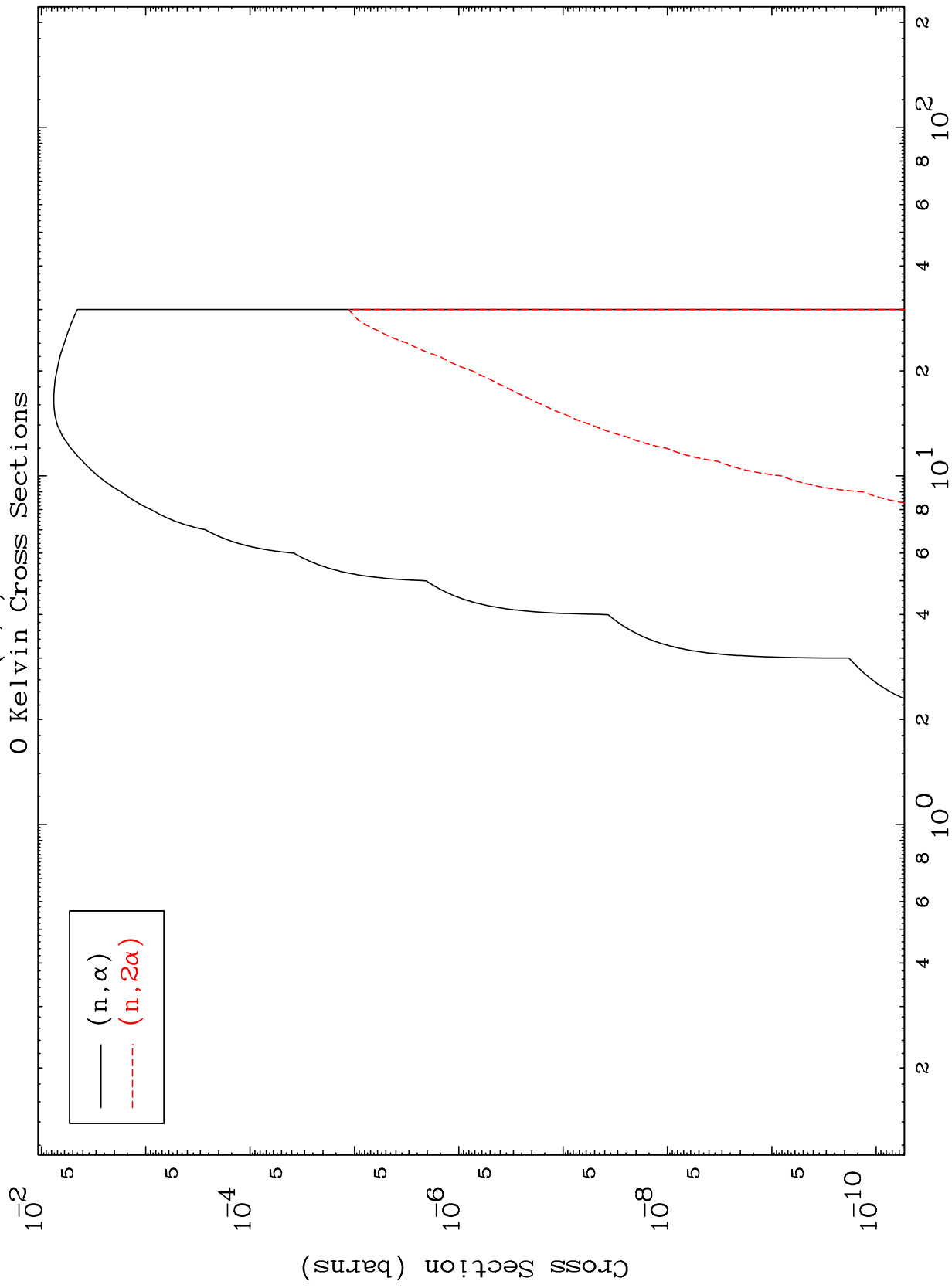


(n, He-3)

MAT 58222

58-Ce-135

(d, α) Levels
0 Kelvin Cross Sections



58-Ce-135

Incident Energy (MeV)

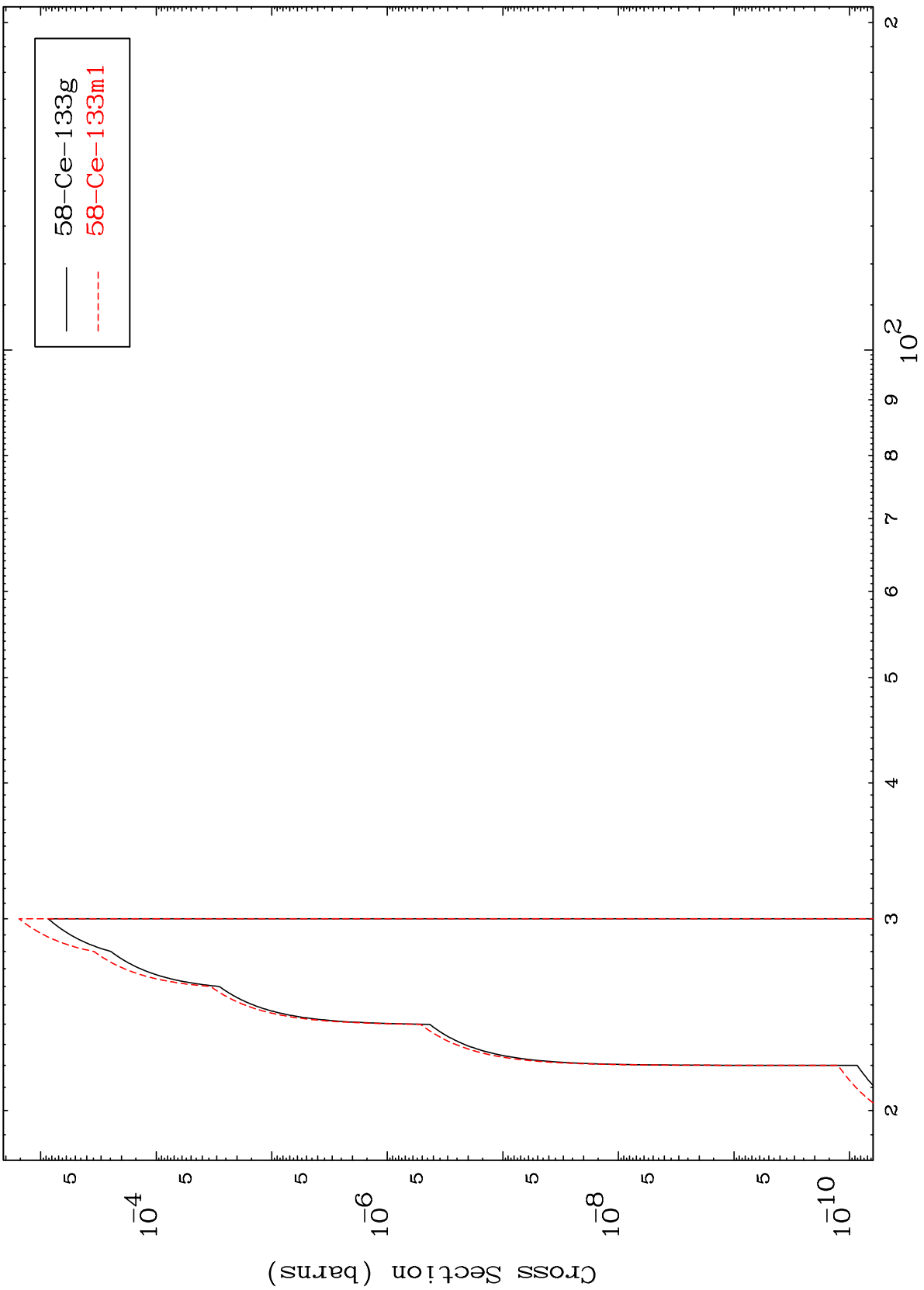
12

MAT 58222

(n,2n) d

58-Ce-135

Radionuclide Production Cross Section



13

Incident Energy (MeV)

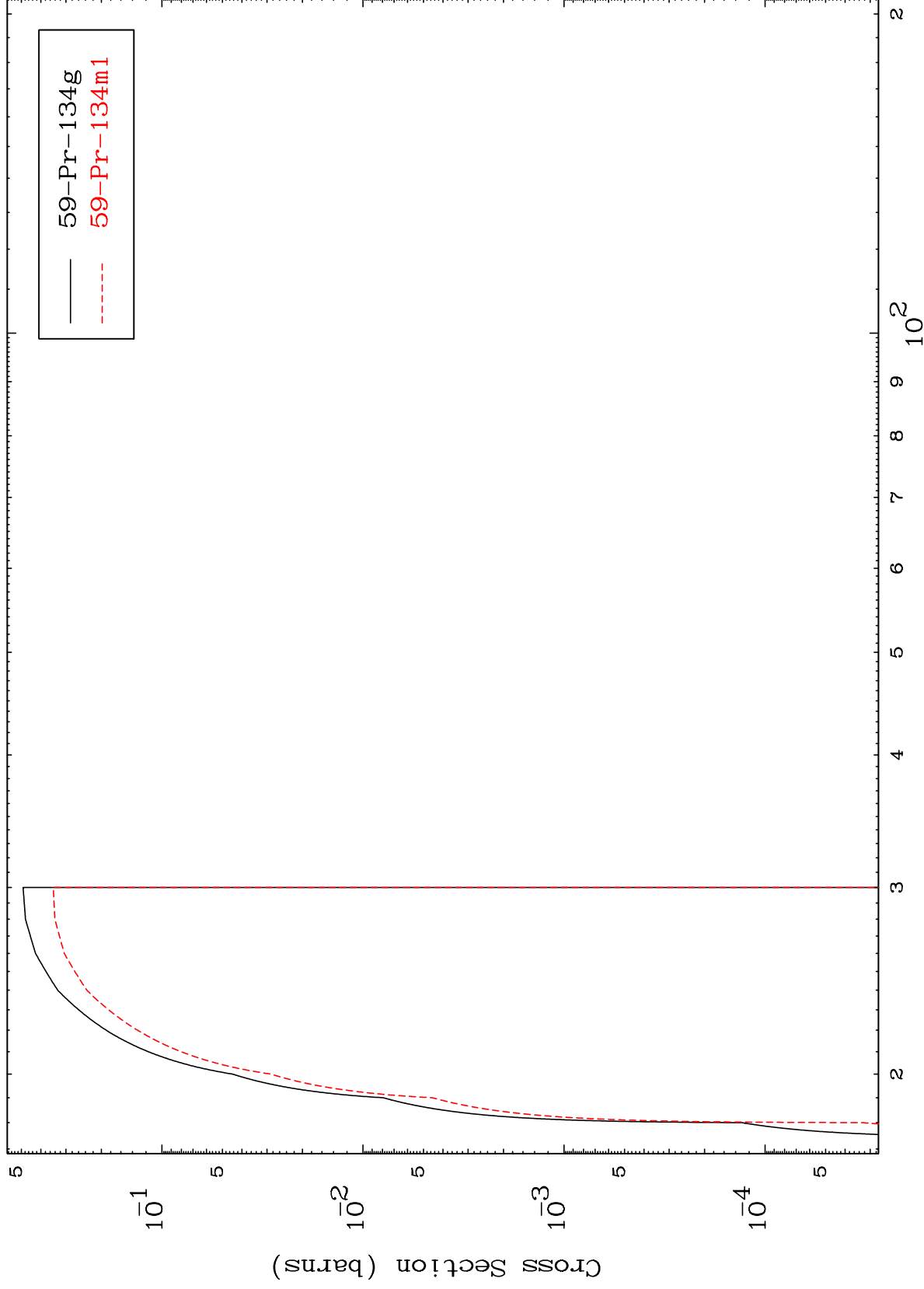
58-Ce-135

MAT 5822

(n,3n)

58-Ce-135

Radionuclide Production Cross Section



14

Incident Energy (MeV)

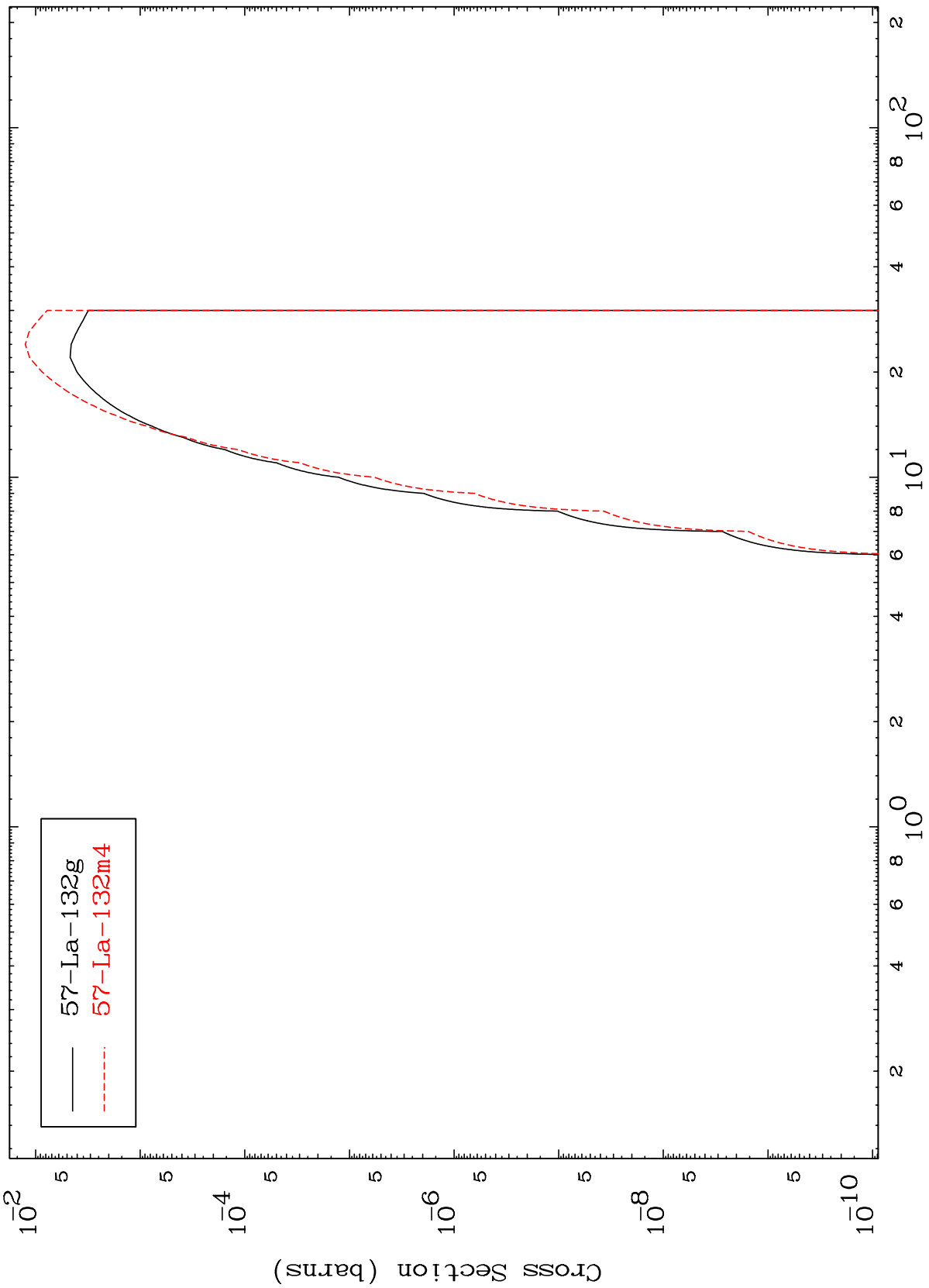
58-Ce-135

MAT 5822

$(n, n') \alpha$

58-Ce-135

Radionuclide Production Cross Section



15

Incident Energy (MeV)

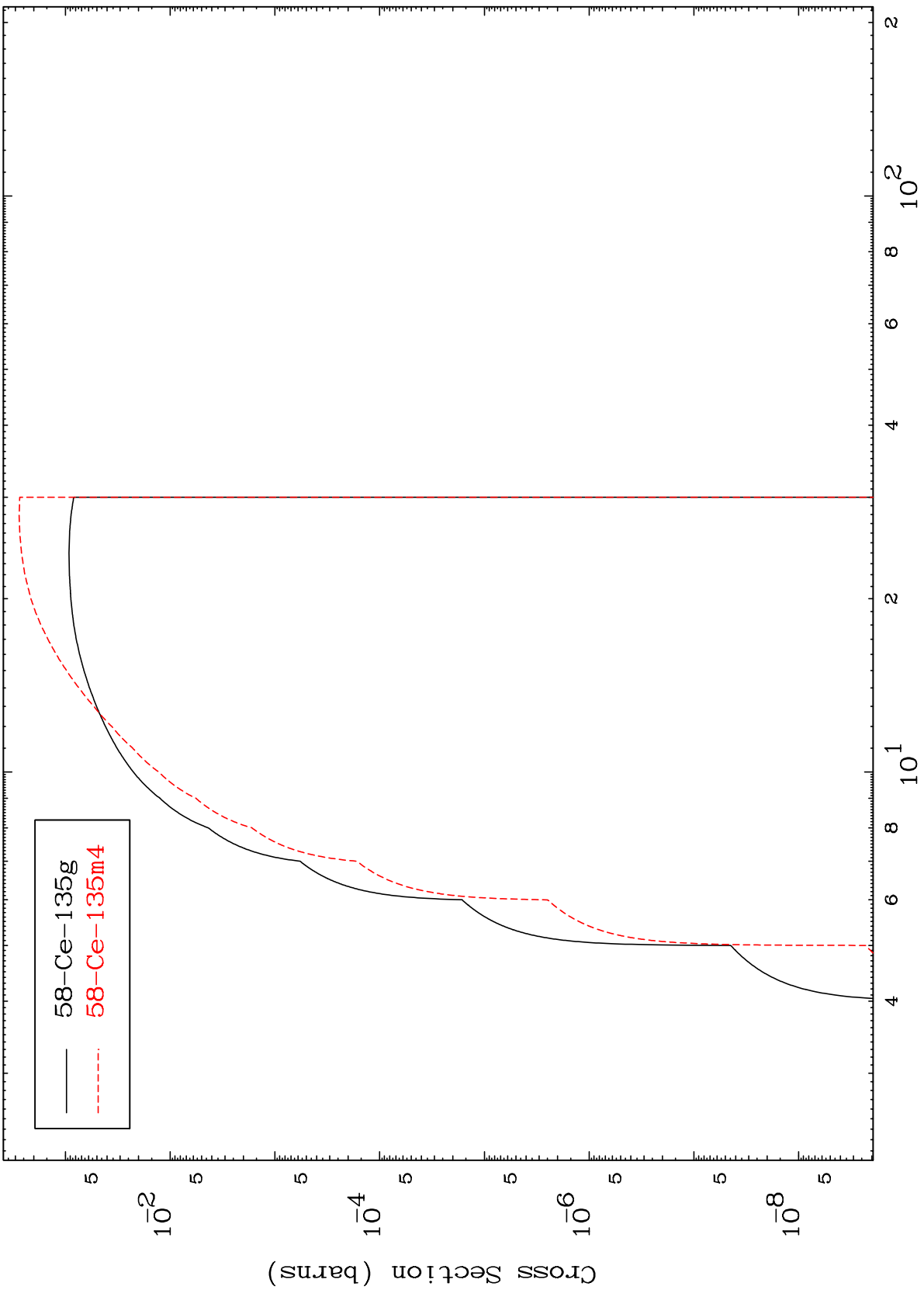
58-Ce-135

MAT 58222

(n,n') p

58-Ce-135

Radionuclide Production Cross Section



16

Incident Energy (MeV)

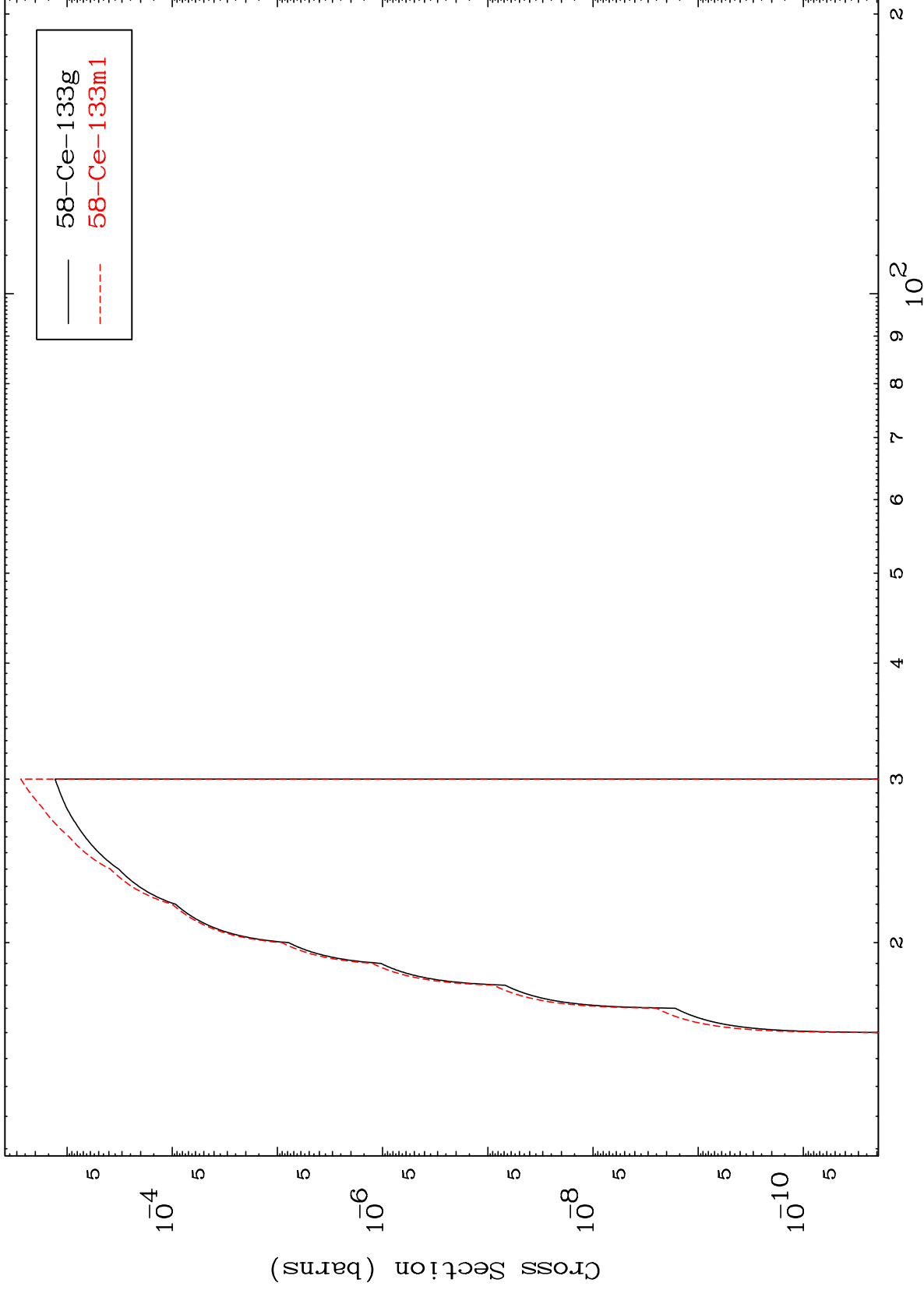
58-Ce-135

MAT 58222

(n,n') t

58-Ce-135

Radionuclide Production Cross Section



17

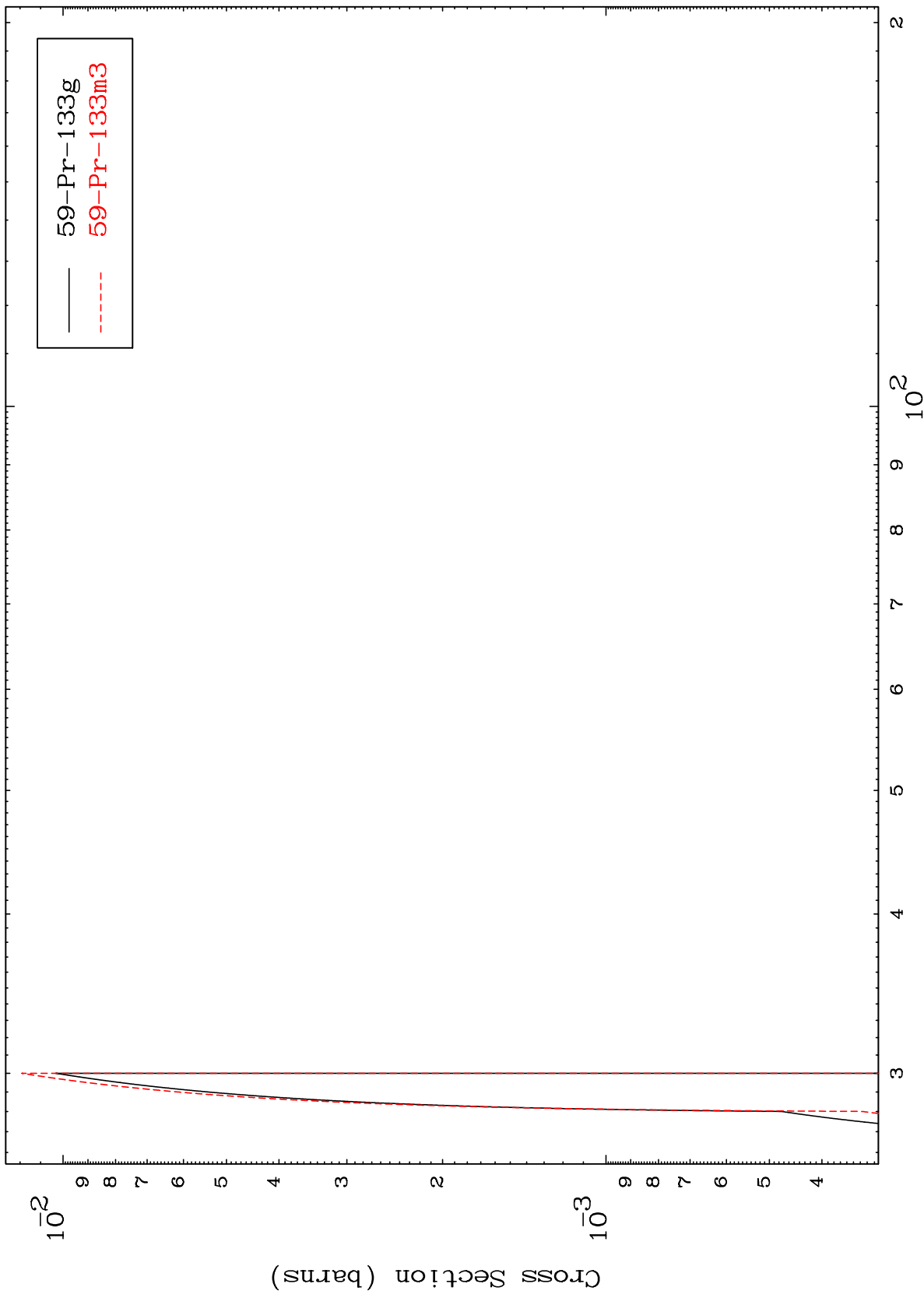
Incident Energy (MeV)

58-Ce-135

MAT 5822

58-Ce-135

(n,4n)
Radionuclide Production Cross Section



58-Ce-135

Incident Energy (MeV)

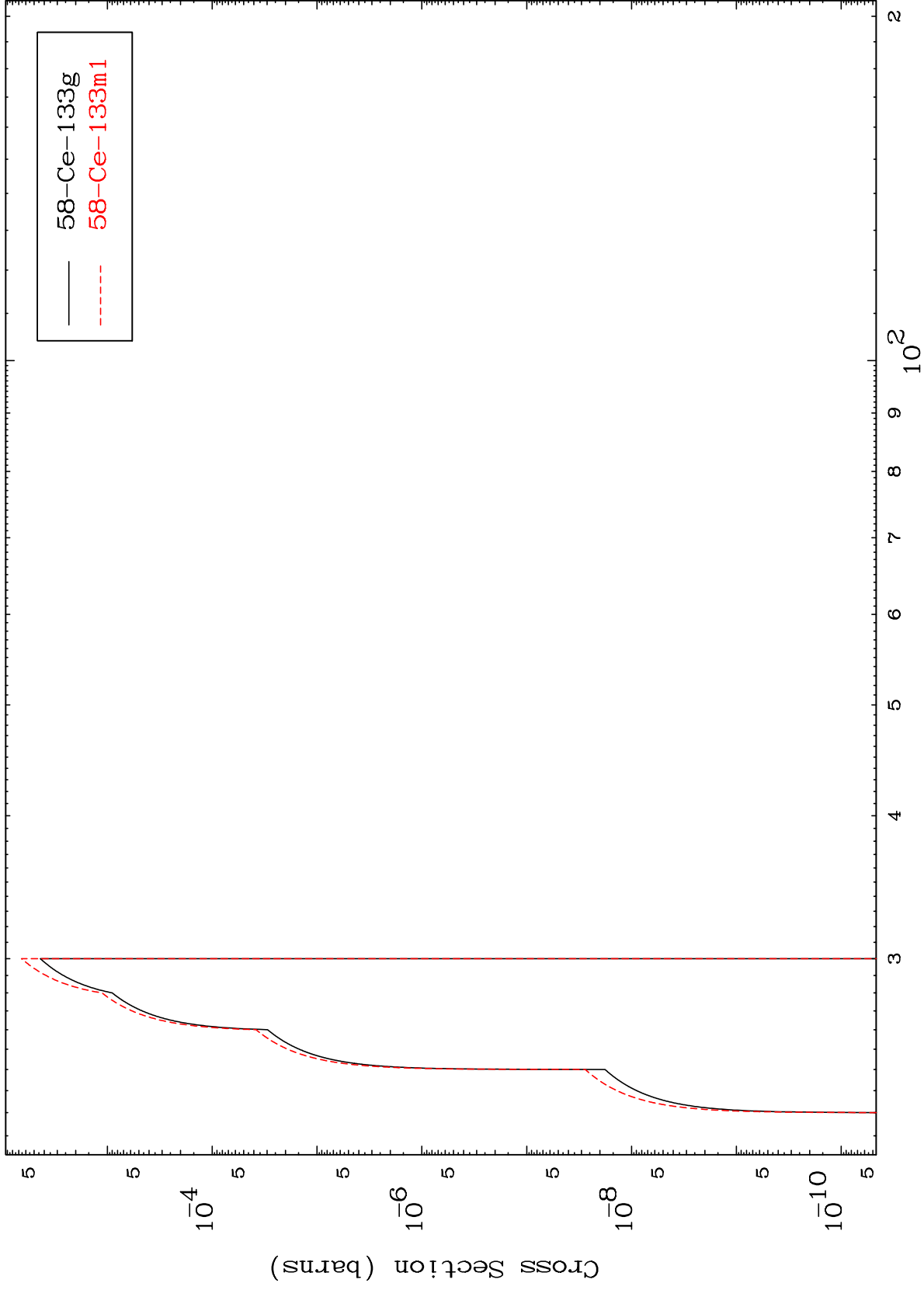
18

MAT 5822

(n,3n) p

58-Ce-135

Radionuclide Production Cross Section



19

Incident Energy (MeV)

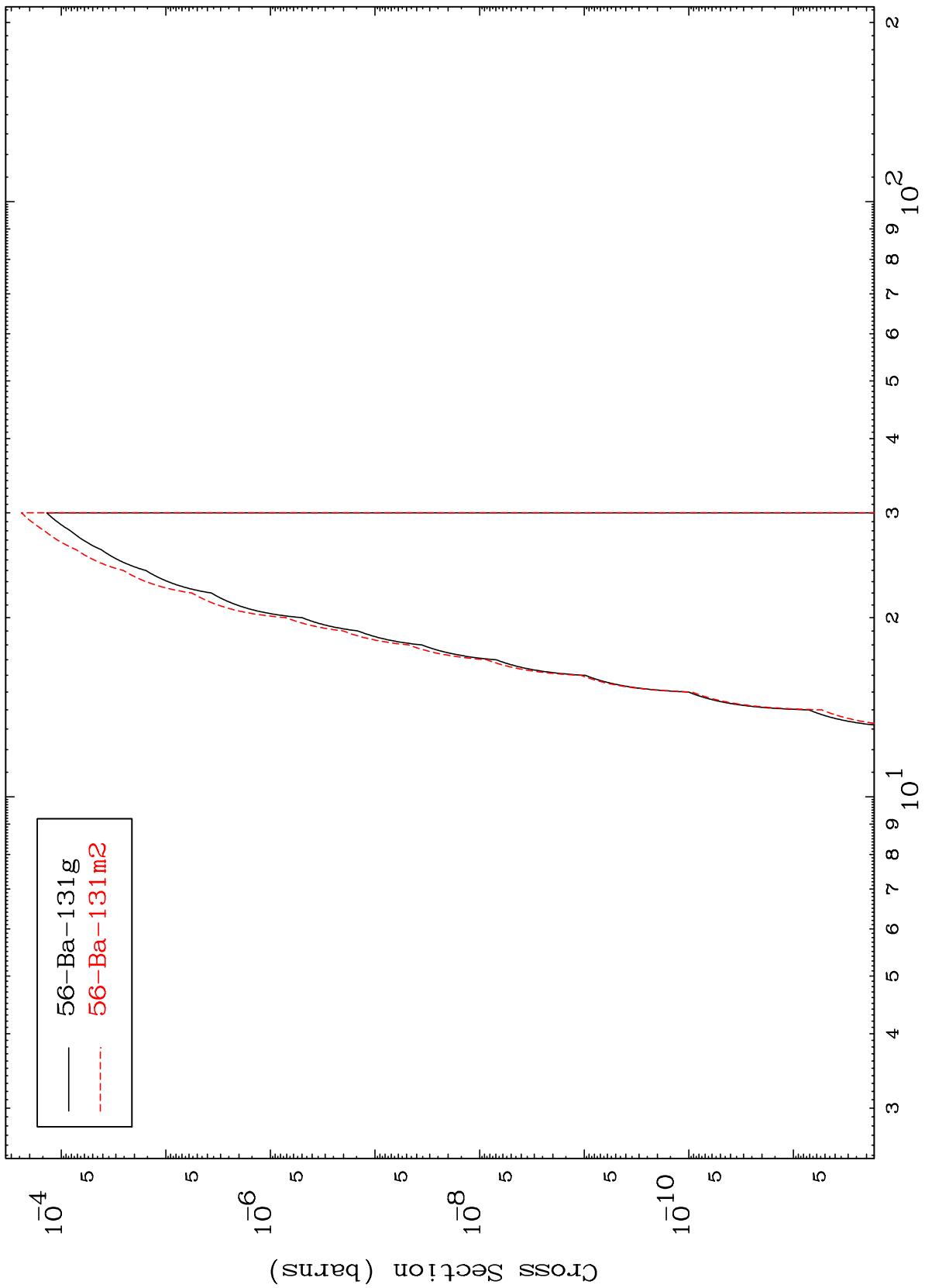
58-Ce-135

MAT 58222

(n,n') p α

58-Ce-135

Radionuclide Production Cross Section



56-Ba-131g
56-Ba-131m2

20

Incident Energy (MeV)

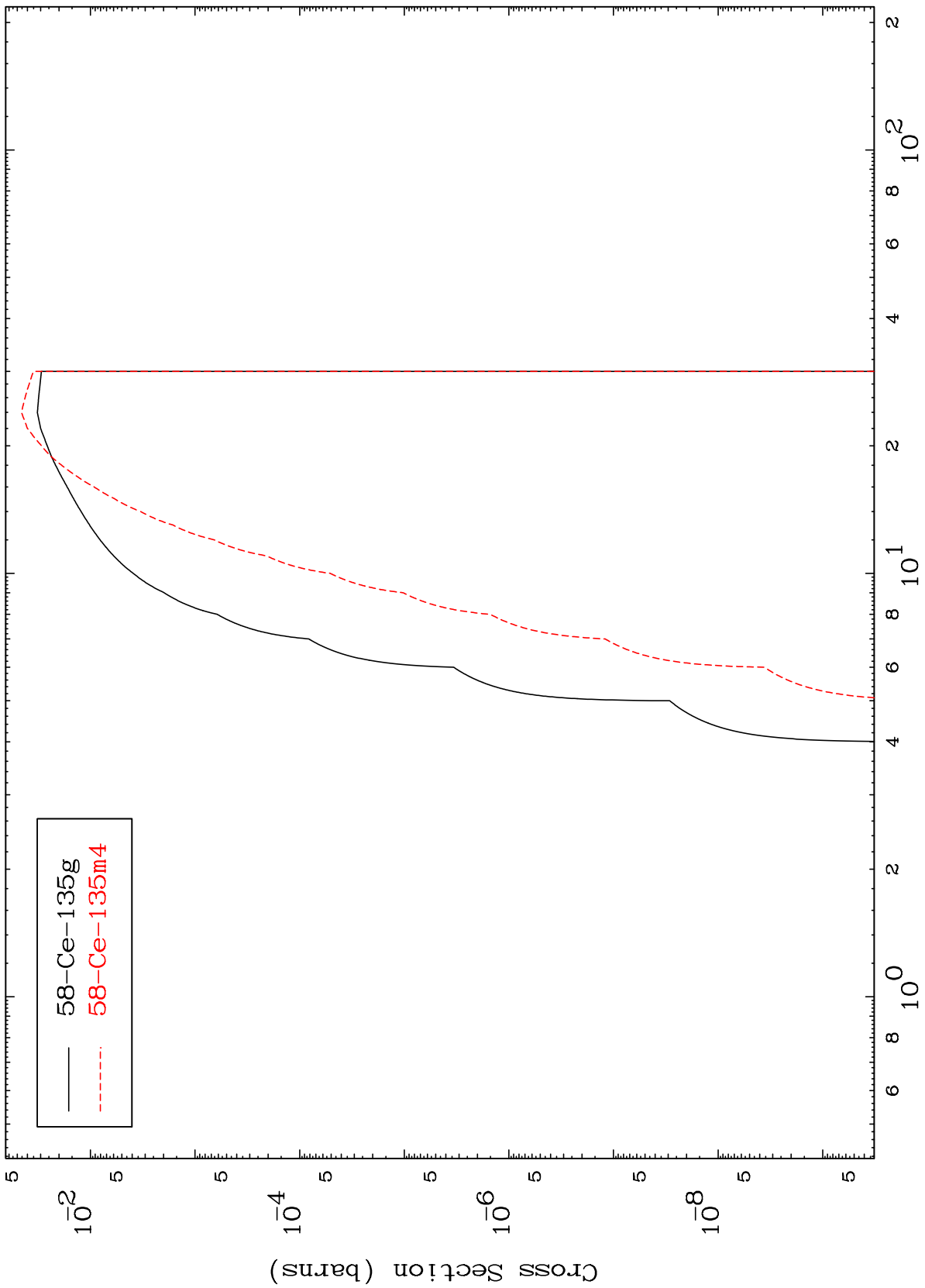
58-Ce-135

MAT 58222

(n,d)

58-Ce-135

Radionuclide Production Cross Section



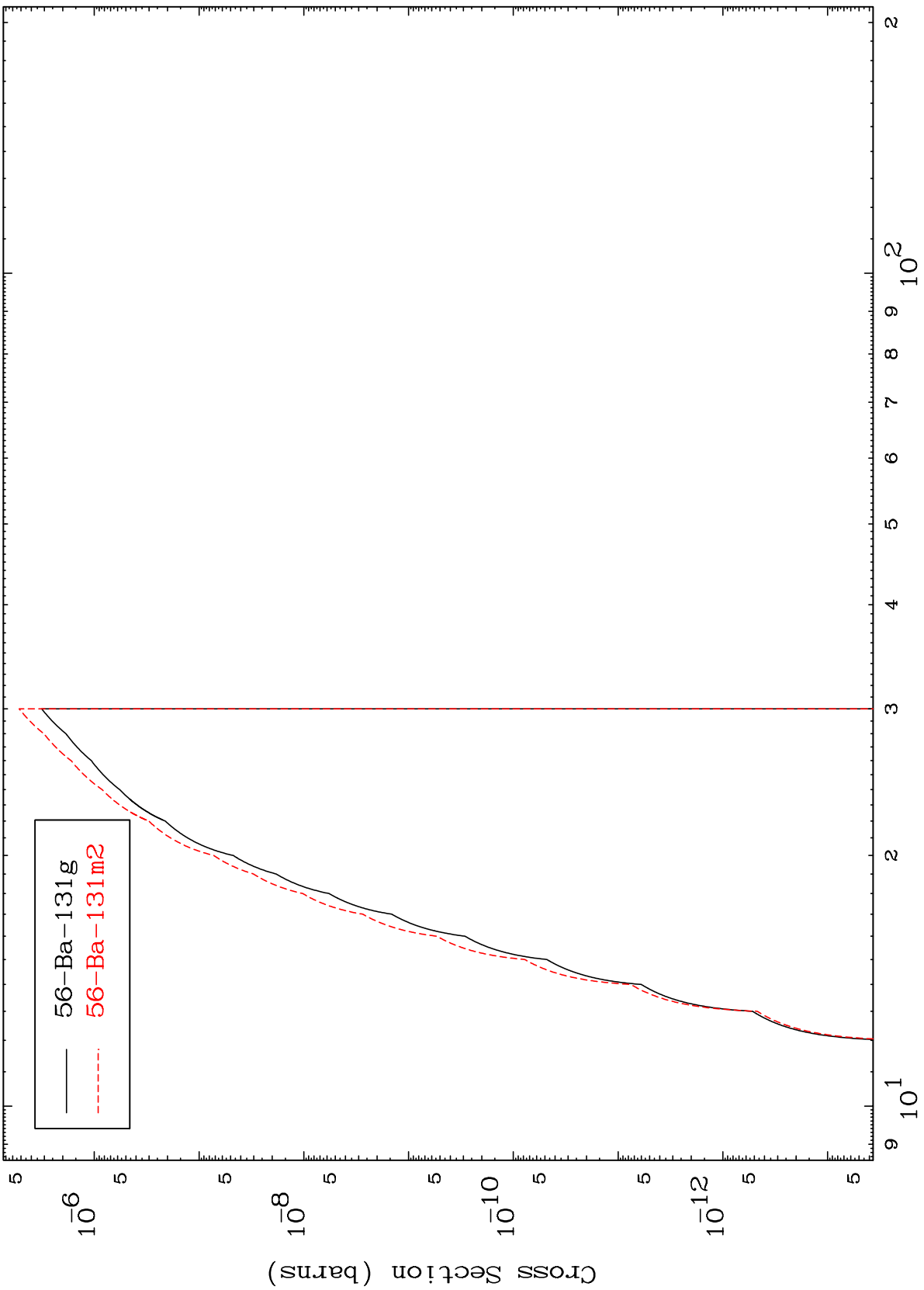
58-Ce-135g
58-Ce-135m4

MAT 5822

(n,d) α

58-Ce-135

Radionuclide Production Cross Section



56-Ba-131g
56-Ba-131m2

22

Incident Energy (MeV)

58-Ce-135