

Program EVALPLOT
(Version 2021-1)

by

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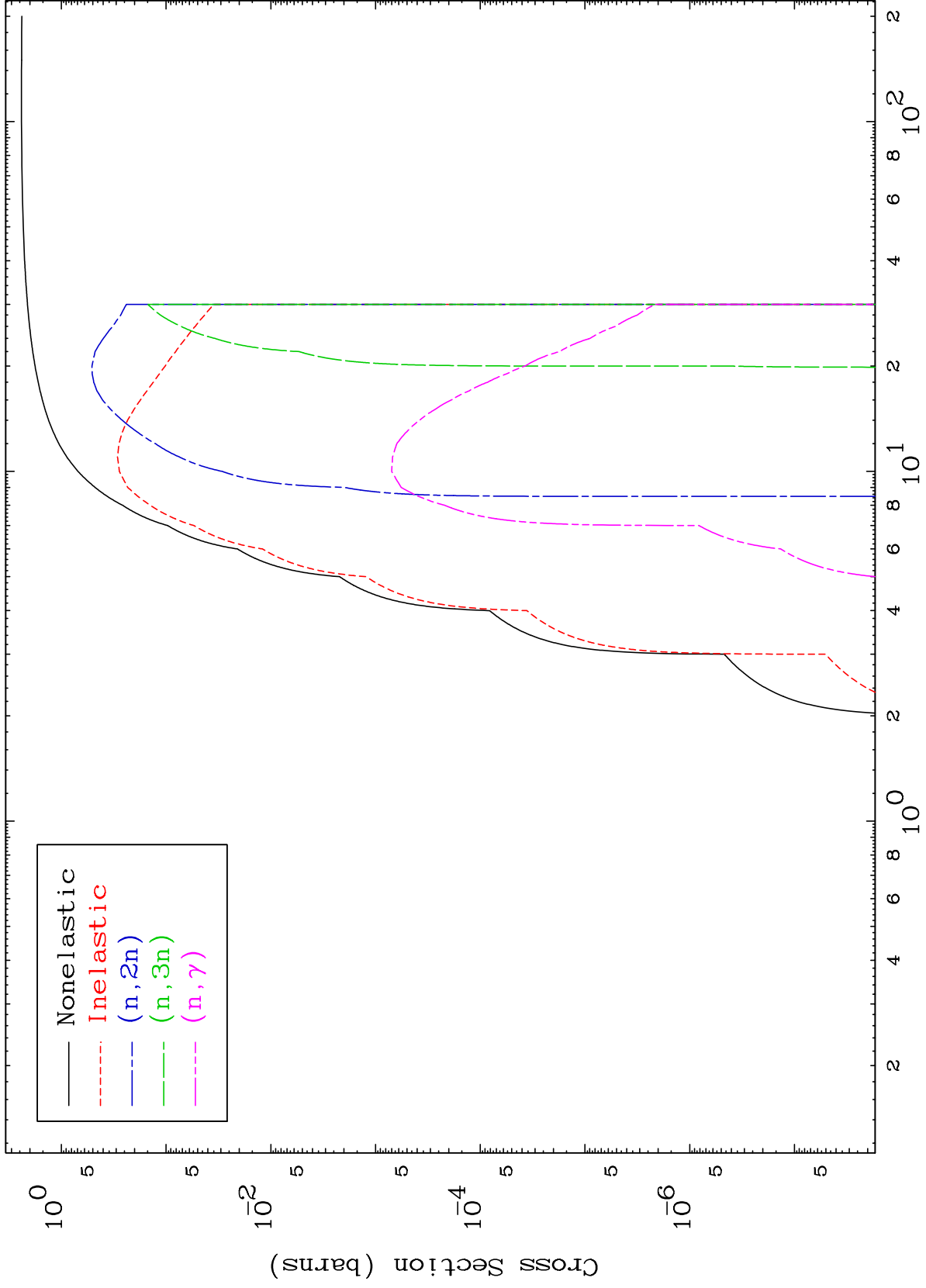
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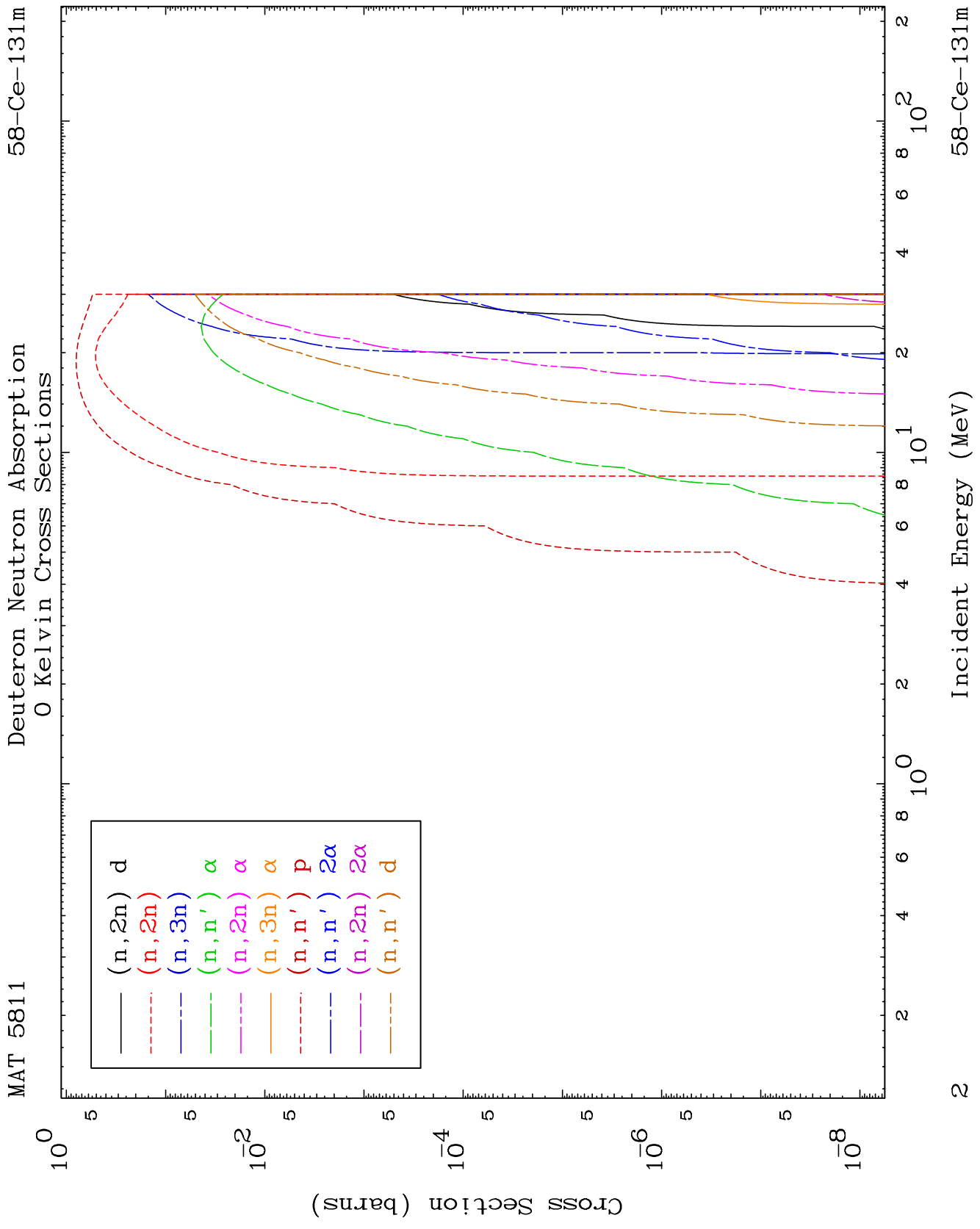
Press Mouse Button to Start

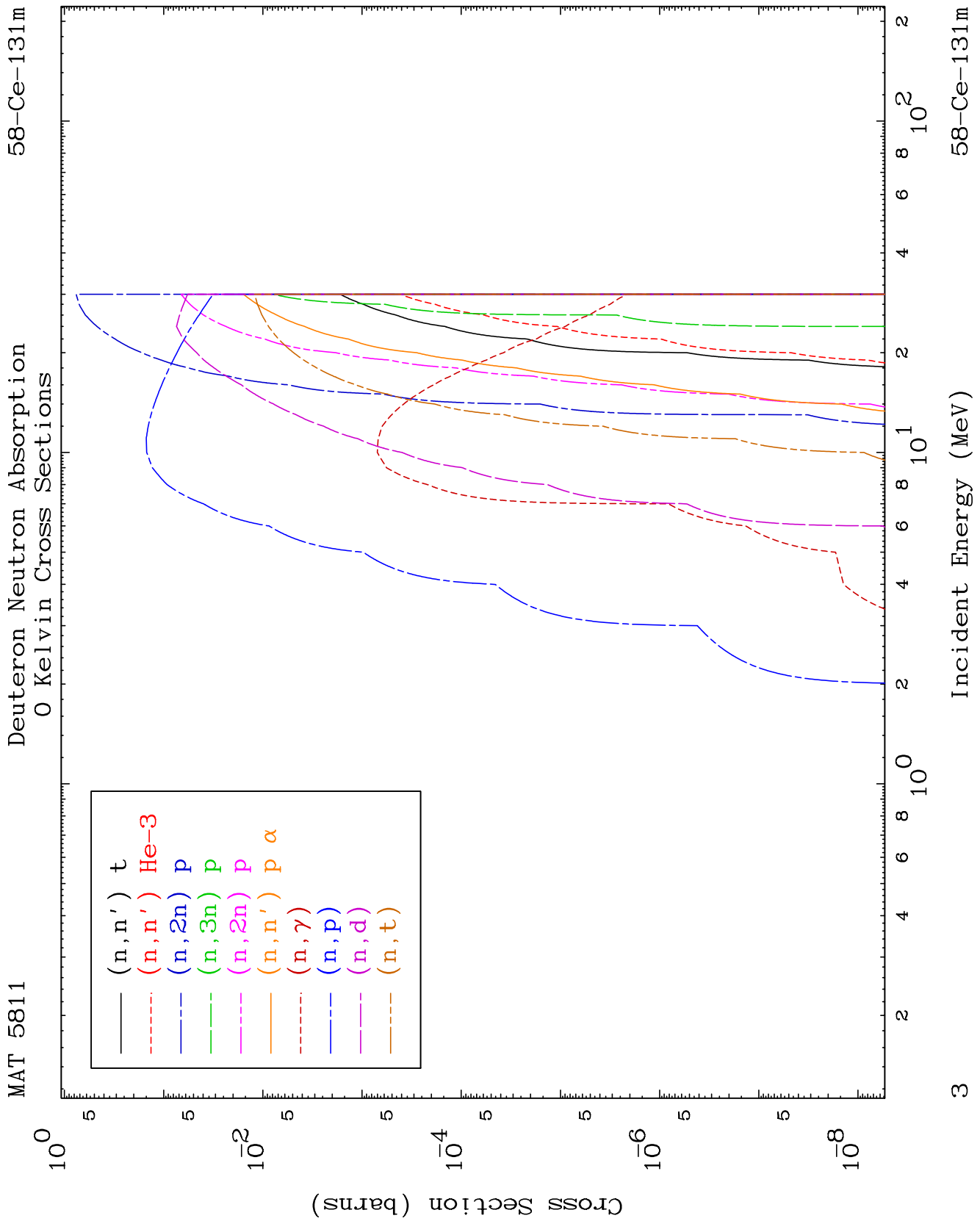
MAT 5811

Deuteron Major
0 Kelvin Cross Sections

58-Ce-131m





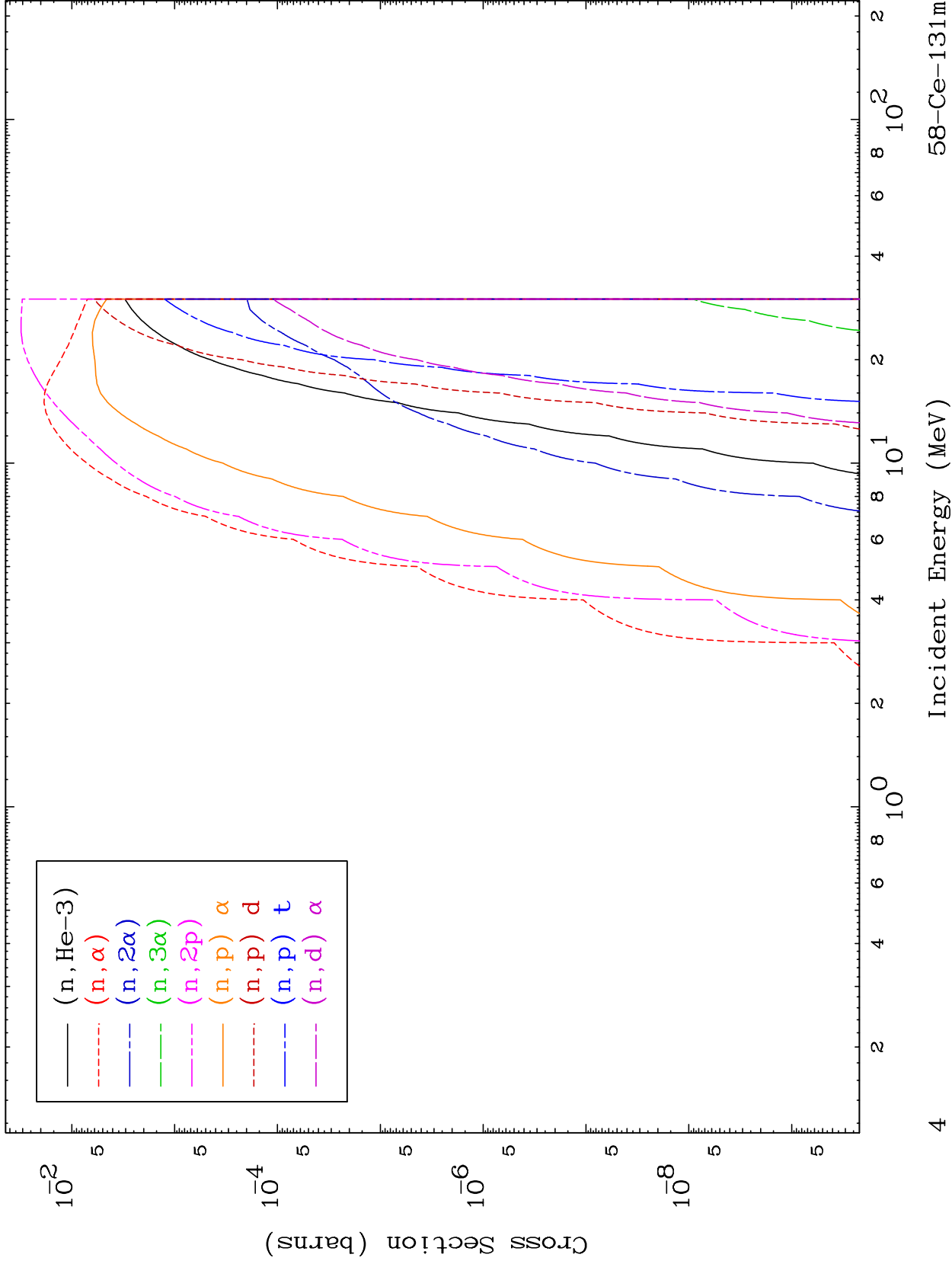


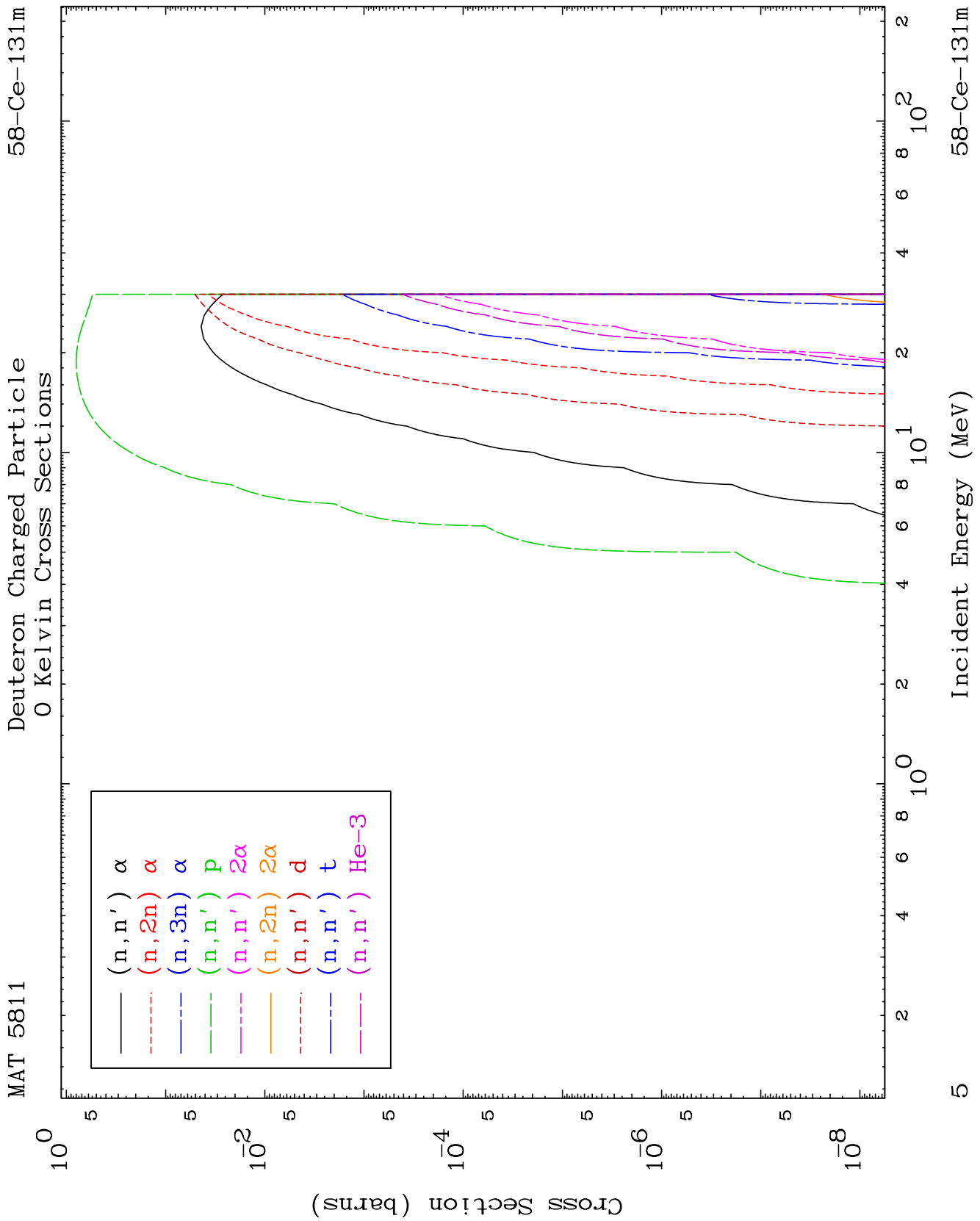
- | | | |
|---------|---------|------|
| — | (n, n') | t |
| - - - | (n, n') | He-3 |
| - · - · | (n, 2n) | p |
| — | (n, 3n) | p |
| - · - · | (n, 2n) | p |
| — | (n, n') | p α |
| - - - | (n, γ) | |
| - · - · | (n, p) | |
| - · - · | (n, d) | |
| - · - · | (n, t) | |

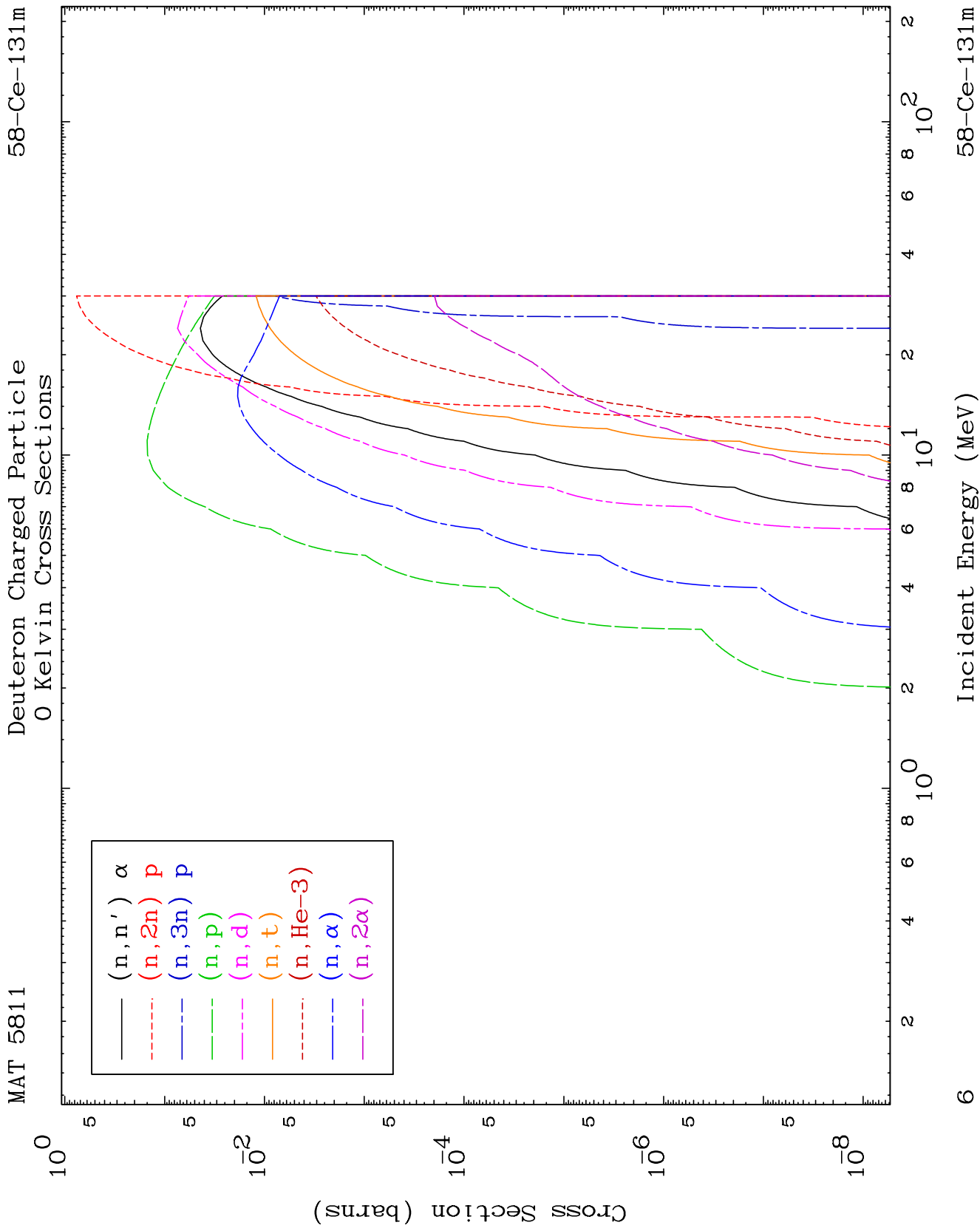
MAT 5811

Deuteron Neutron Absorption
0 Kelvin Cross Sections

58-Ce-131m



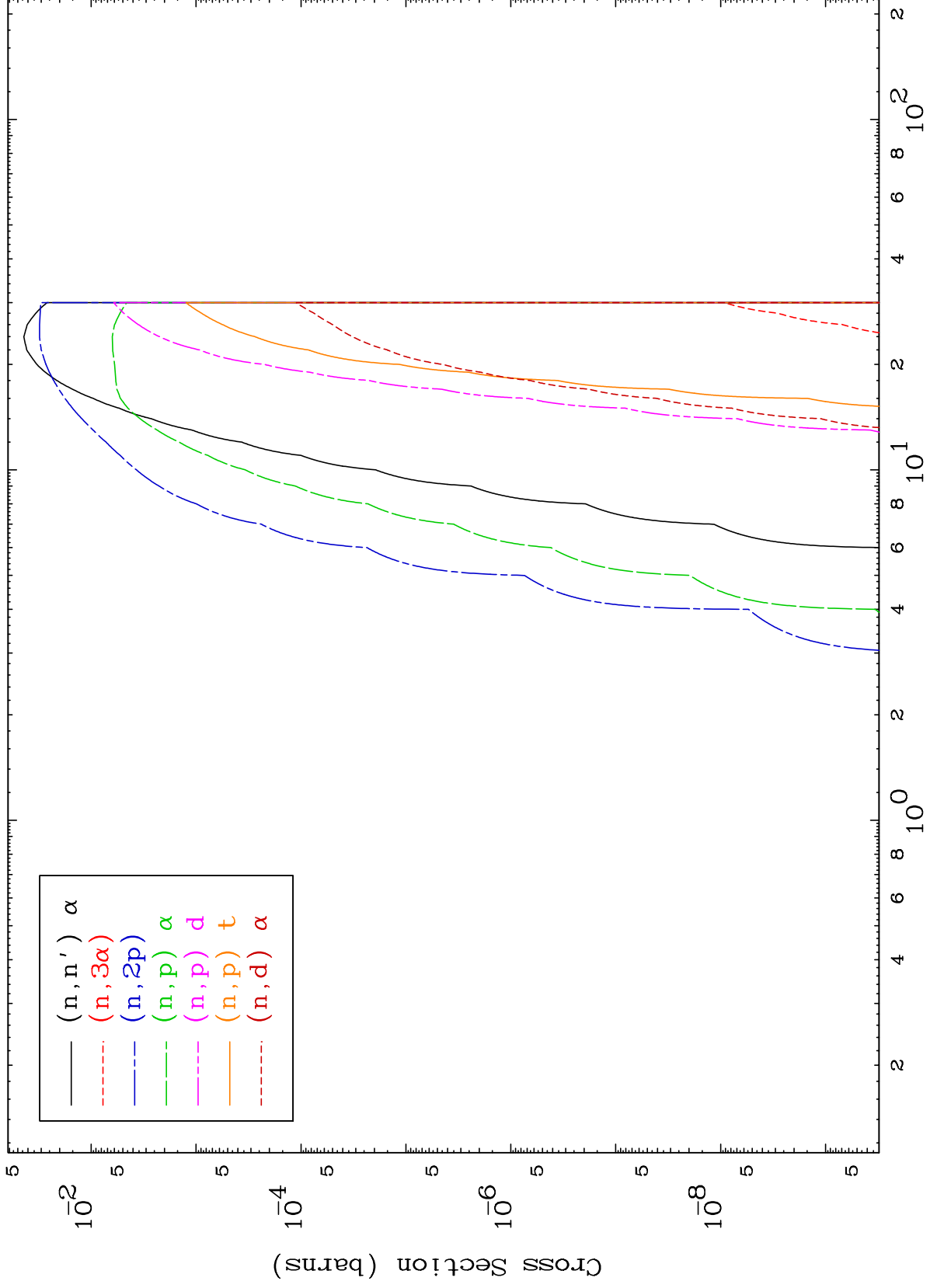




MAT 5811

Deuteron Charged Particle
0 Kelvin Cross Sections

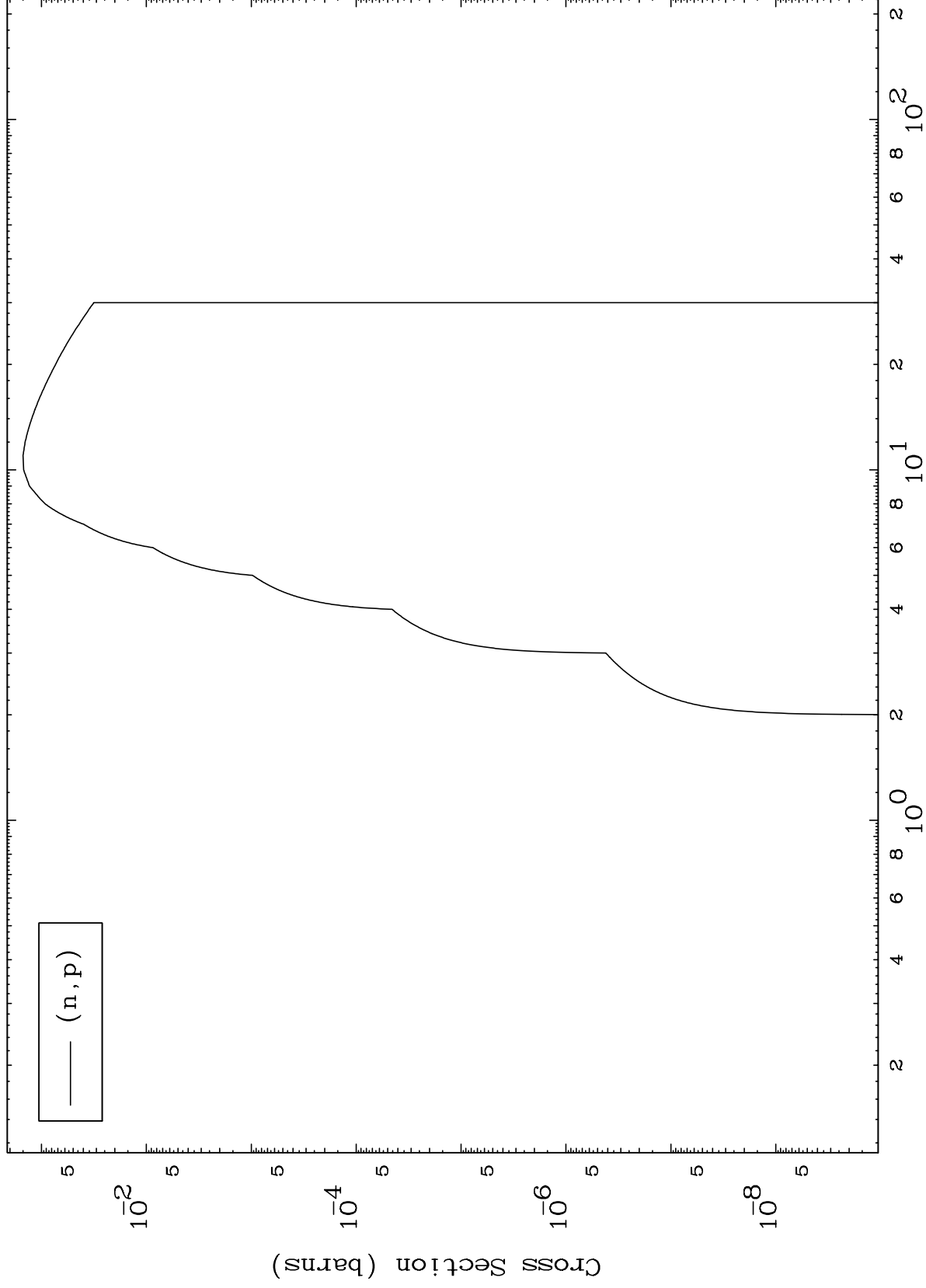
58-Ce-131m



MAT 5811

58-Ce-131m

(d,p) Levels
0 Kelvin Cross Sections

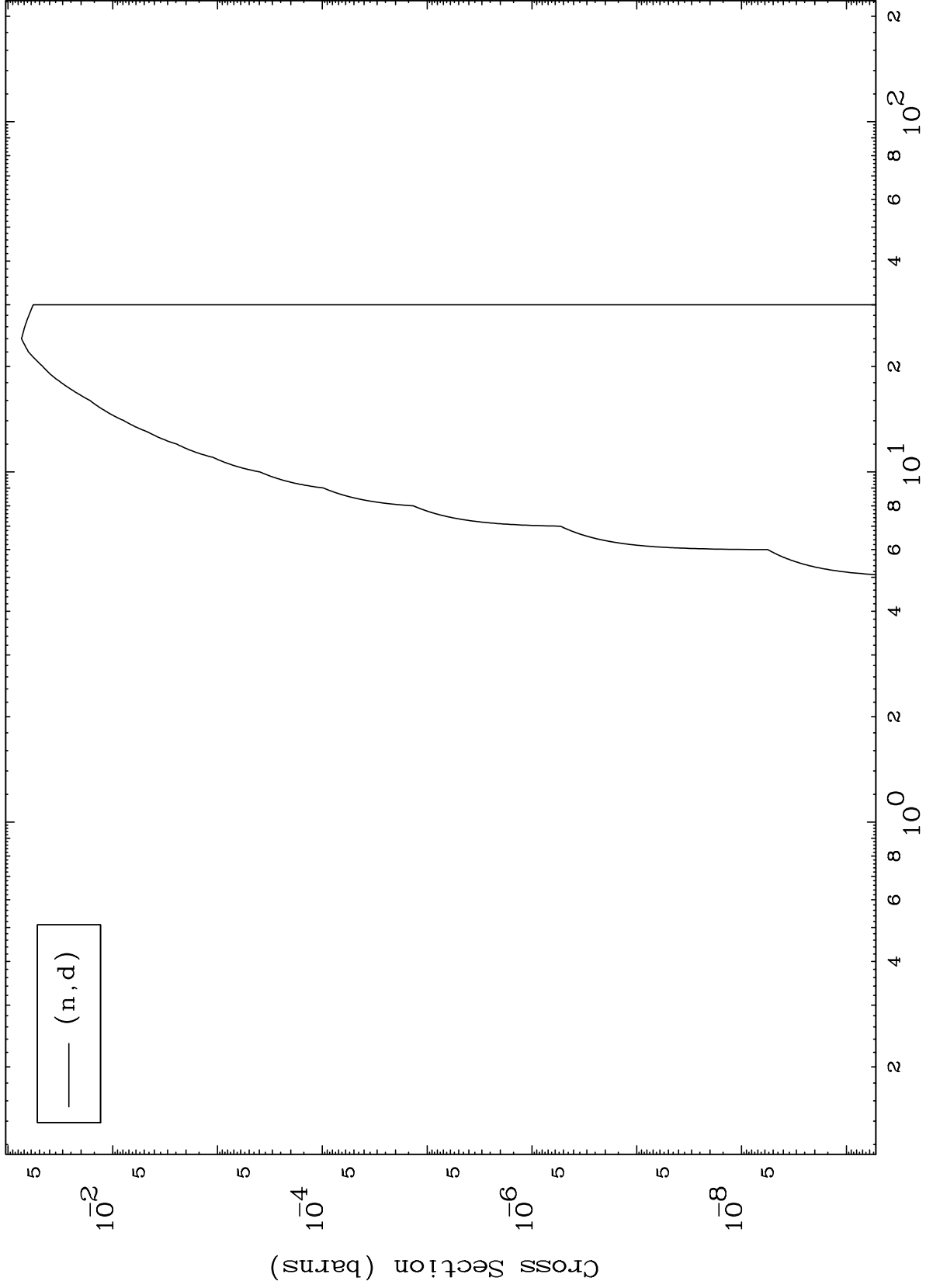


MAT 5811

(d,d) Levels

58-Ce-131m

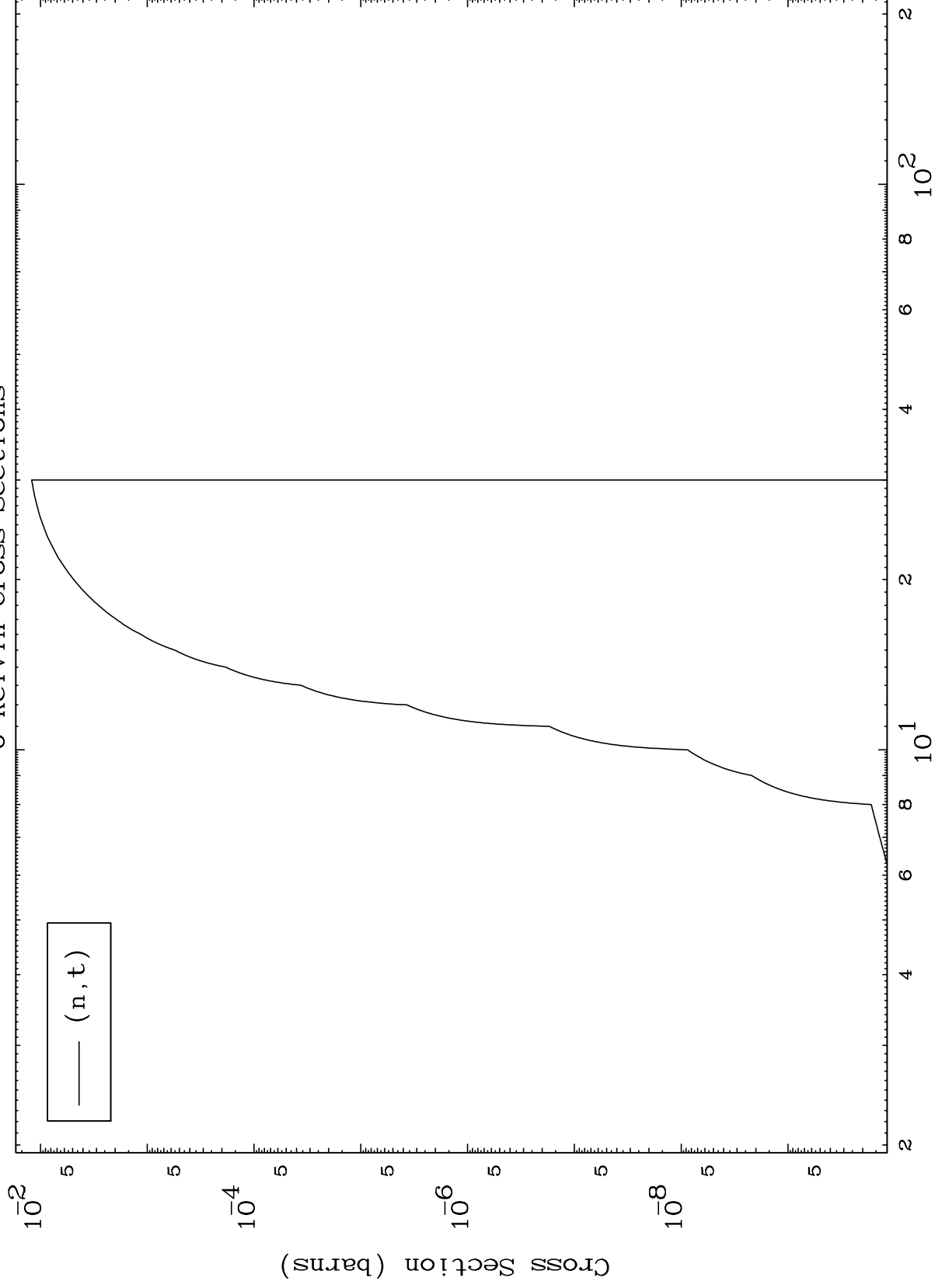
0 Kelvin Cross Sections



MAT 5811

(d, t) Levels
0 Kelvin Cross Sections

58-Ce-131m



10

Incident Energy (MeV)

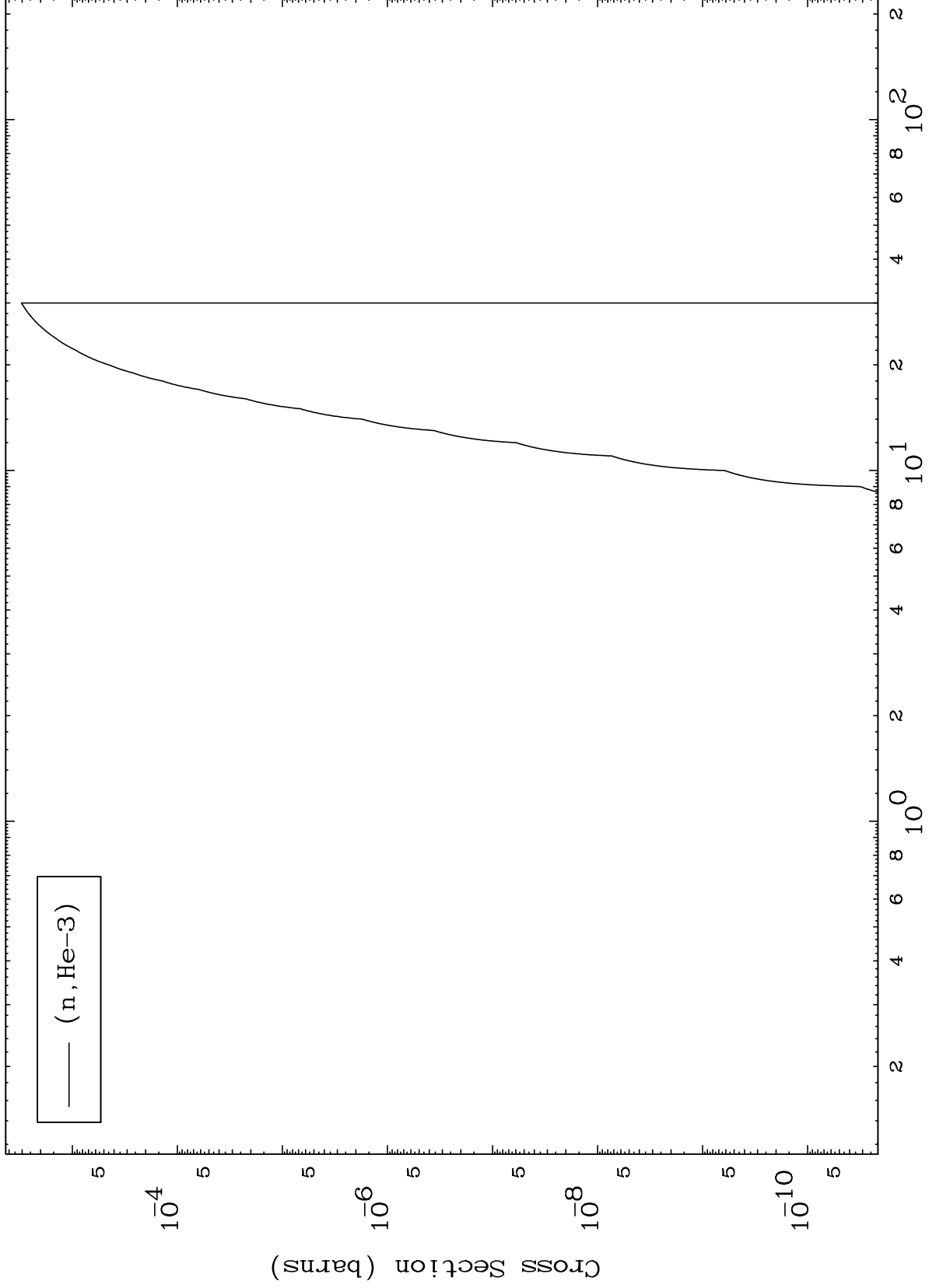
58-Ce-131m

MAT 5811

(d,He3) Levels

58-Ce-131m

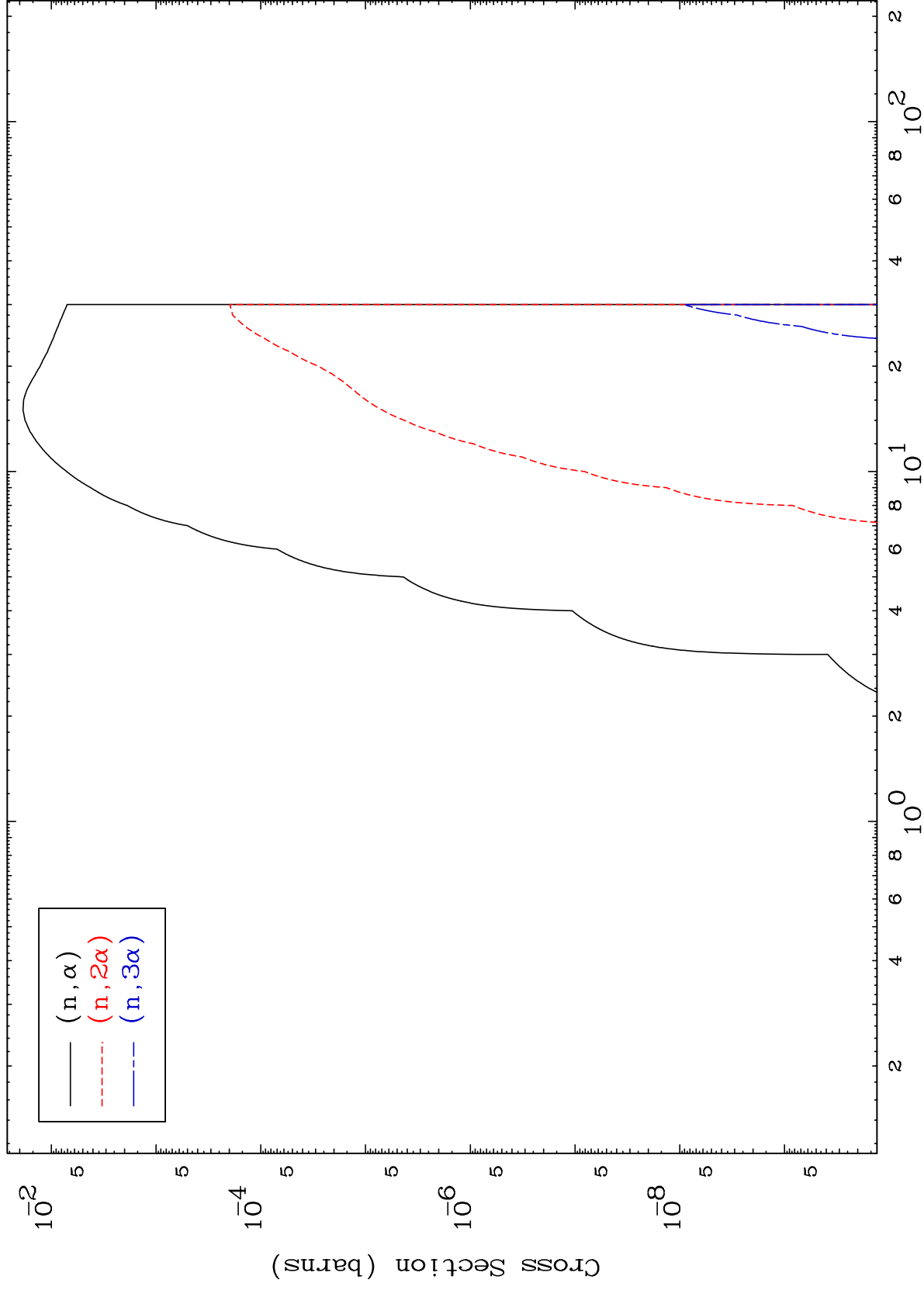
0 Kelvin Cross Sections



MAT 5811

58-Ce-131m

(d, α) Levels
0 Kelvin Cross Sections



58-Ce-131m

Incident Energy (MeV)

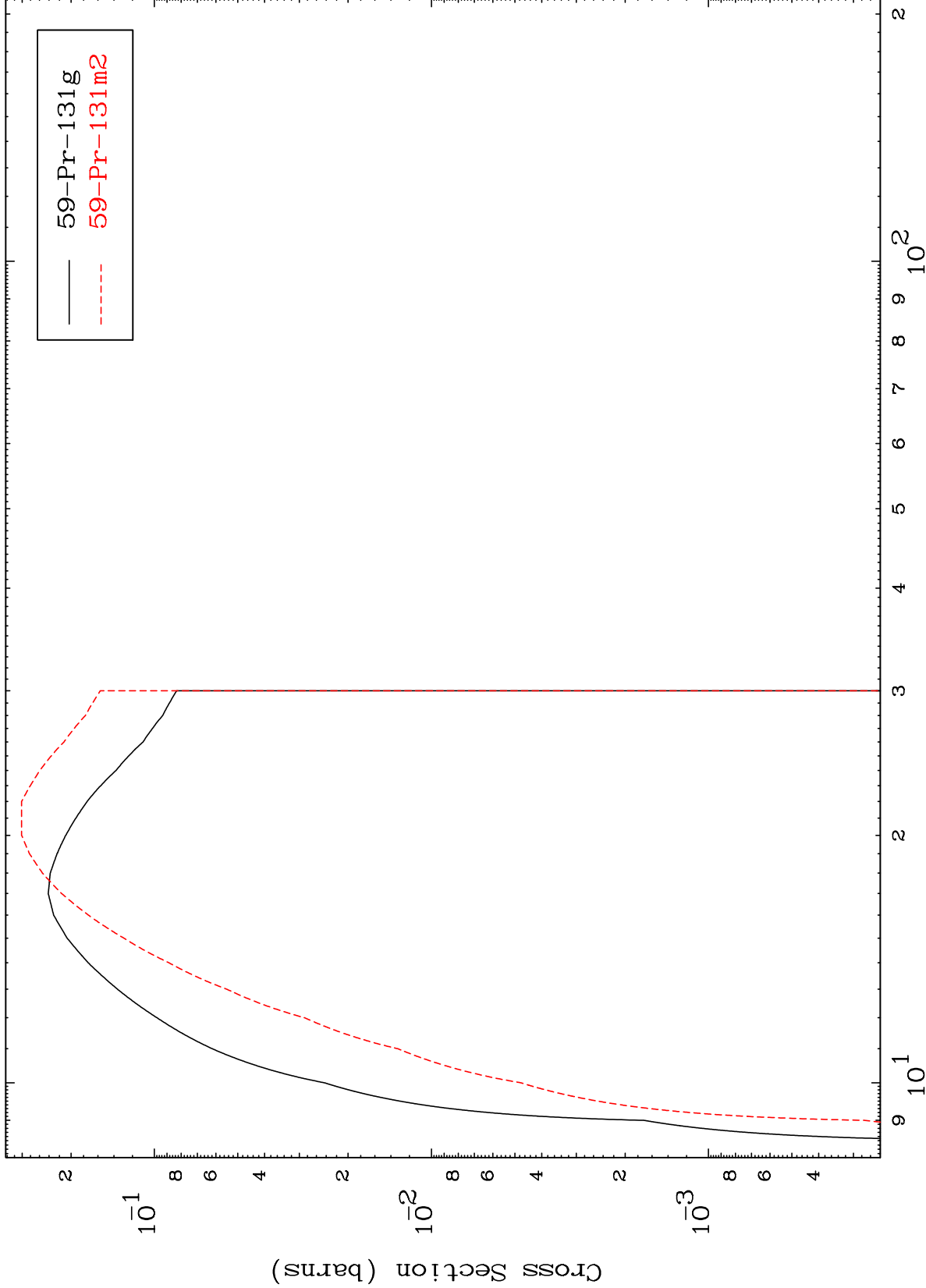
12

MAT 5811

(n,2n)

58-Ce-131m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

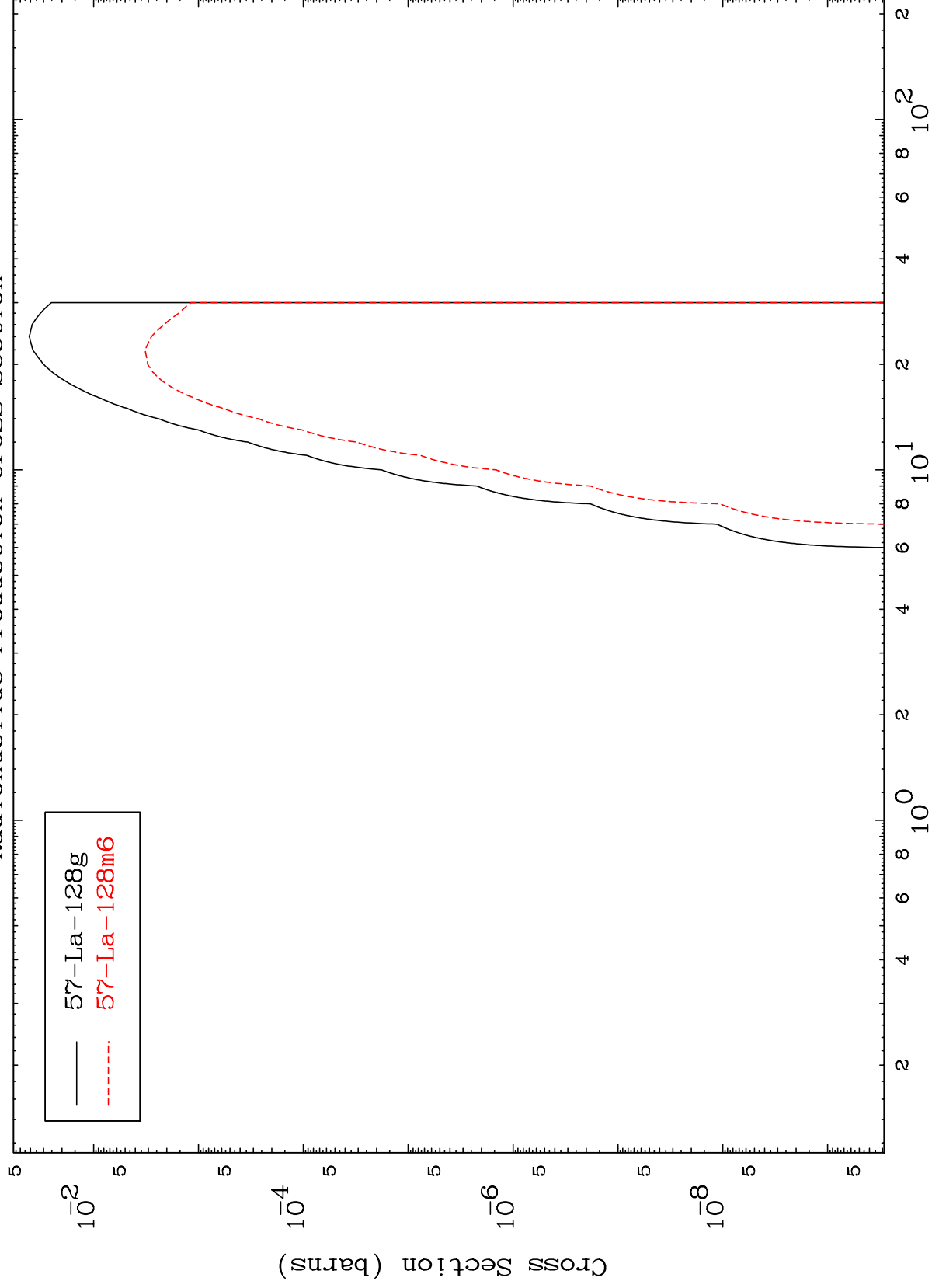
58-Ce-131m

MAT 5811

$(n, n') \alpha$

58-Ce-131m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

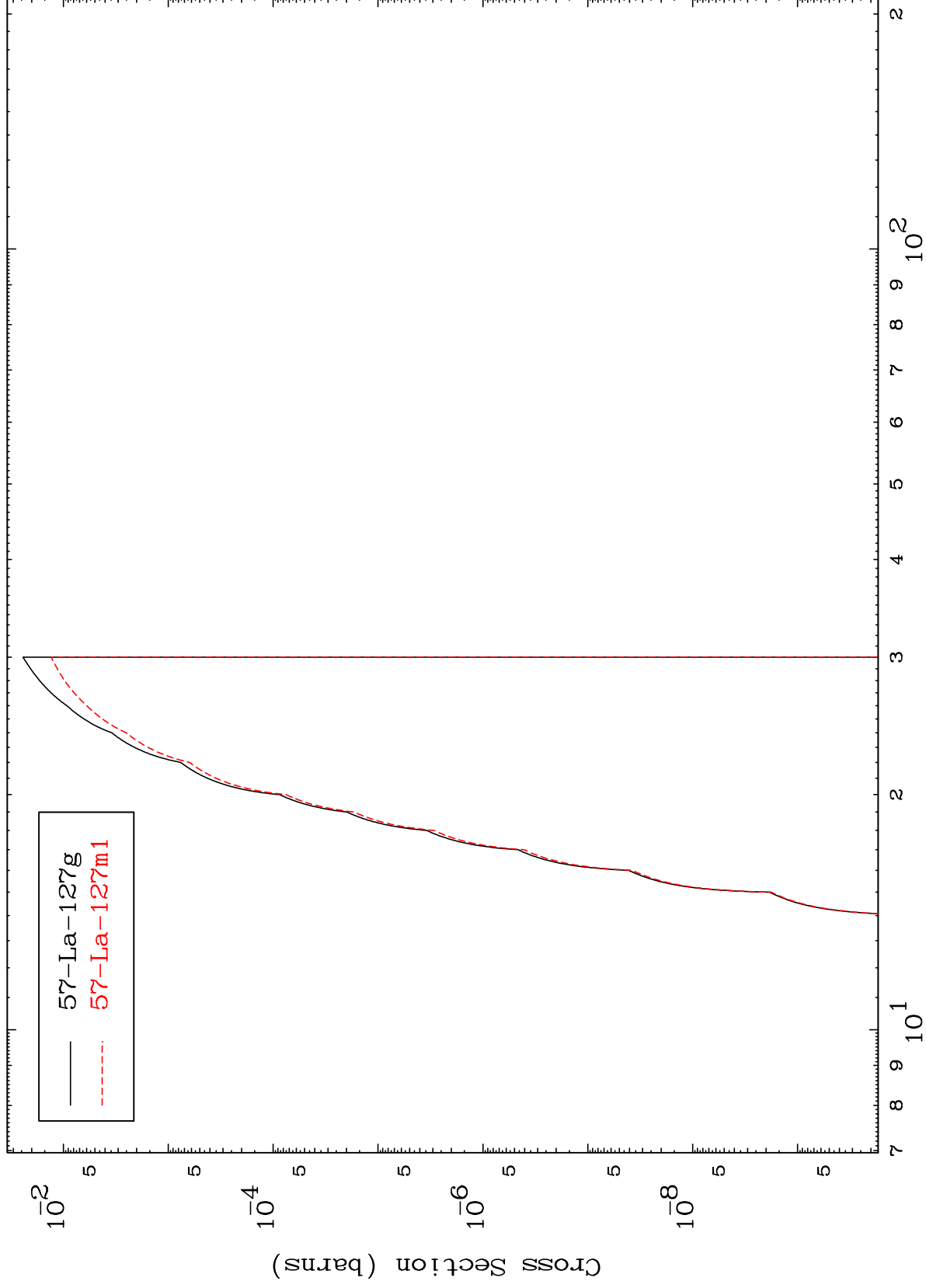
58-Ce-131m

MAT 5811

(n,2n) α

58-Ce-131m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

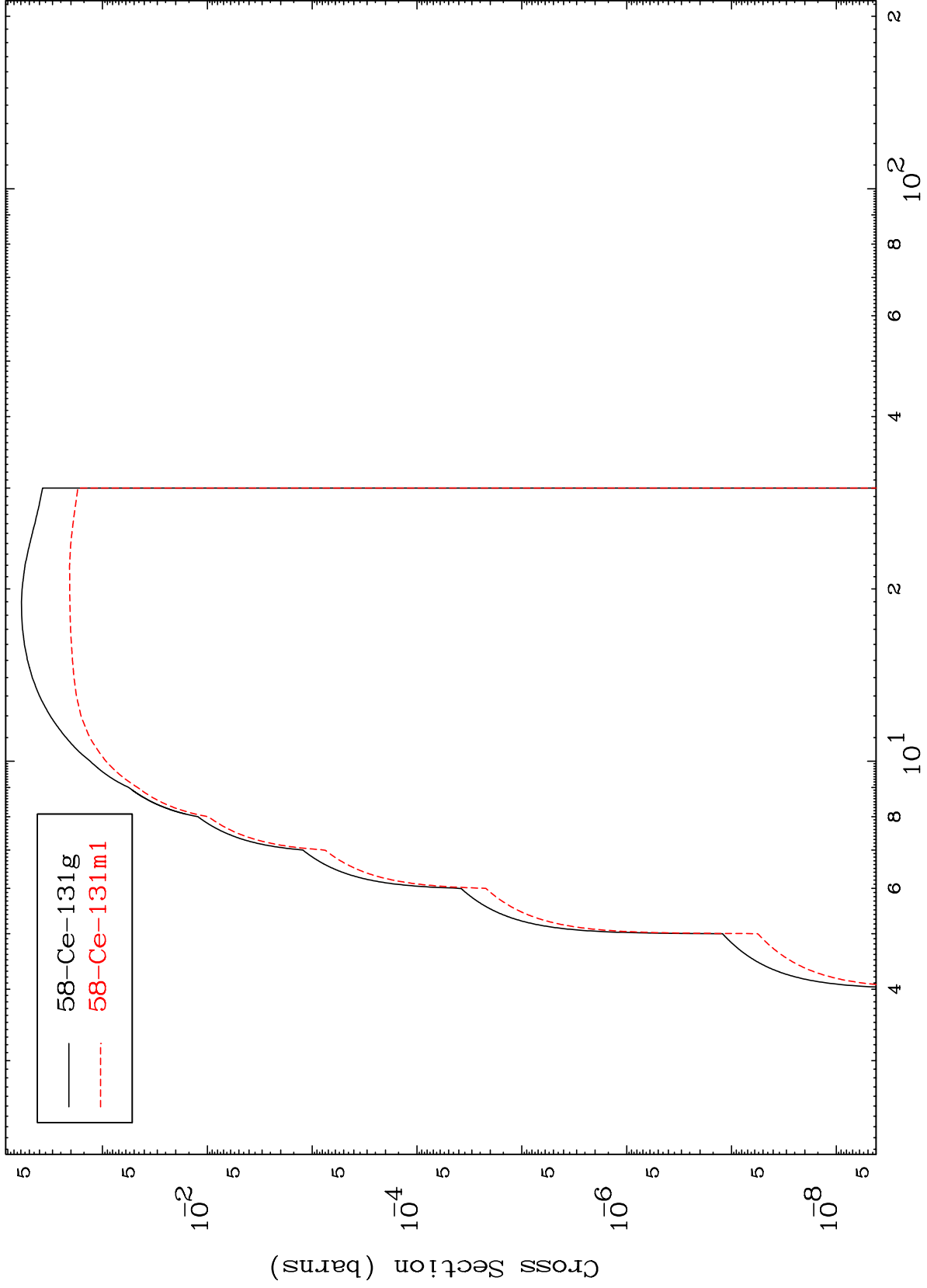
58-Ce-131m

MAT 5811

(n,n') p

58-Ce-131m

Radionuclide Production Cross Section

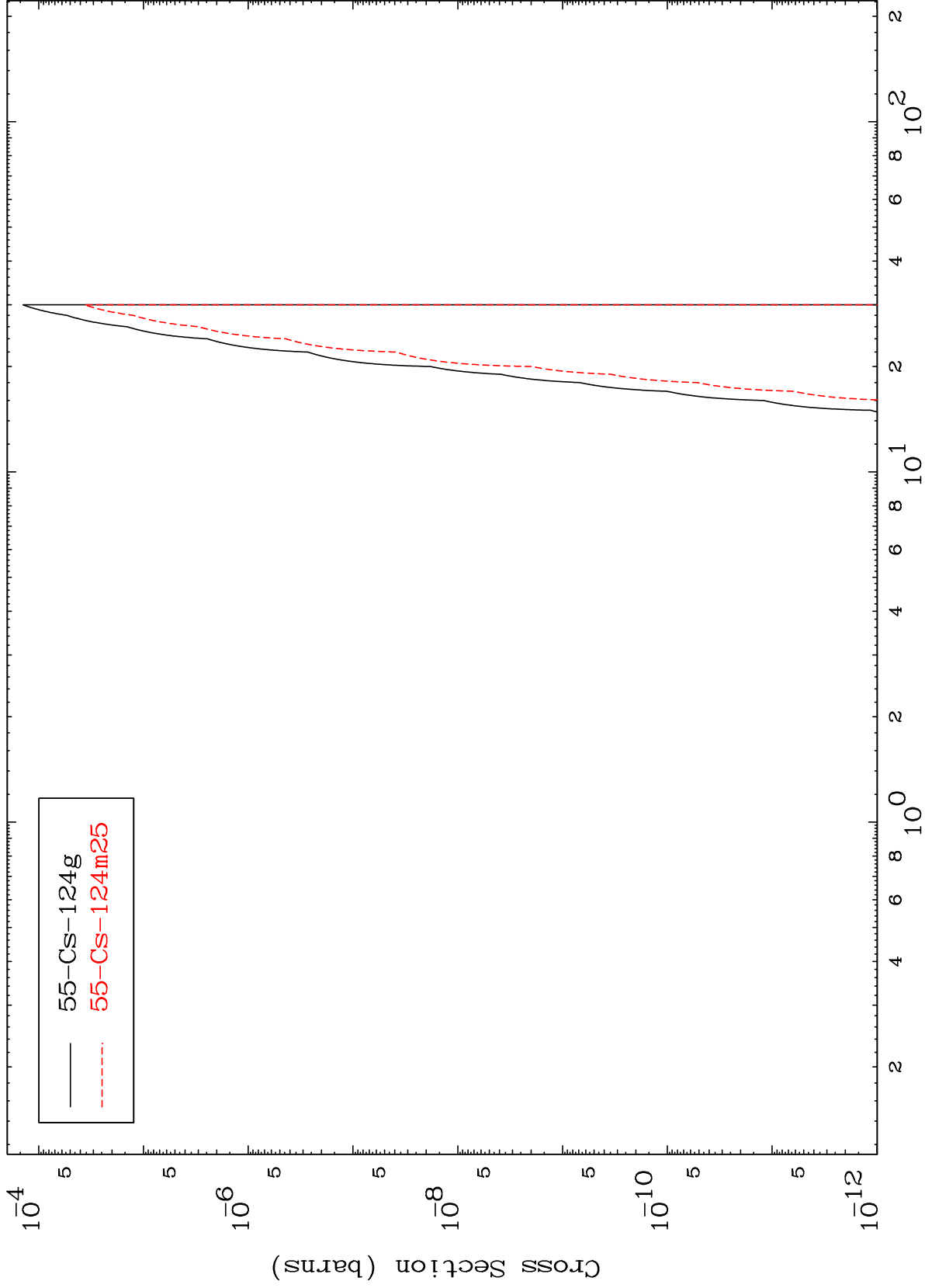


MAT 5811

(n,n') 2α

58-Ce-131m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

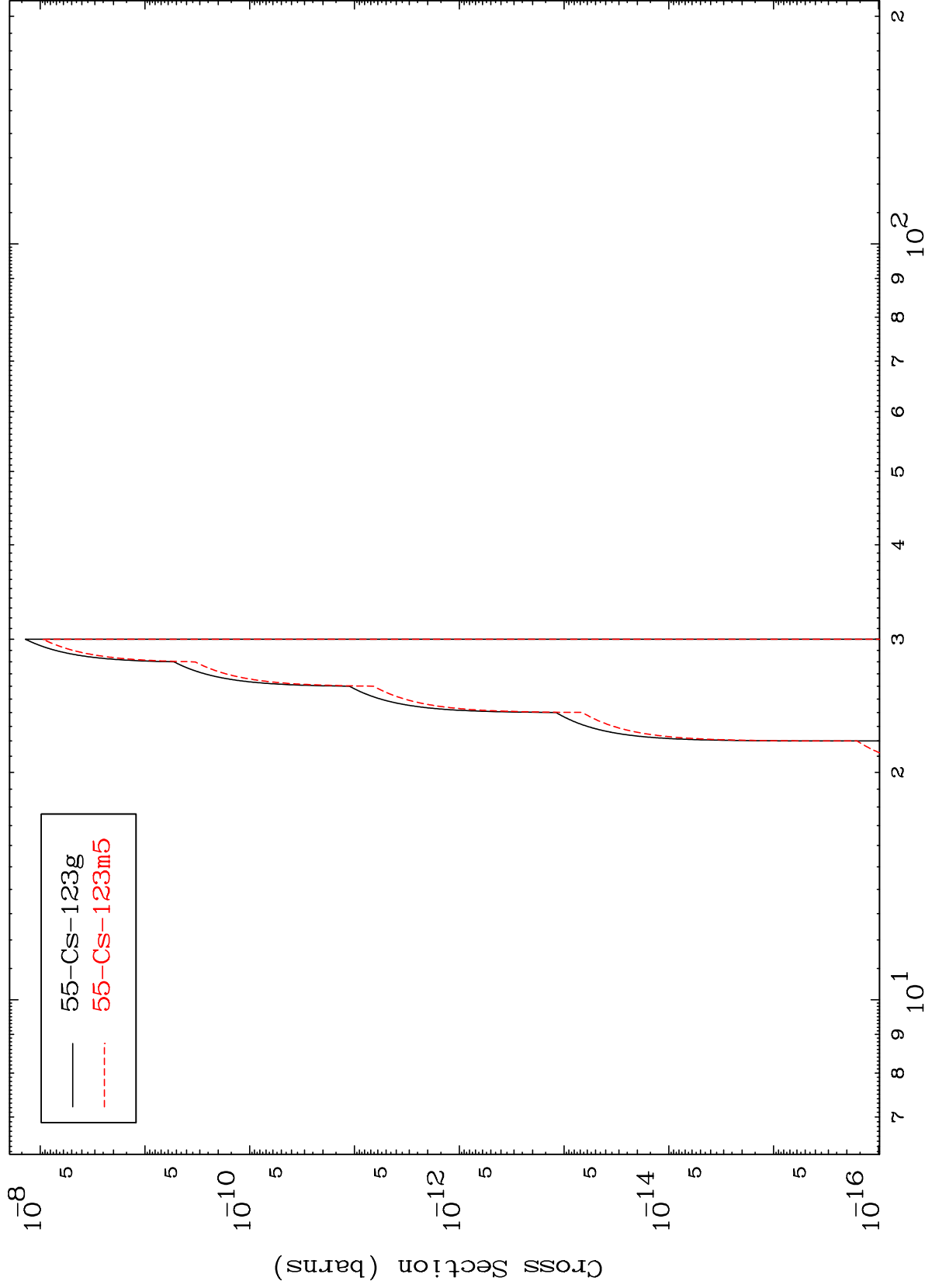
58-Ce-131m

MAT 5811

58-Ce-131m

(n,2n) 2 α

Radionuclide Production Cross Section



18

Incident Energy (MeV)

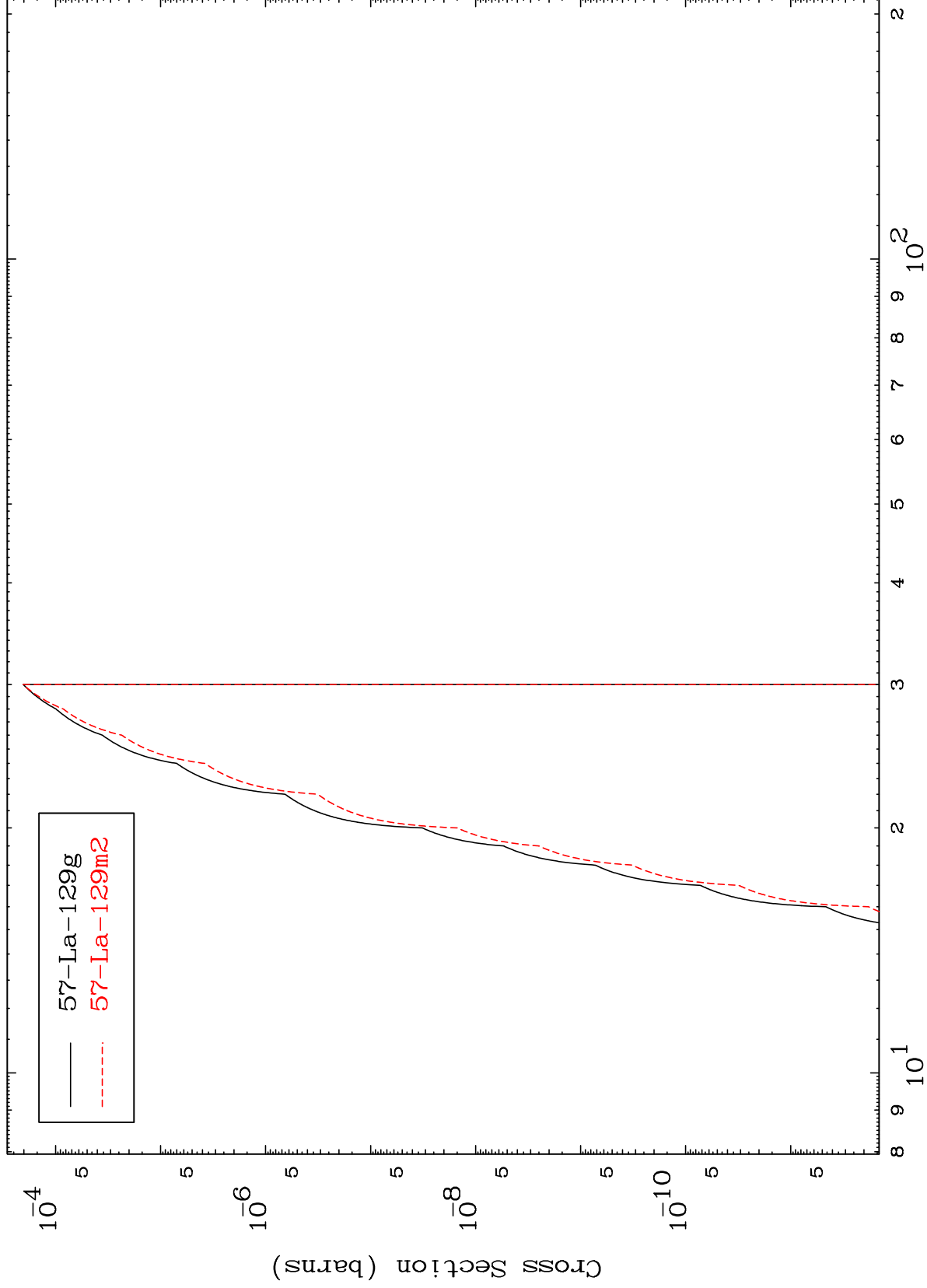
58-Ce-131m

MAT 5811

(n,n') He-3

58-Ce-131m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

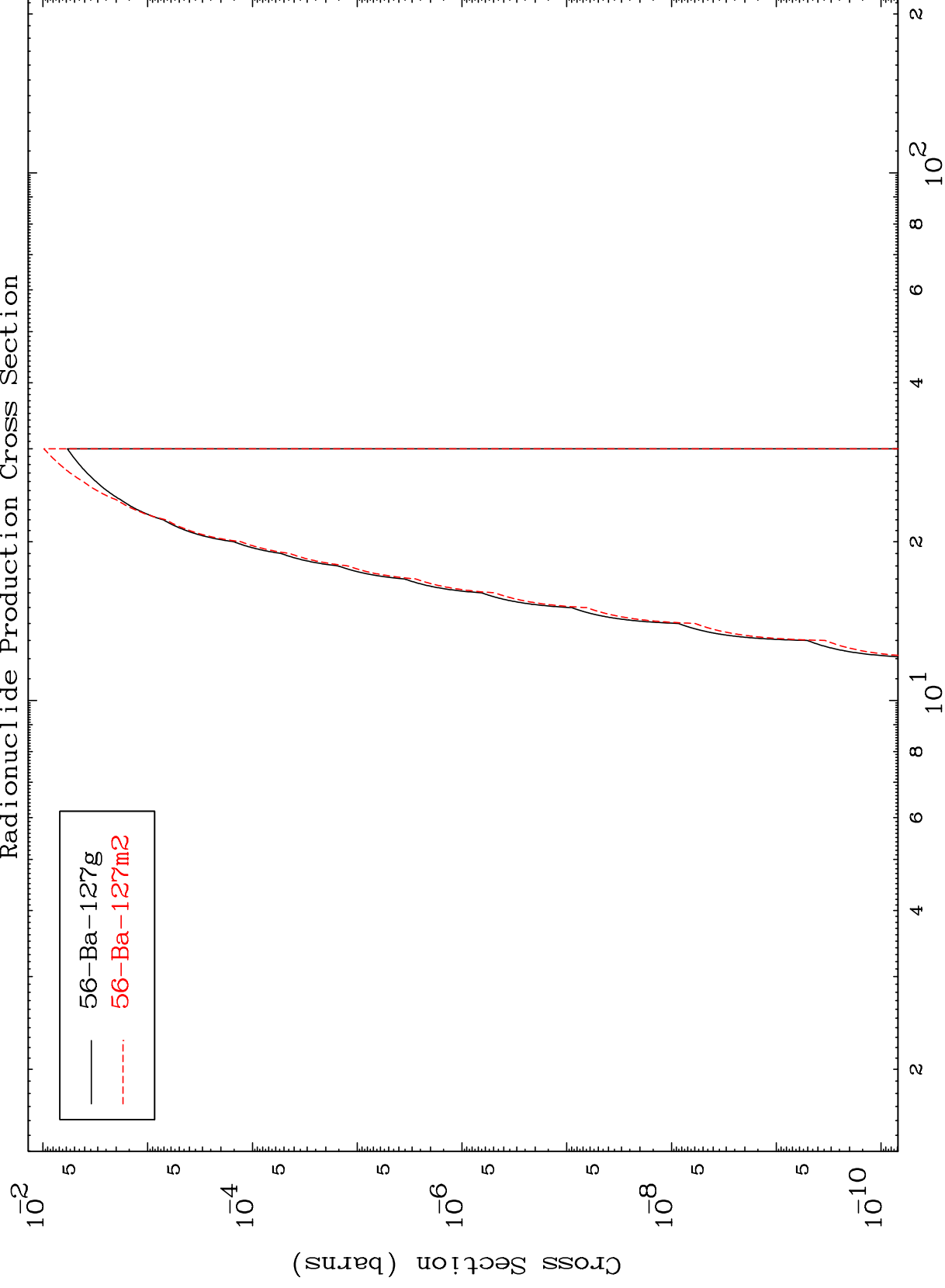
58-Ce-131m

MAT 5811

(n,n') p α

58-Ce-131m

Radionuclide Production Cross Section



20

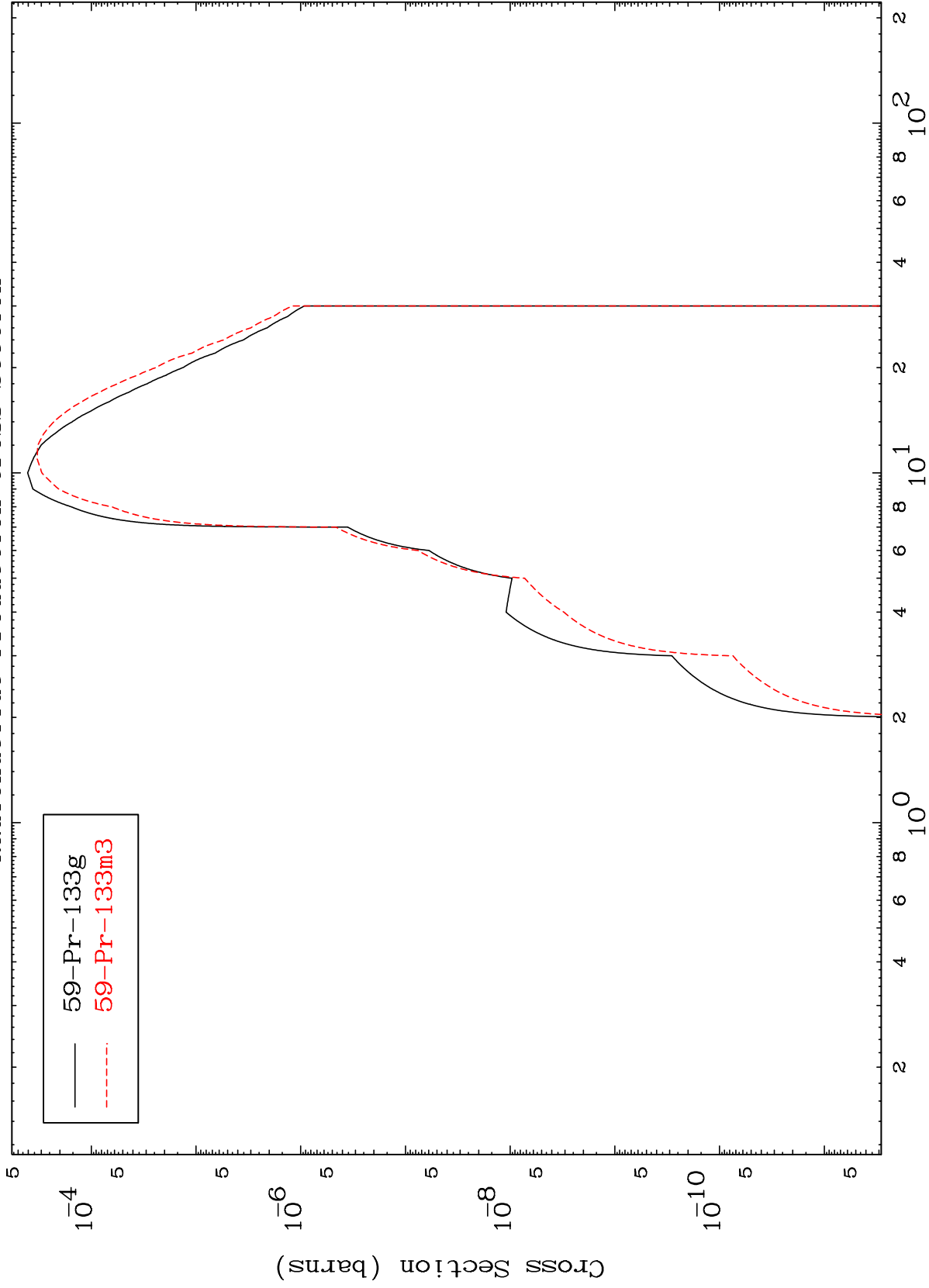
Incident Energy (MeV)

58-Ce-131m

MAT 5811

58-Ce-131m

(n, γ)
Radionuclide Production Cross Section

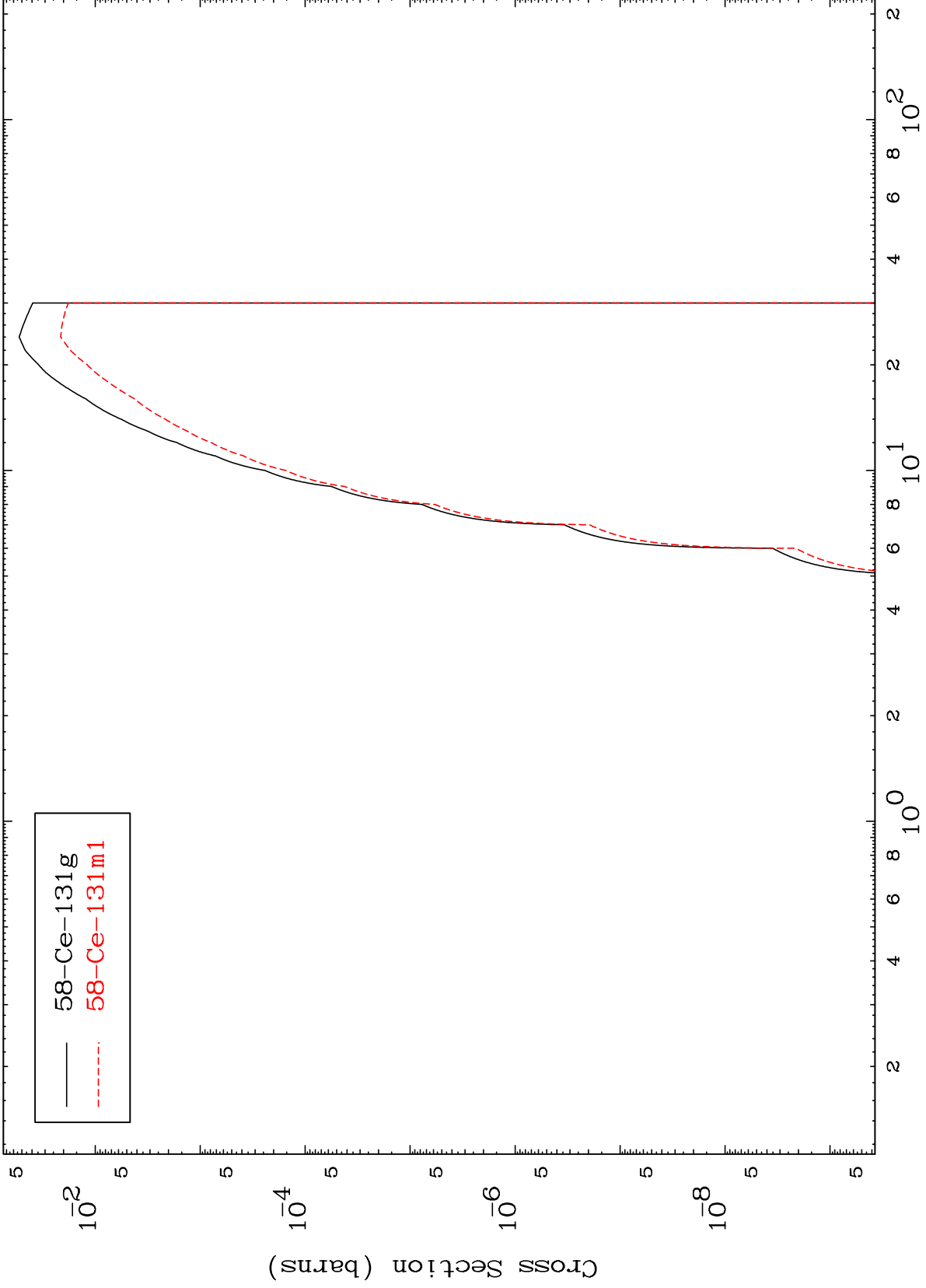


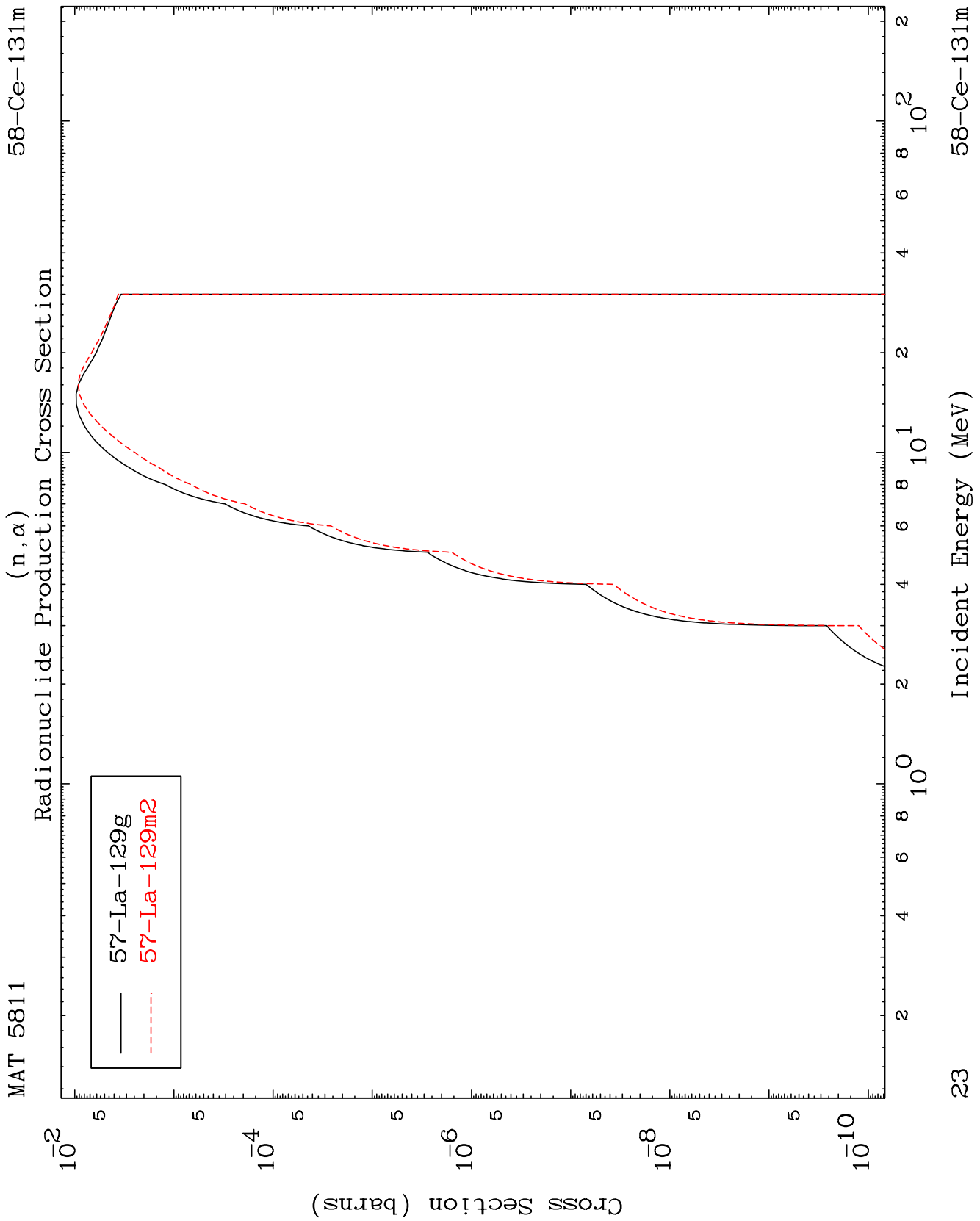
MAT 5811

(n,d)

58-Ce-131m

Radionuclide Production Cross Section



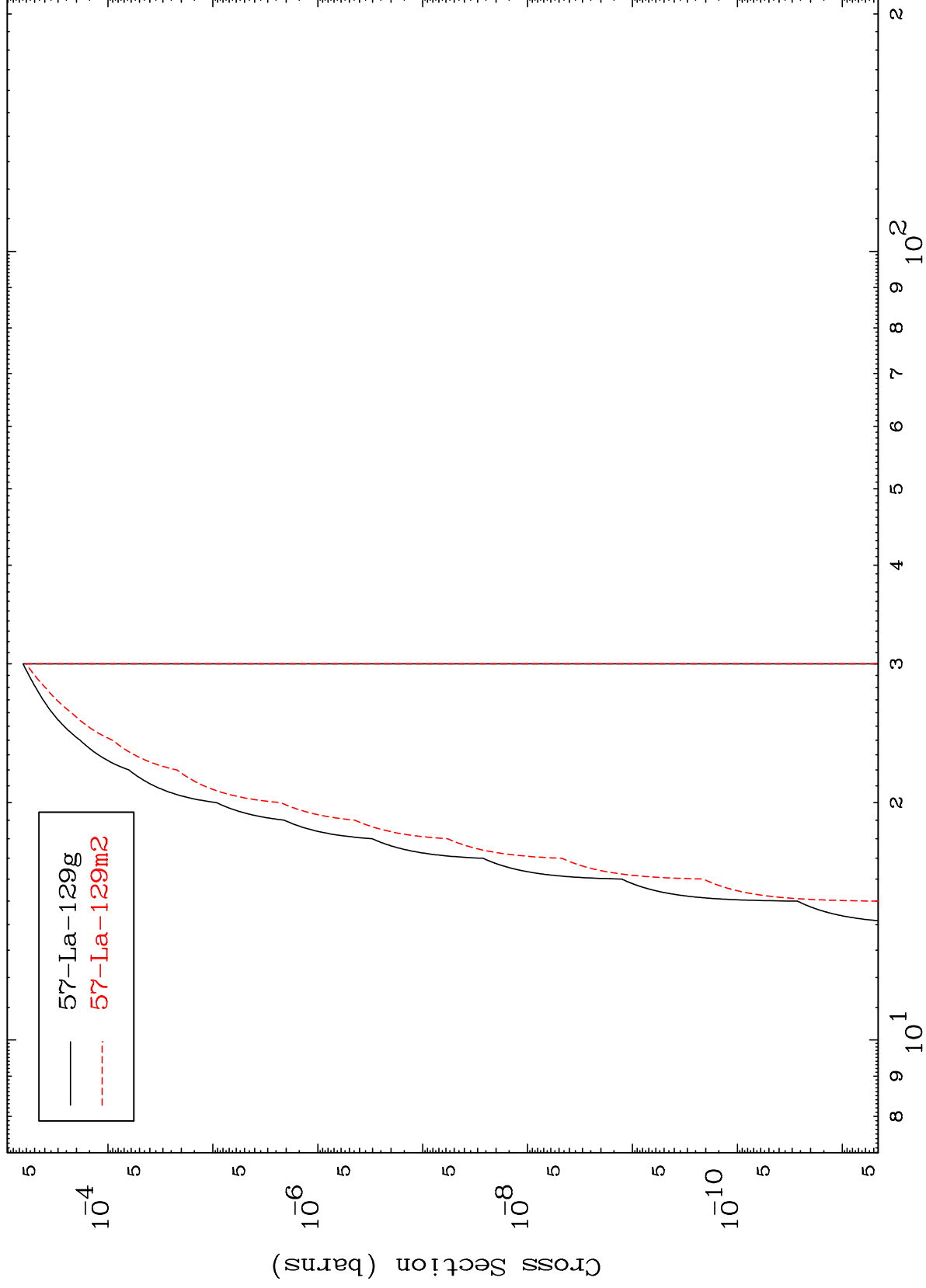


MAT 5811

(n,p) t

58-Ce-131m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

58-Ce-131m

MAT 5811

(n,d) α

58-Ce-131m

