

Program EVALPLOT
(Version 2021-1)

by

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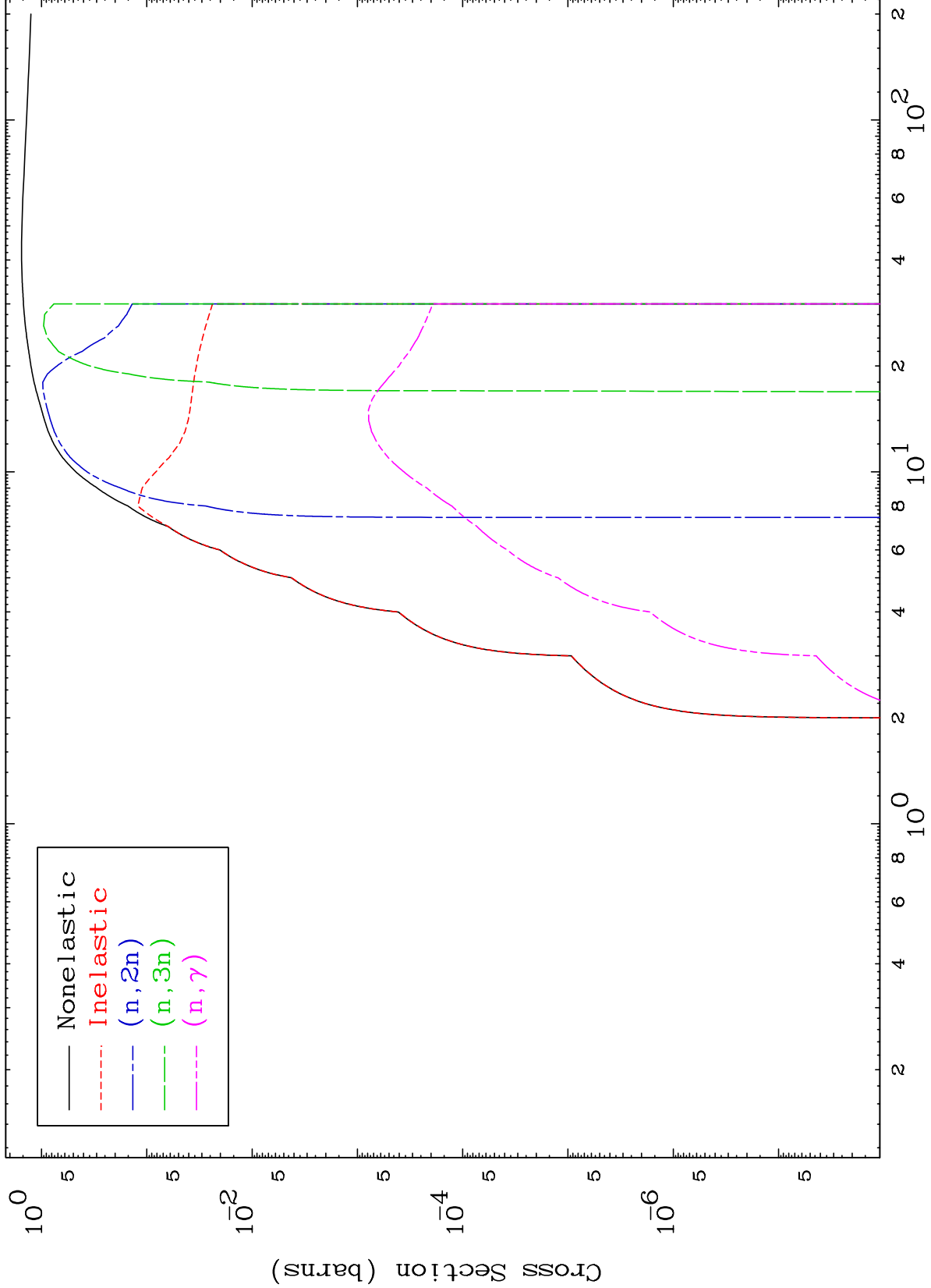
Press Mouse Button to Start

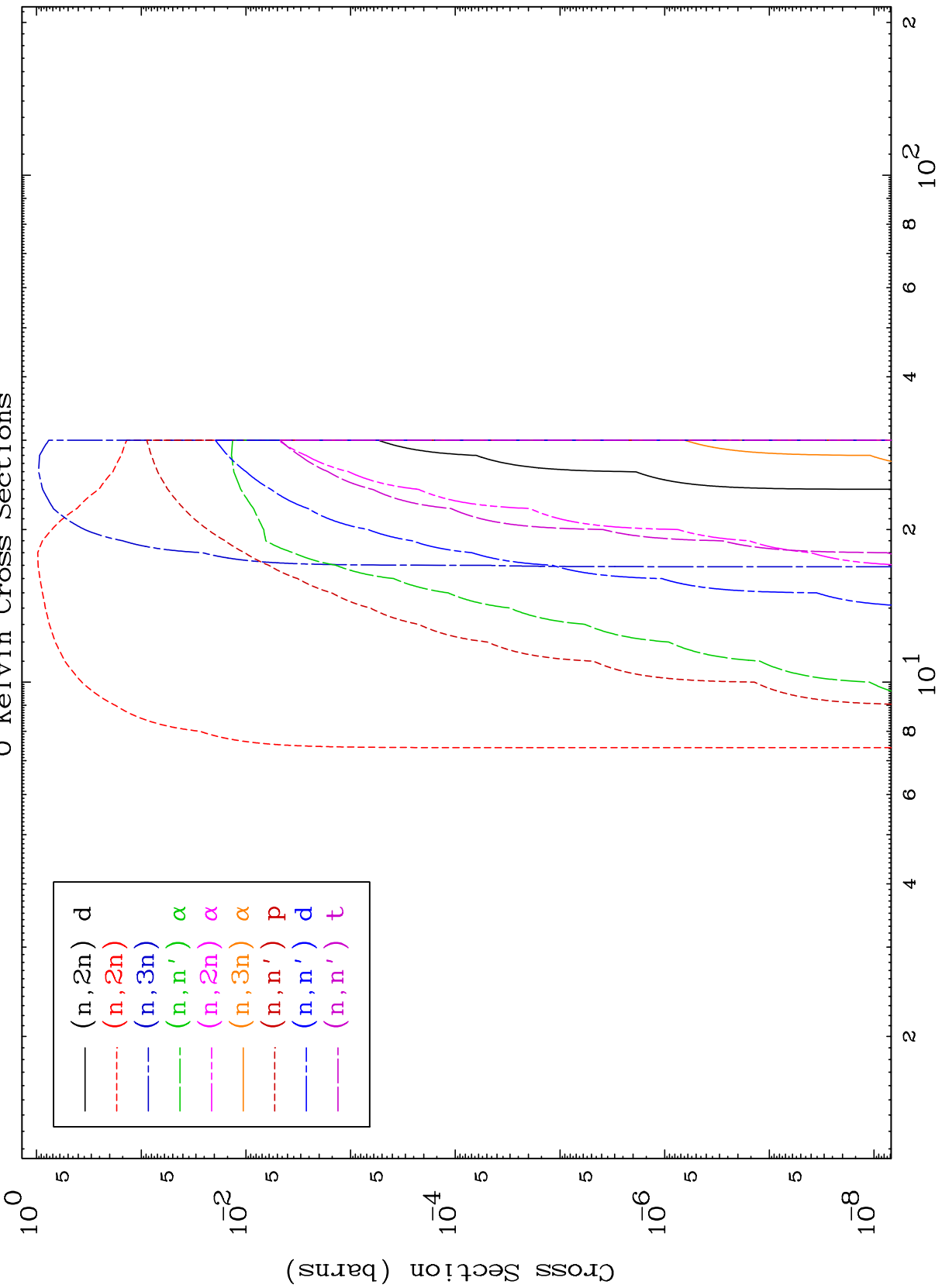
MAT 5843

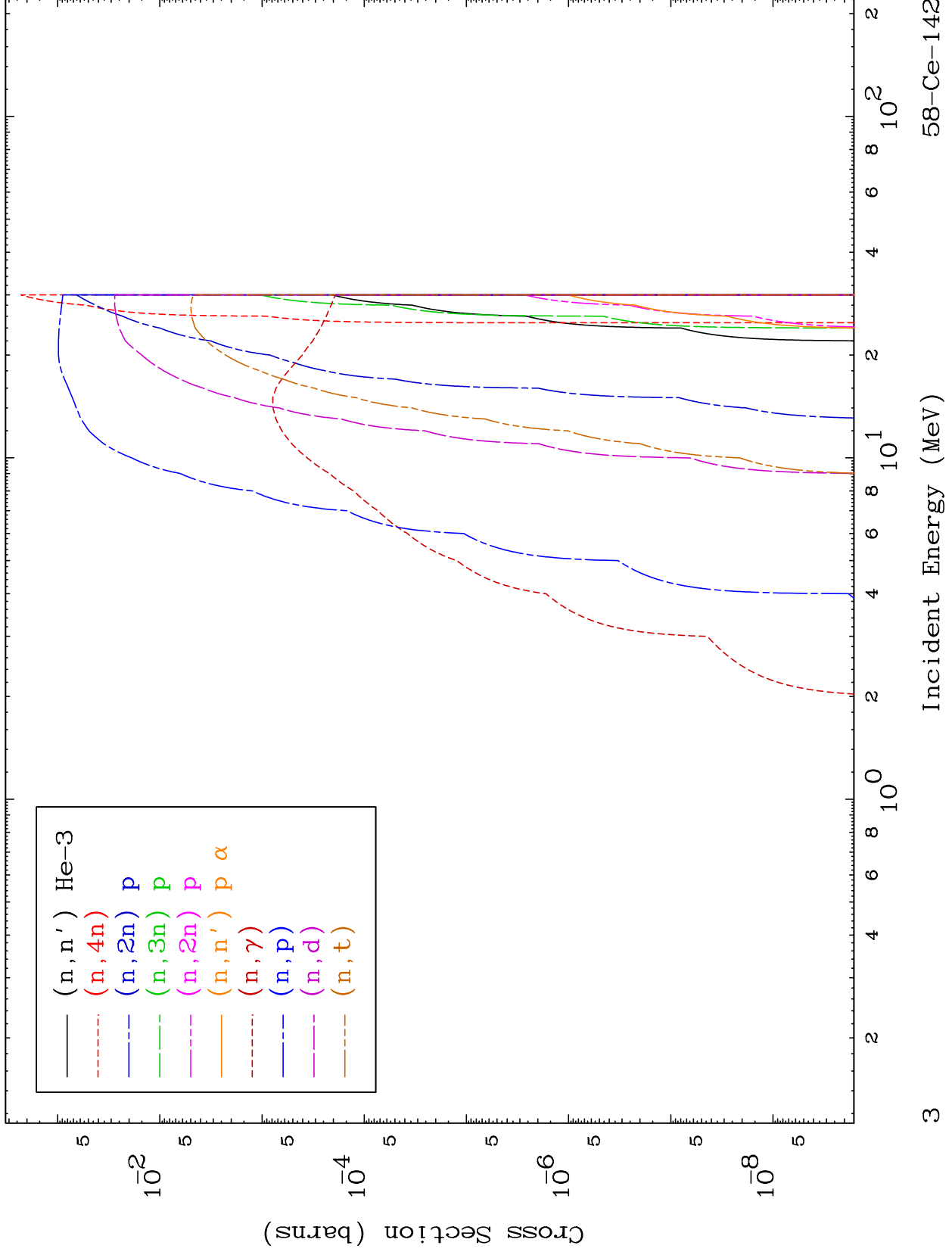
Proton Major

58-Ce-142

0 Kelvin Cross Sections



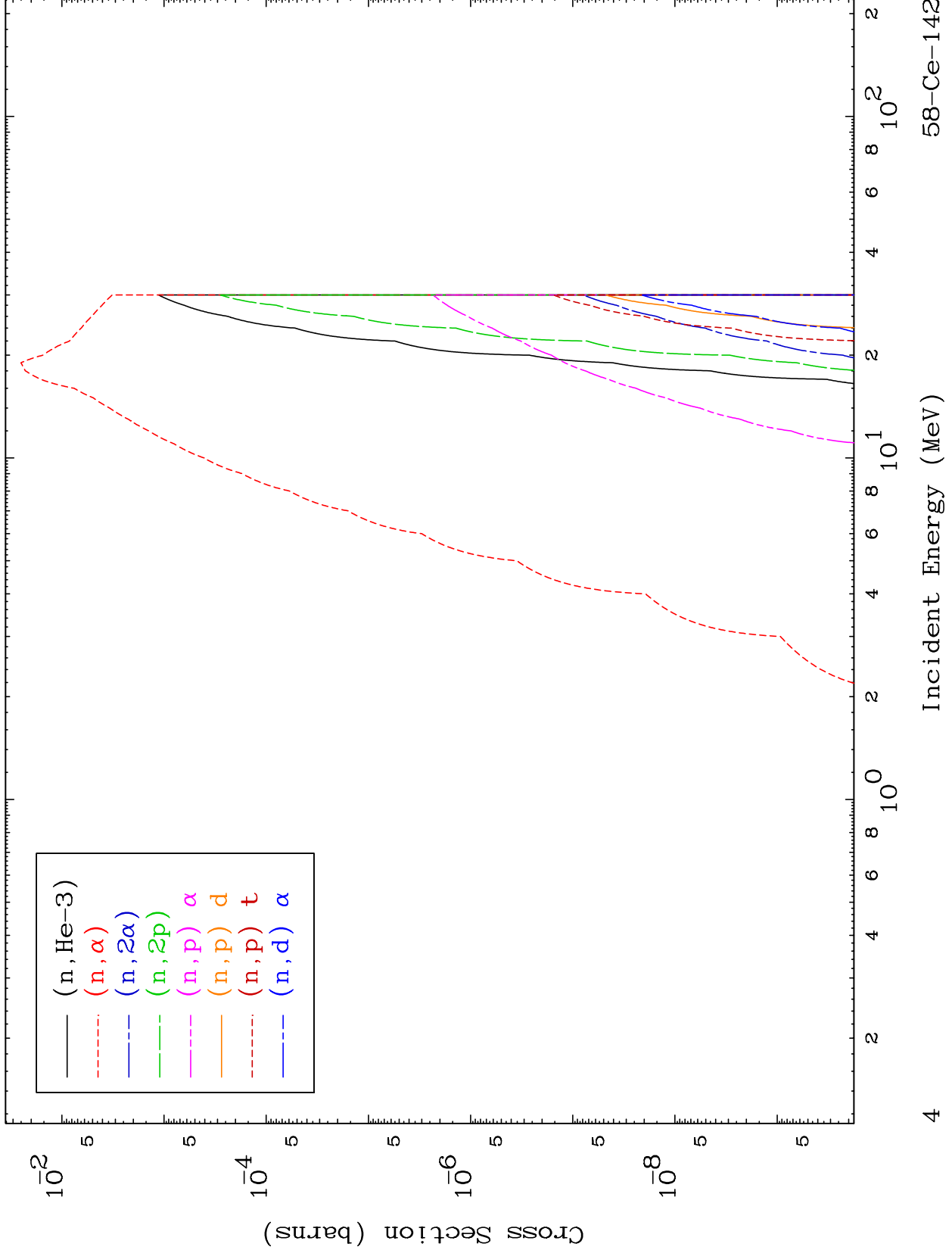




MAT 5843

Proton Neutron Absorption
0 Kelvin Cross Sections

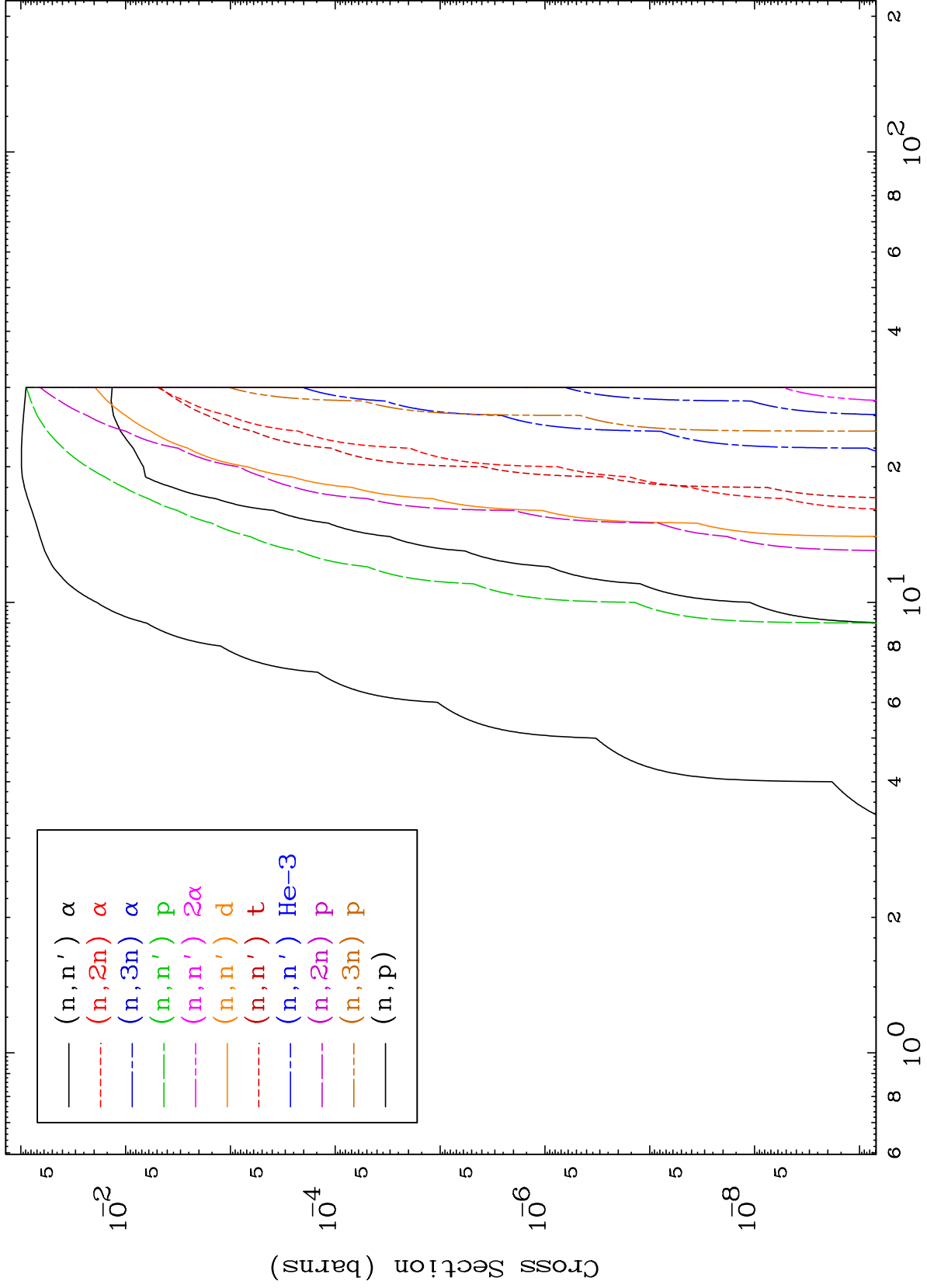
58-Ce-142



MAT 5843

Proton Charged Particle
0 Kelvin Cross Sections

58-Ce-142



5

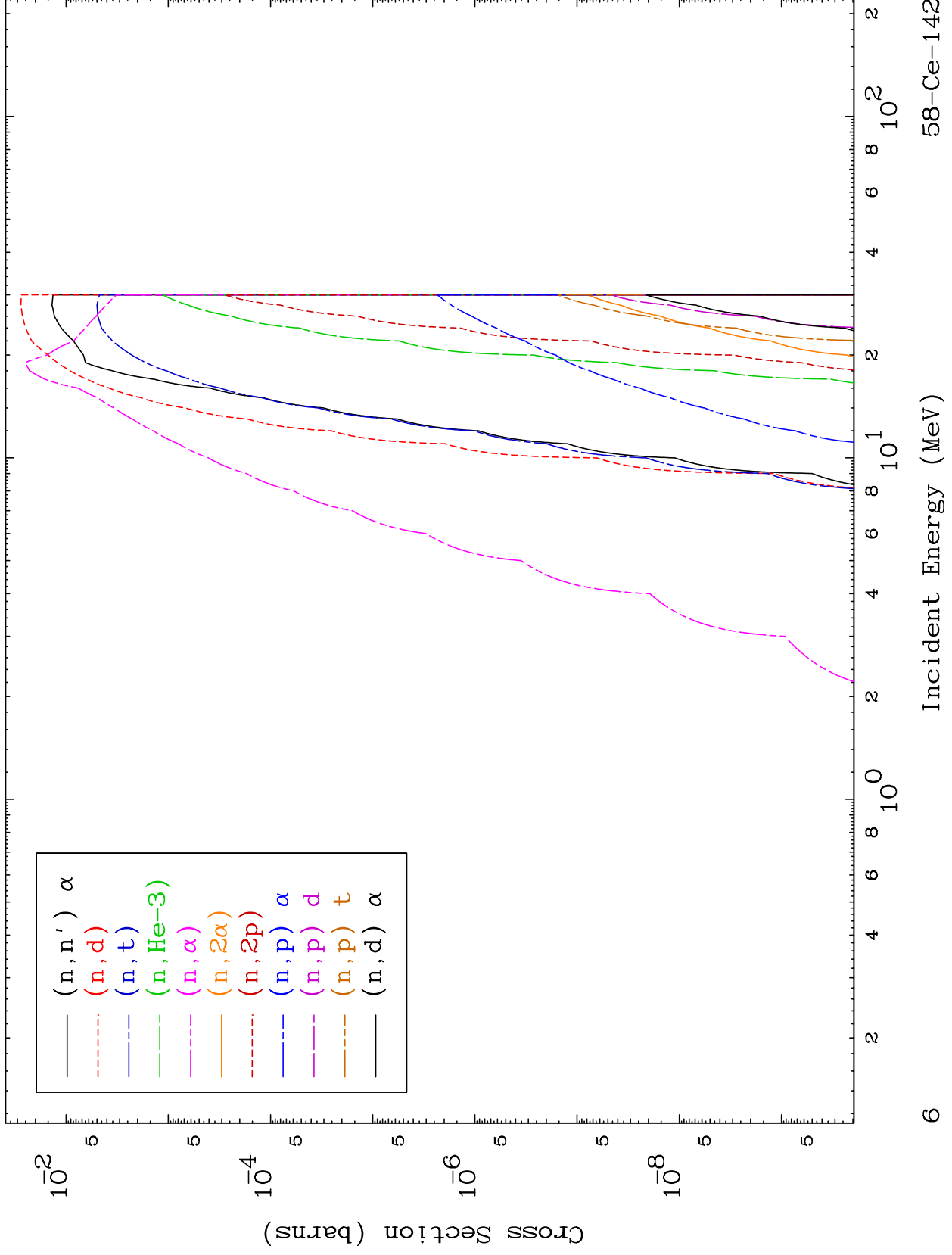
Incident Energy (MeV)

58-Ce-142

MAT 5843

Proton Charged Particle
0 Kelvin Cross Sections

58-Ce-142

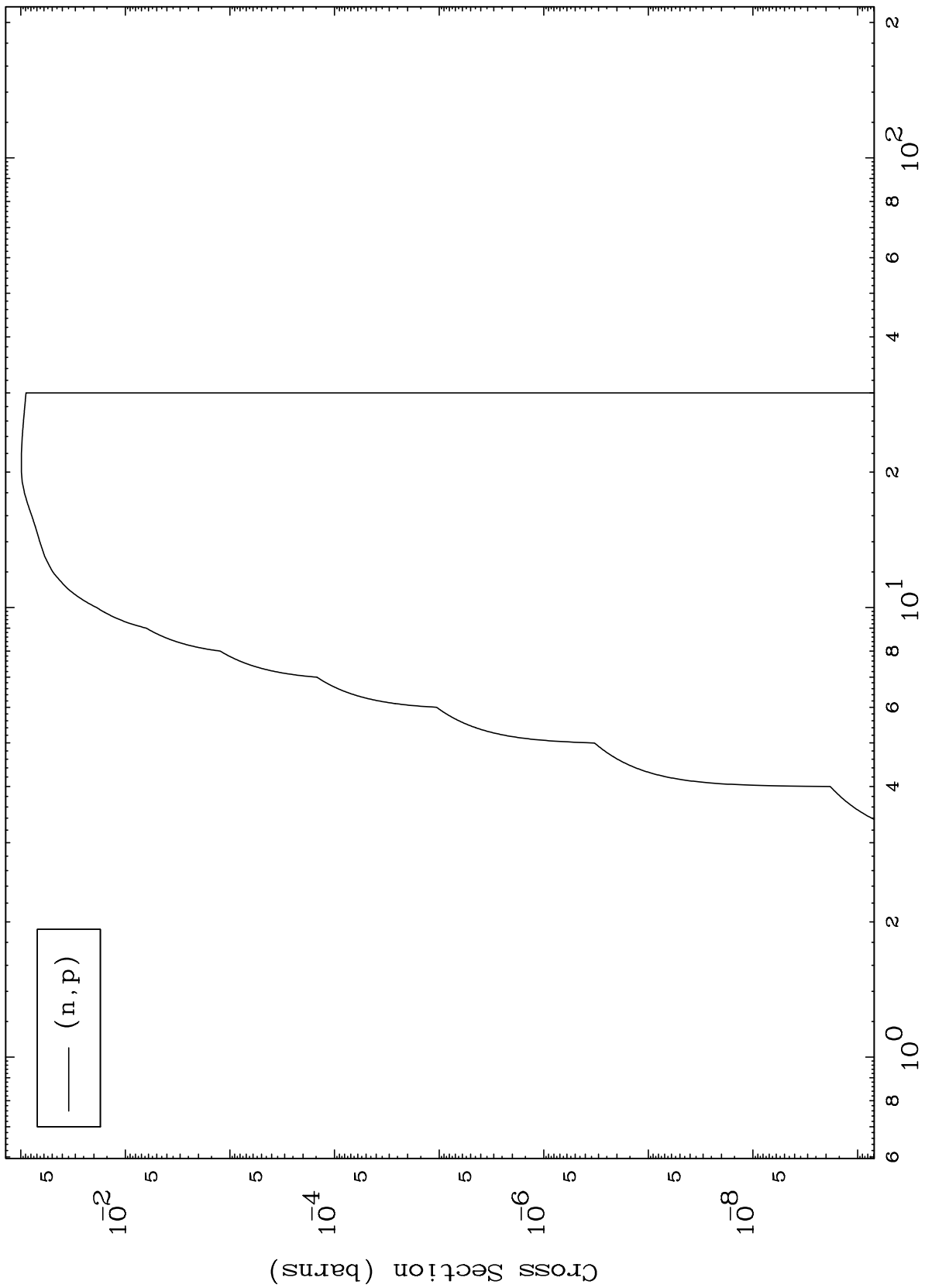


MAT 5843

(p,p) Levels

58-Ce-142

0 Kelvin Cross Sections



7

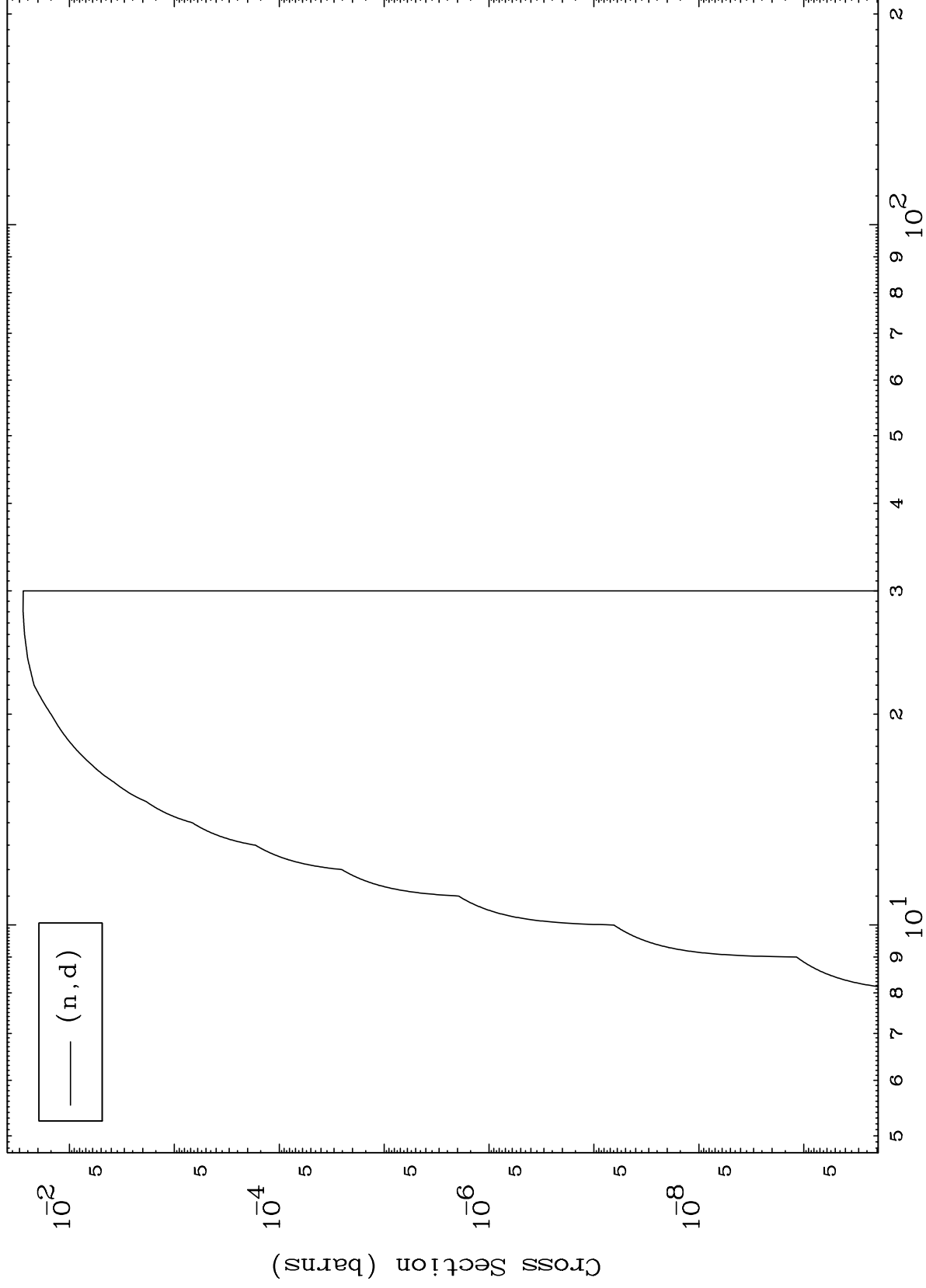
Incident Energy (MeV)

58-Ce-142

MAT 5843

(p,d) Levels
0 Kelvin Cross Sections

58-Ce-142



8

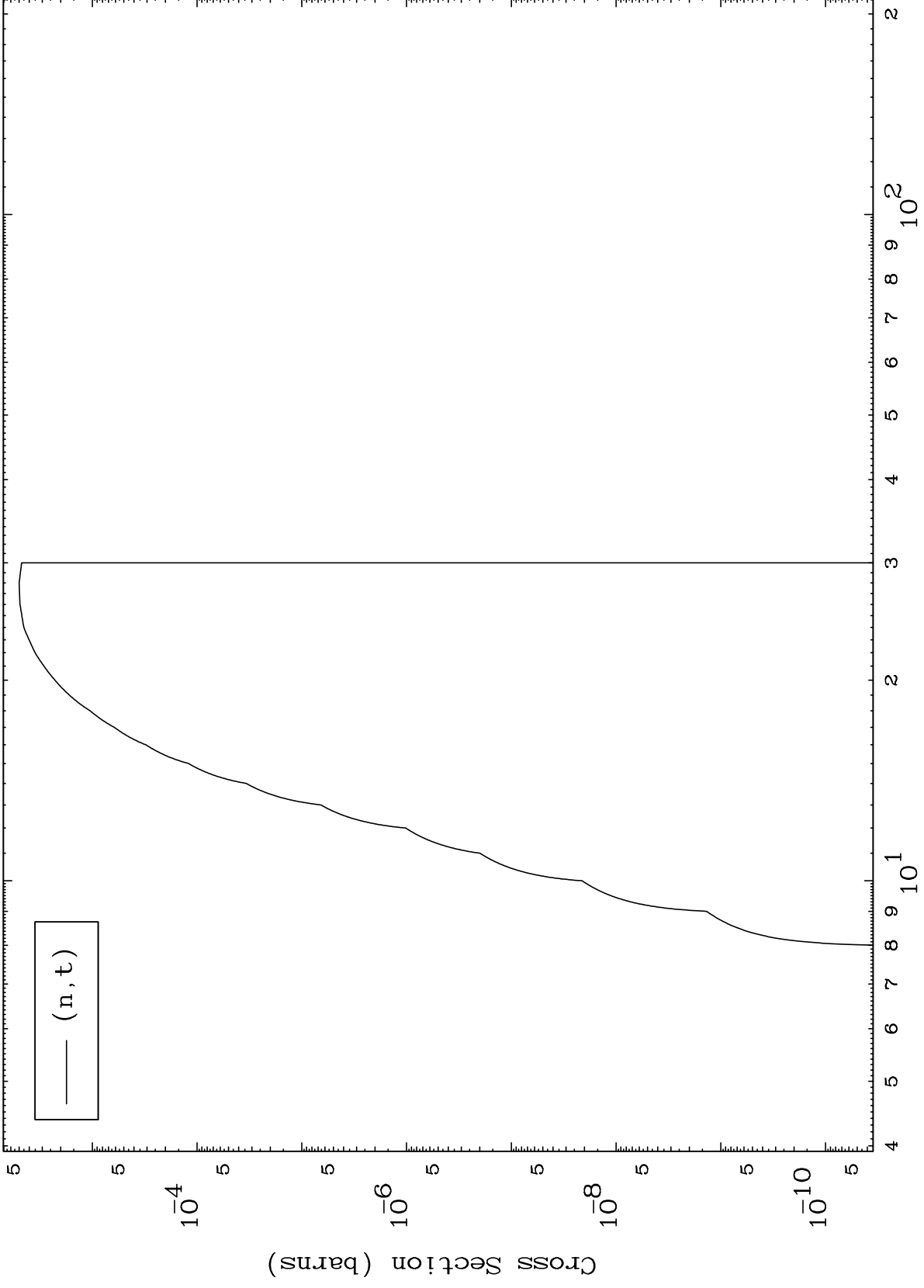
Incident Energy (MeV)

58-Ce-142

MAT 5843

(p,t) Levels
0 Kelvin Cross Sections

58-Ce-142



9

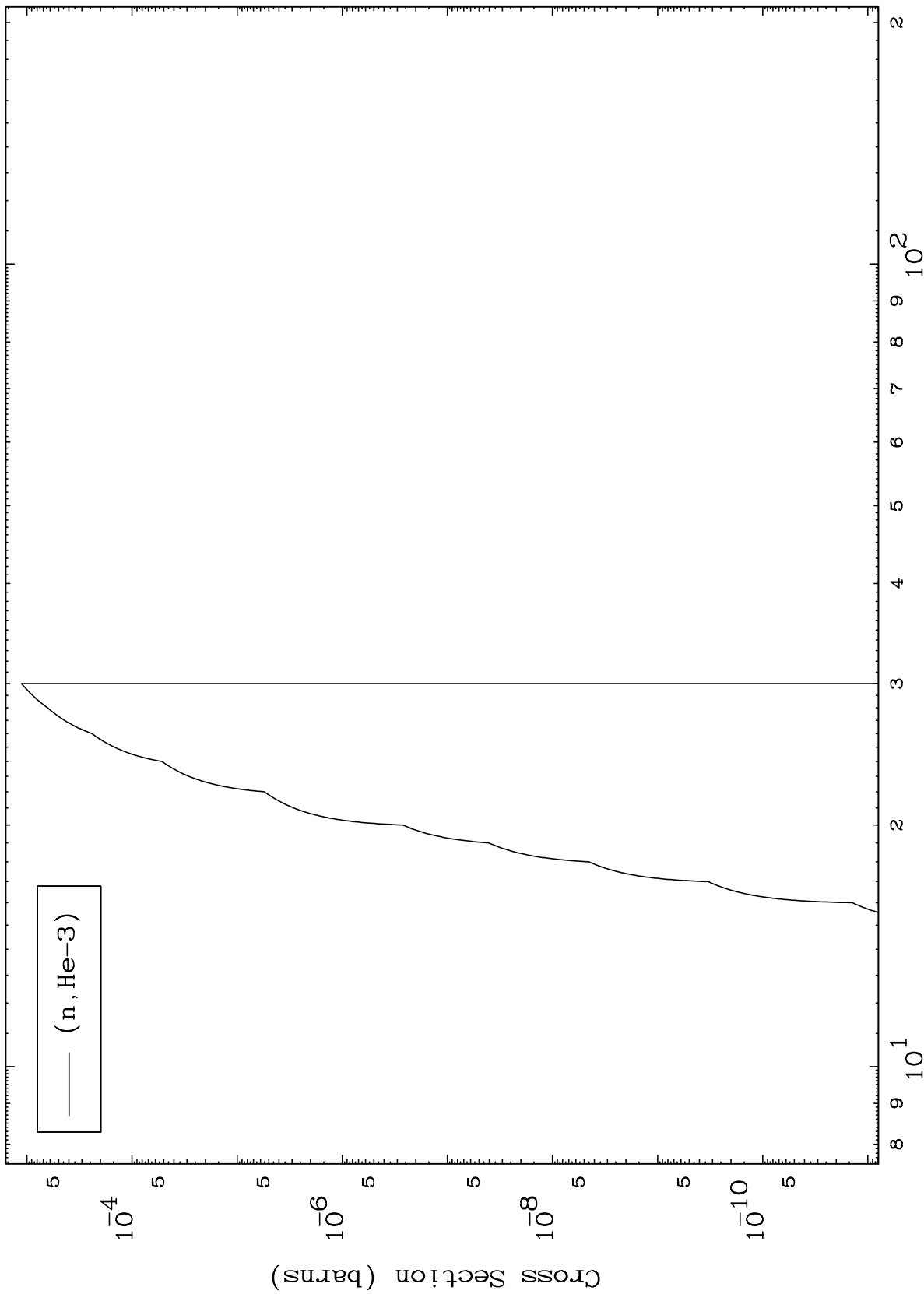
Incident Energy (MeV)

58-Ce-142

MAT 5843

(p,He3) Levels
0 Kelvin Cross Sections

58-Ce-142



10

Incident Energy (MeV)

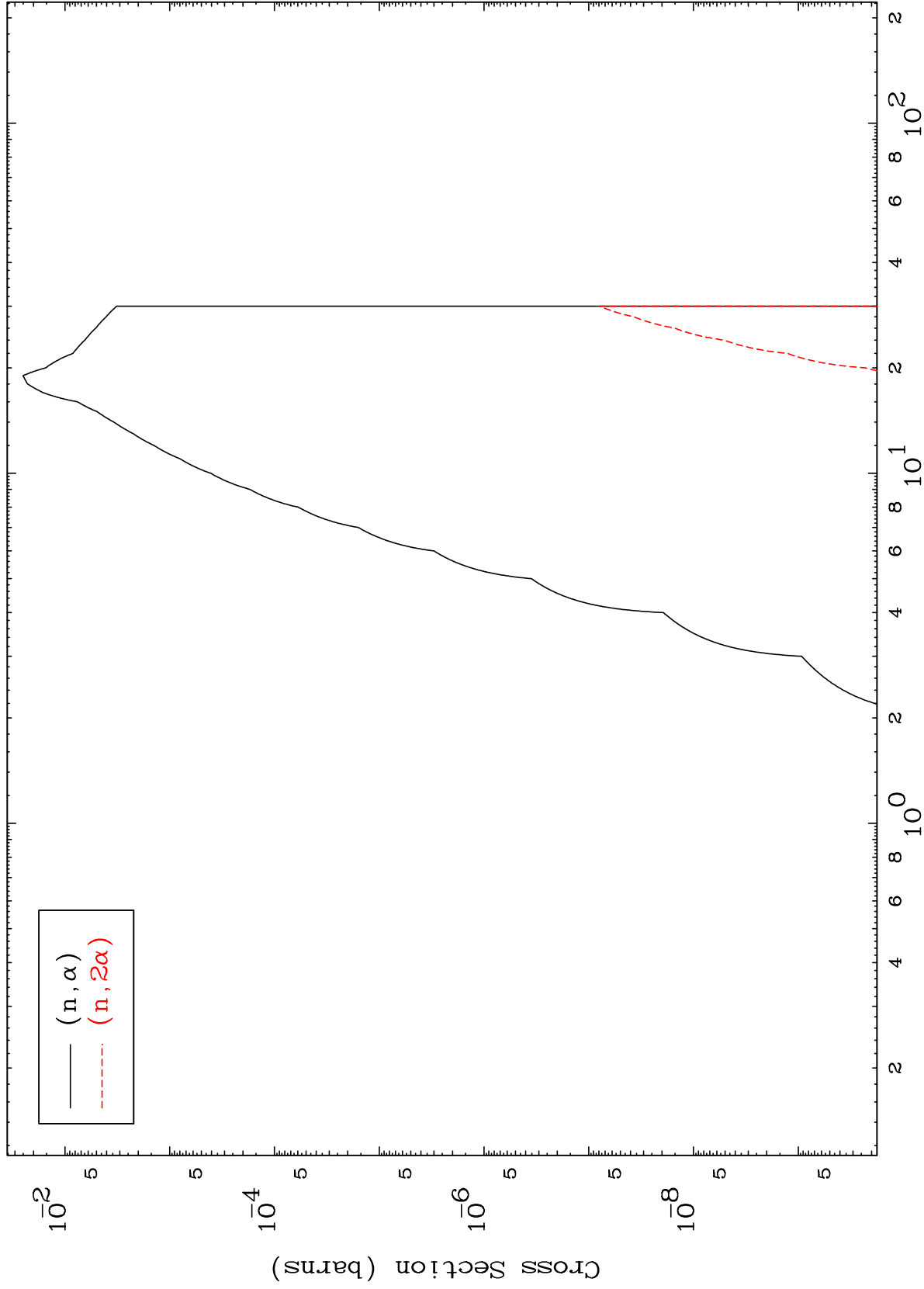
58-Ce-142

MAT 5843

(p, α) Levels

58-Ce-142

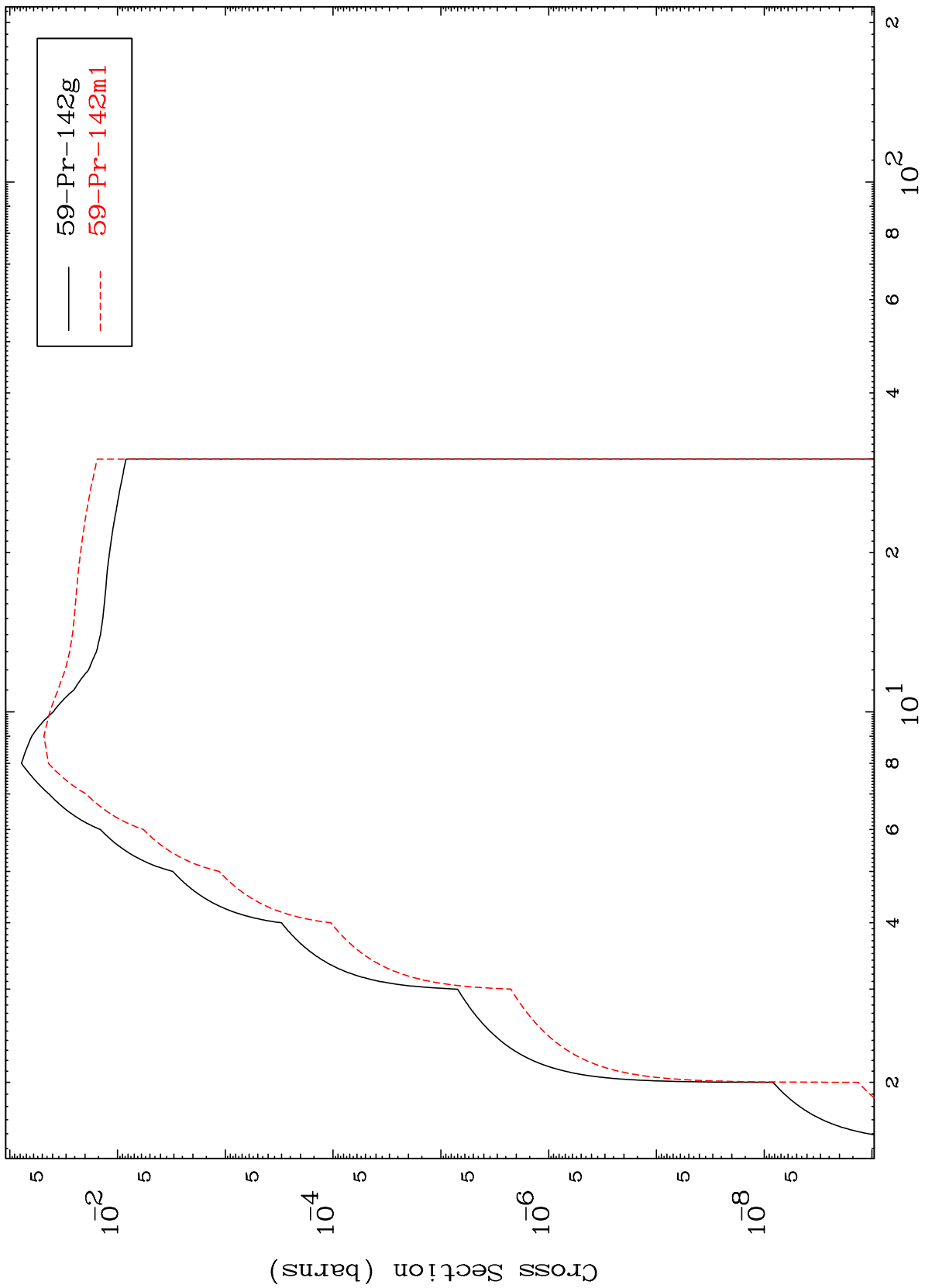
0 Kelvin Cross Sections



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58-Ce-142

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

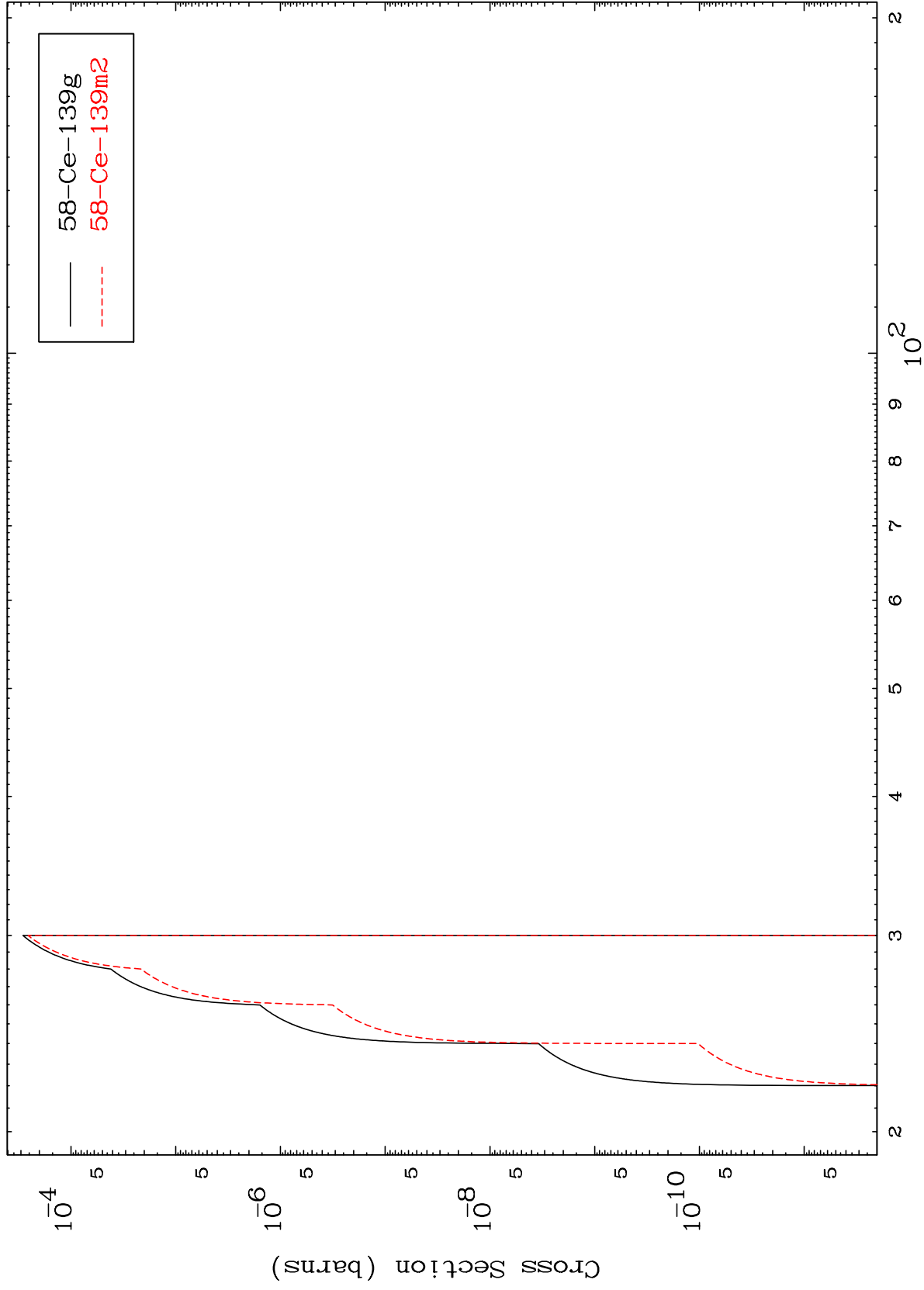
58-Ce-142

MAT 5843

(n,2n) d

58-Ce-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

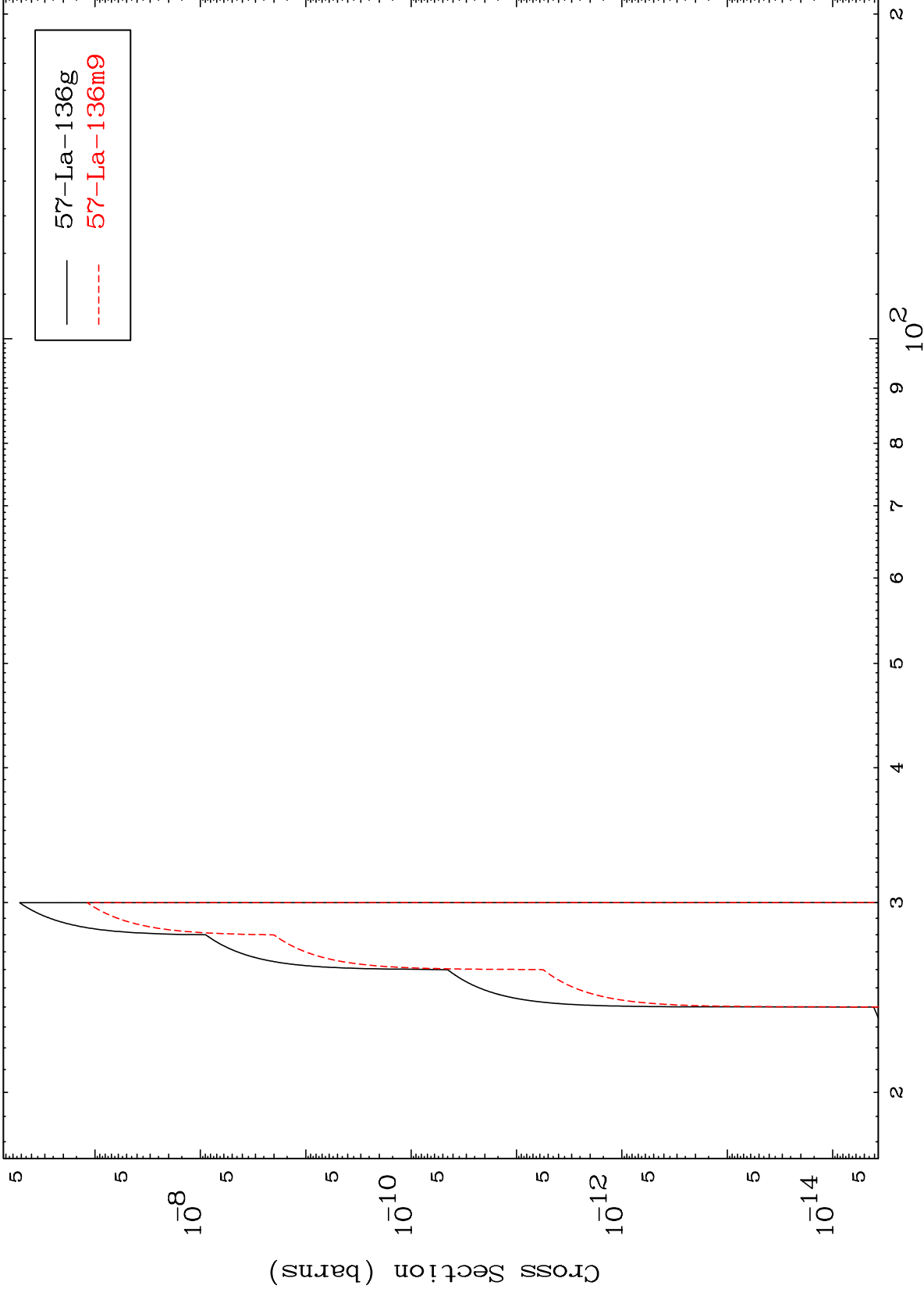
58-Ce-142

MAT 5843

(n,3n) α

58-Ce-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

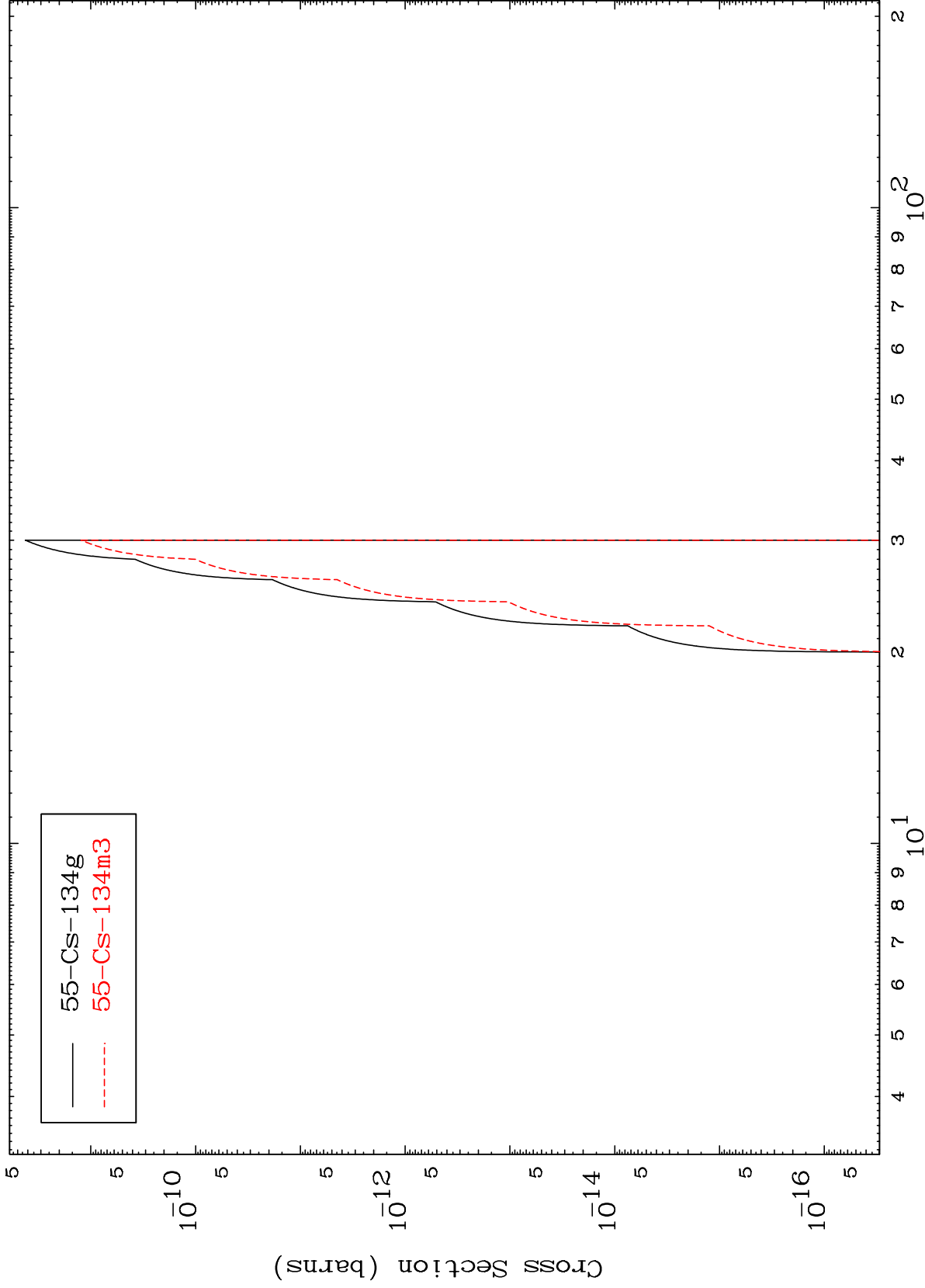
58-Ce-142

MAT 5843

(n,n') 2 α

58-Ce-142

Radionuclide Production Cross Section



15

Incident Energy (MeV)

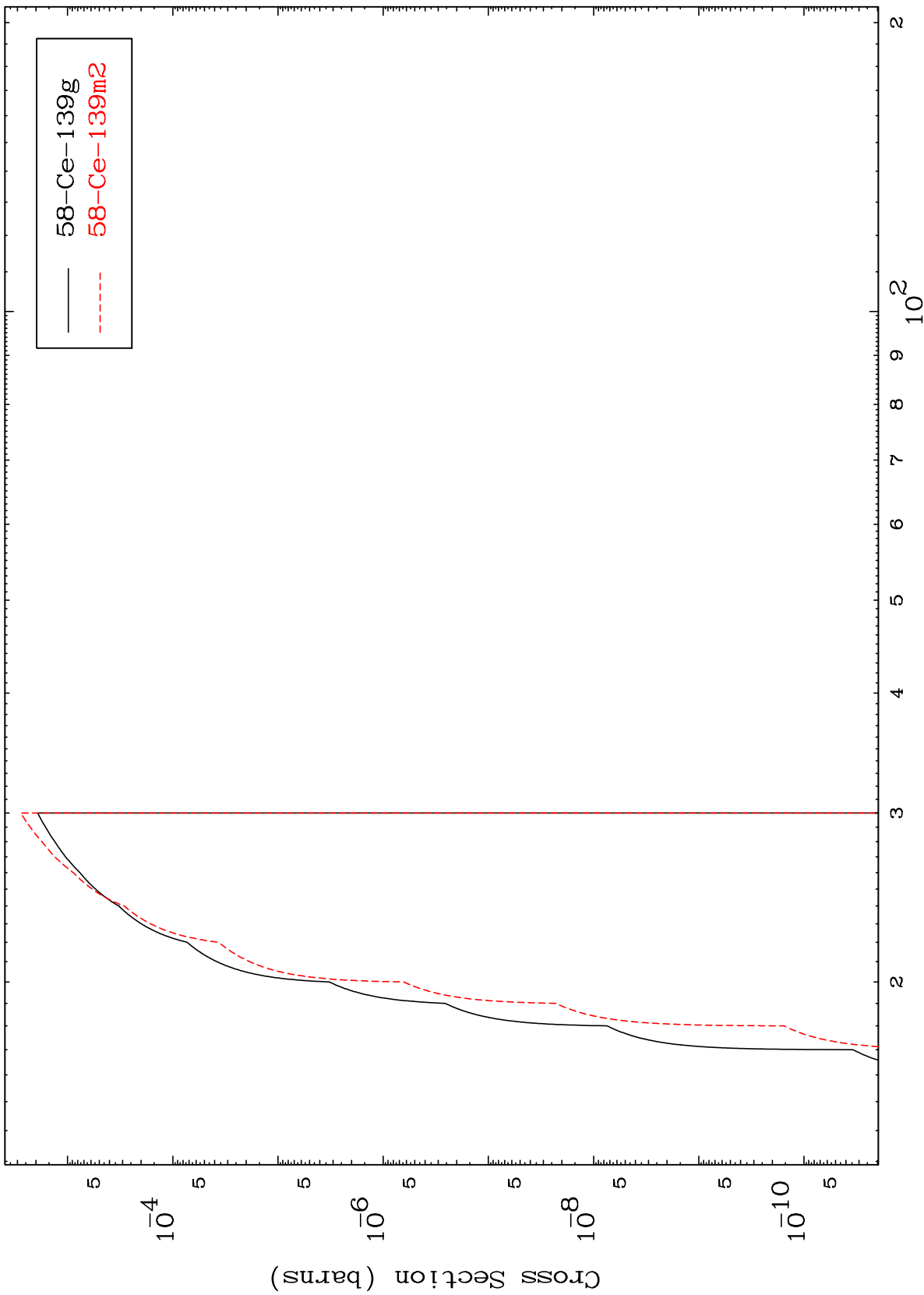
58-Ce-142

MAT 5843

(n,n') t

58-Ce-142

Radionuclide Production Cross Section



16

Incident Energy (MeV)

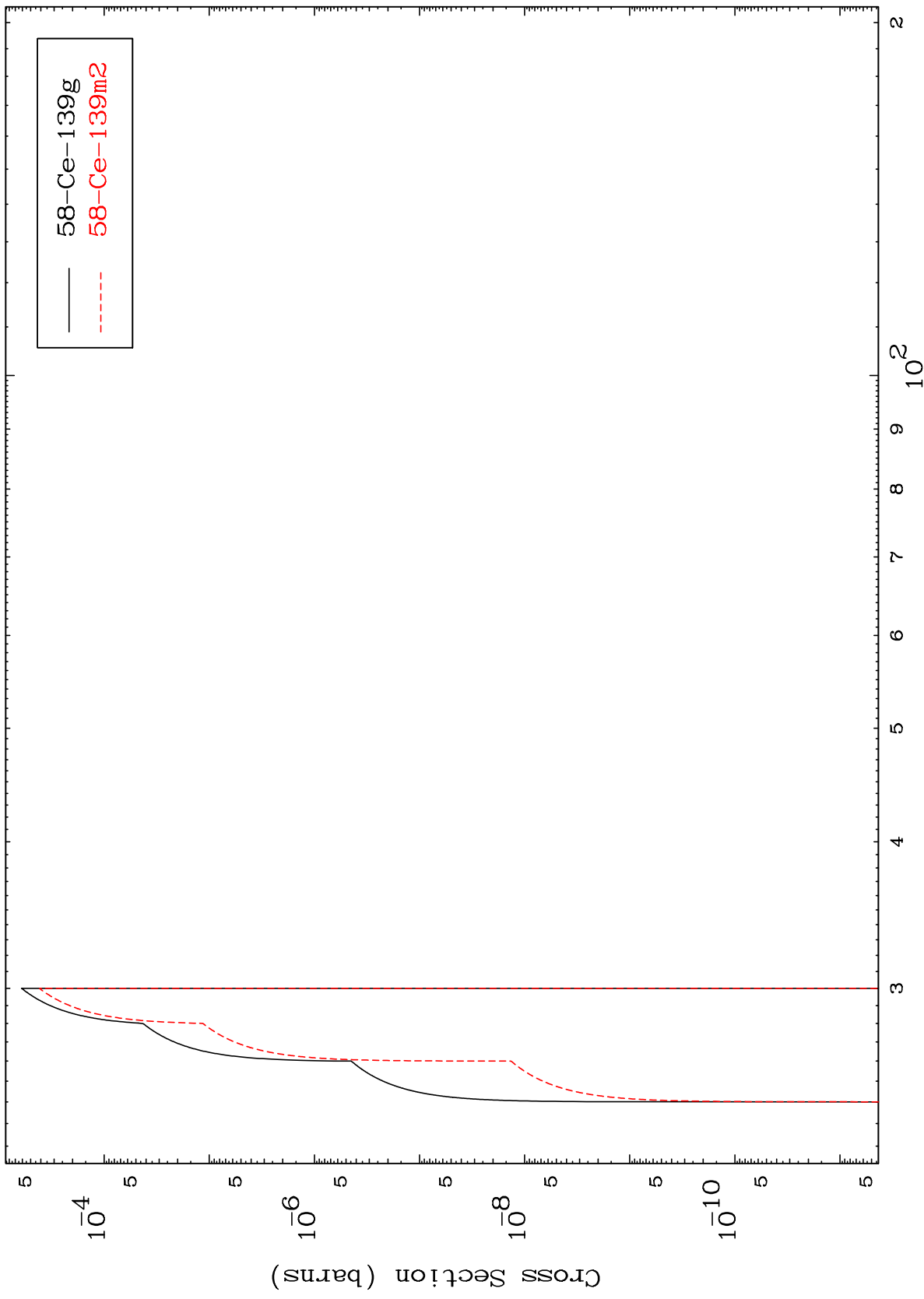
58-Ce-142

MAT 5843

(n,3n) p

58-Ce-142

Radionuclide Production Cross Section



17

Incident Energy (MeV)

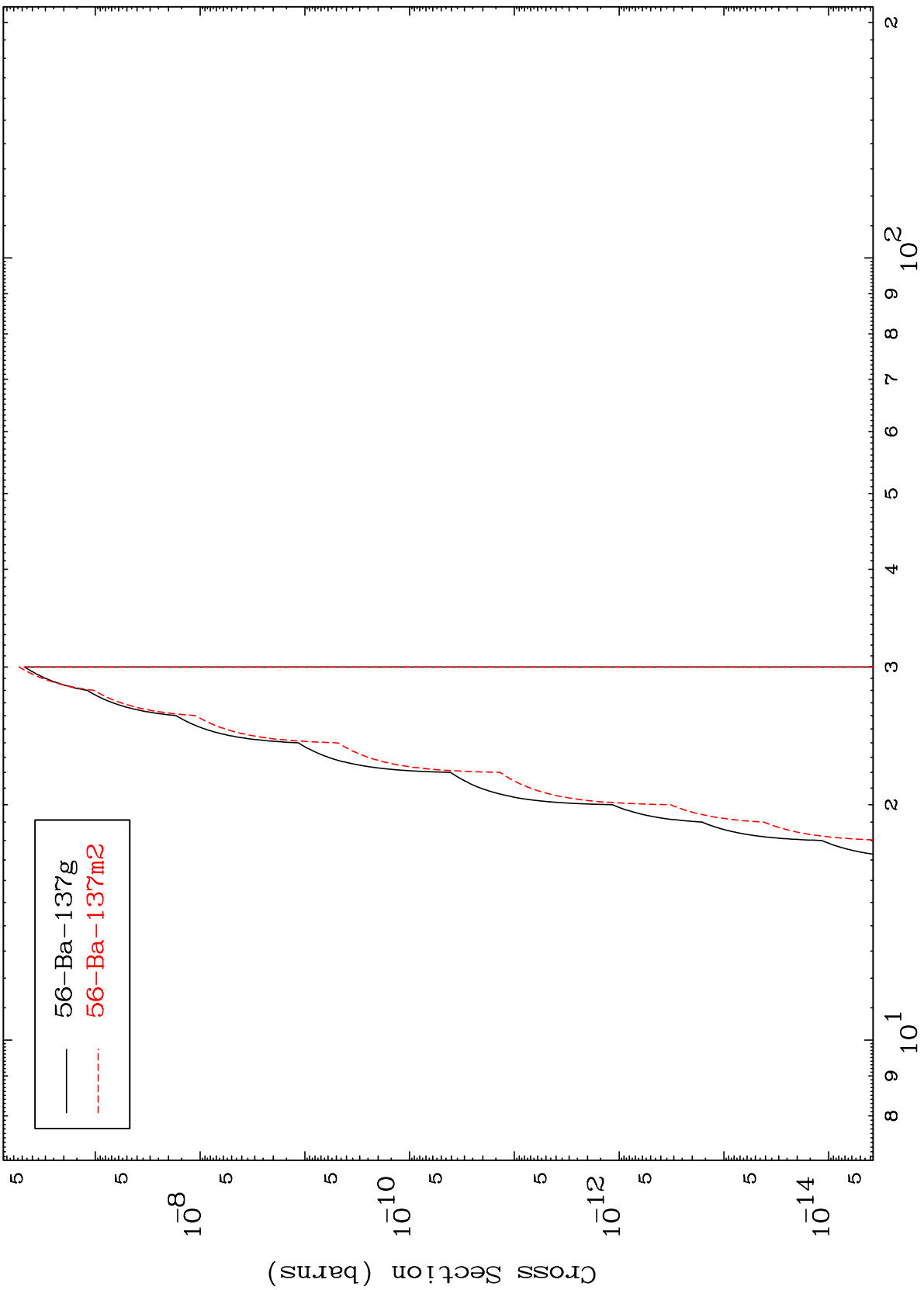
58-Ce-142

MAT 5843

(n,n') p α

58-Ce-142

Radionuclide Production Cross Section



18

Incident Energy (MeV)

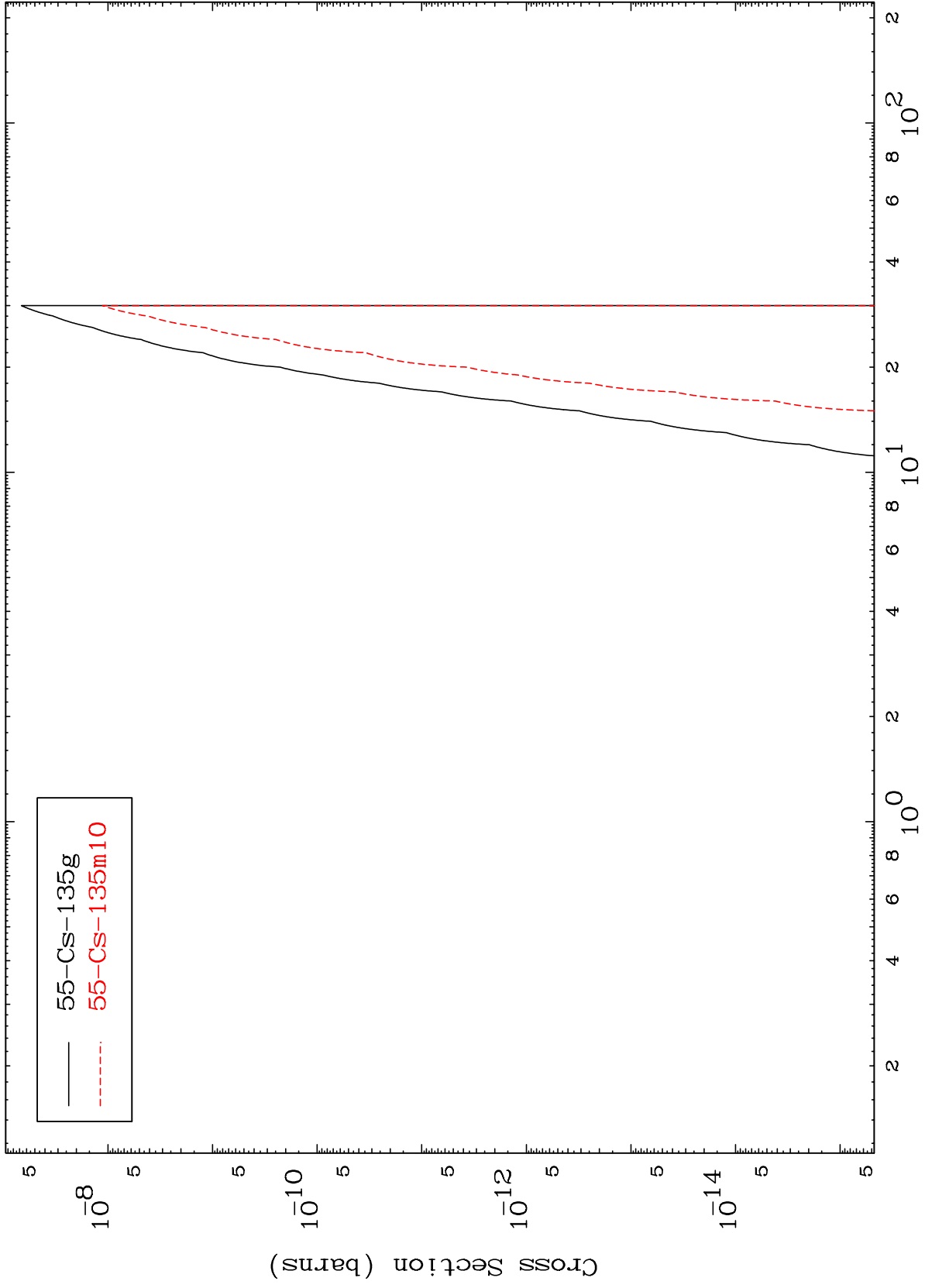
58-Ce-142

MAT 5843

(n,2α)

58-Ce-142

Radionuclide Production Cross Section



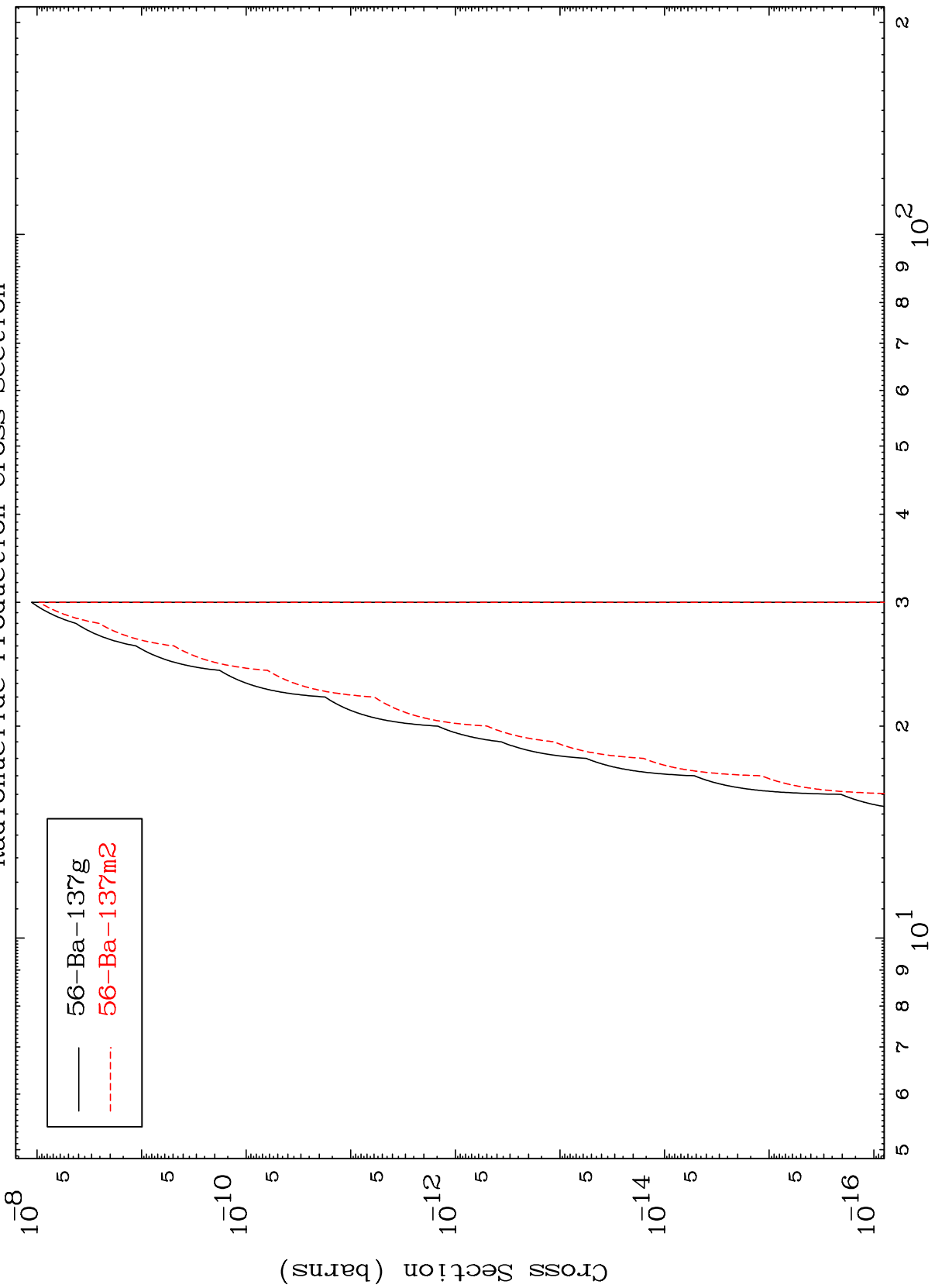
55-Cs-135g
55-Cs-135m10

MAT 5843

(n,d) α

58-Ce-142

Radionuclide Production Cross Section



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

20

Incident Energy (MeV)

58-Ce-142