

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

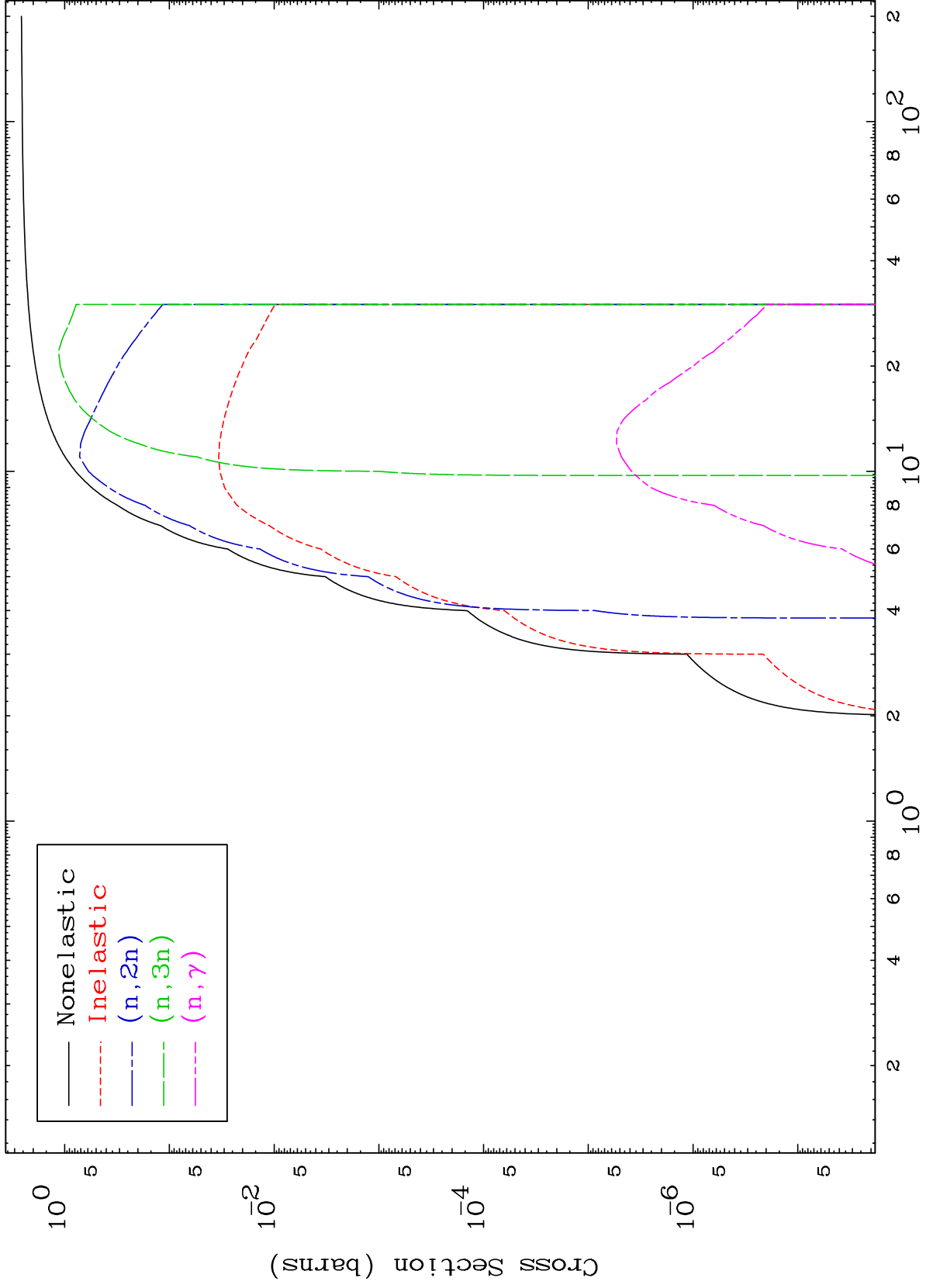
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5843

Deuteron Major
0 Kelvin Cross Sections

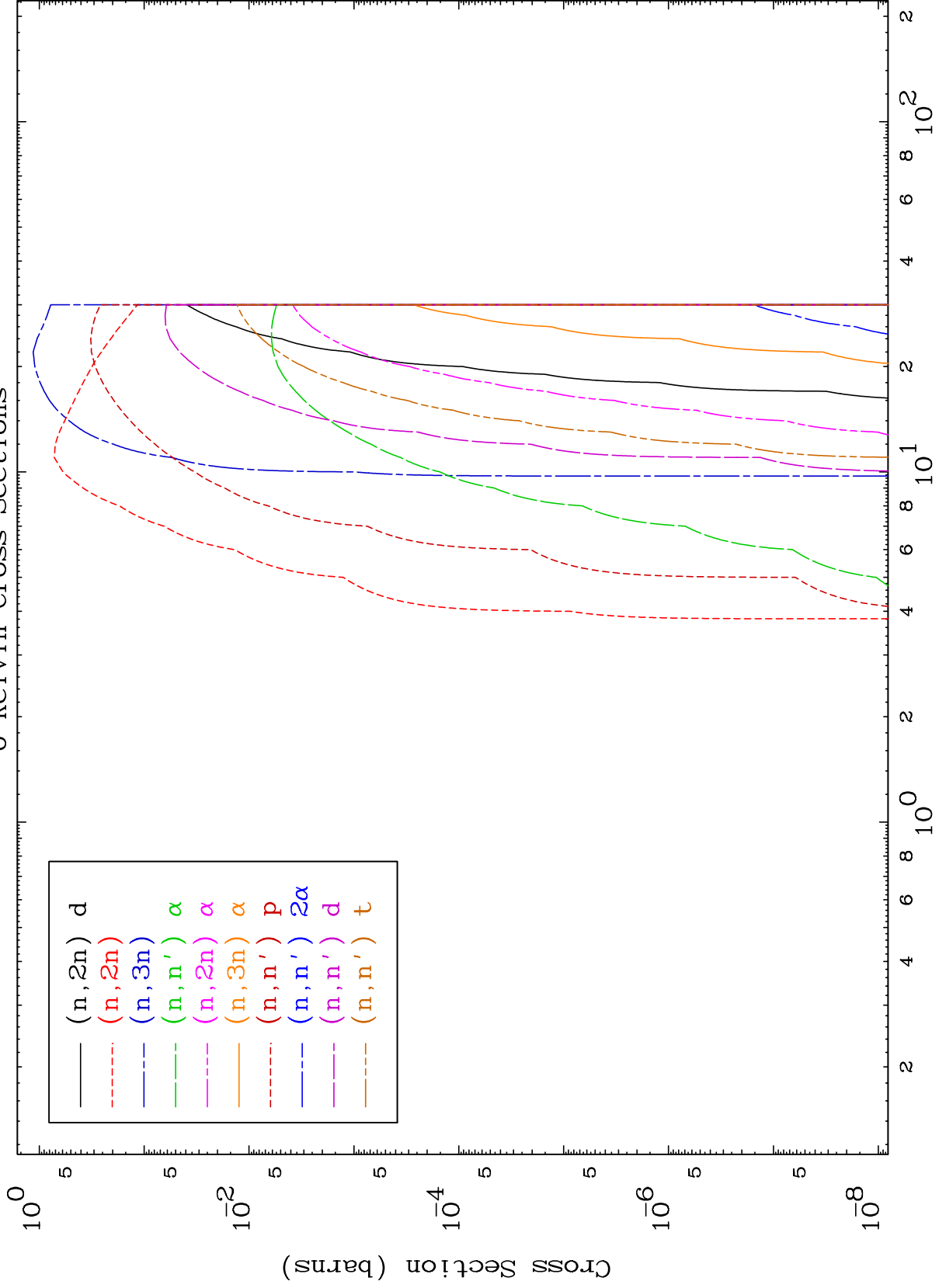
58-Ce-142



MAT 5843

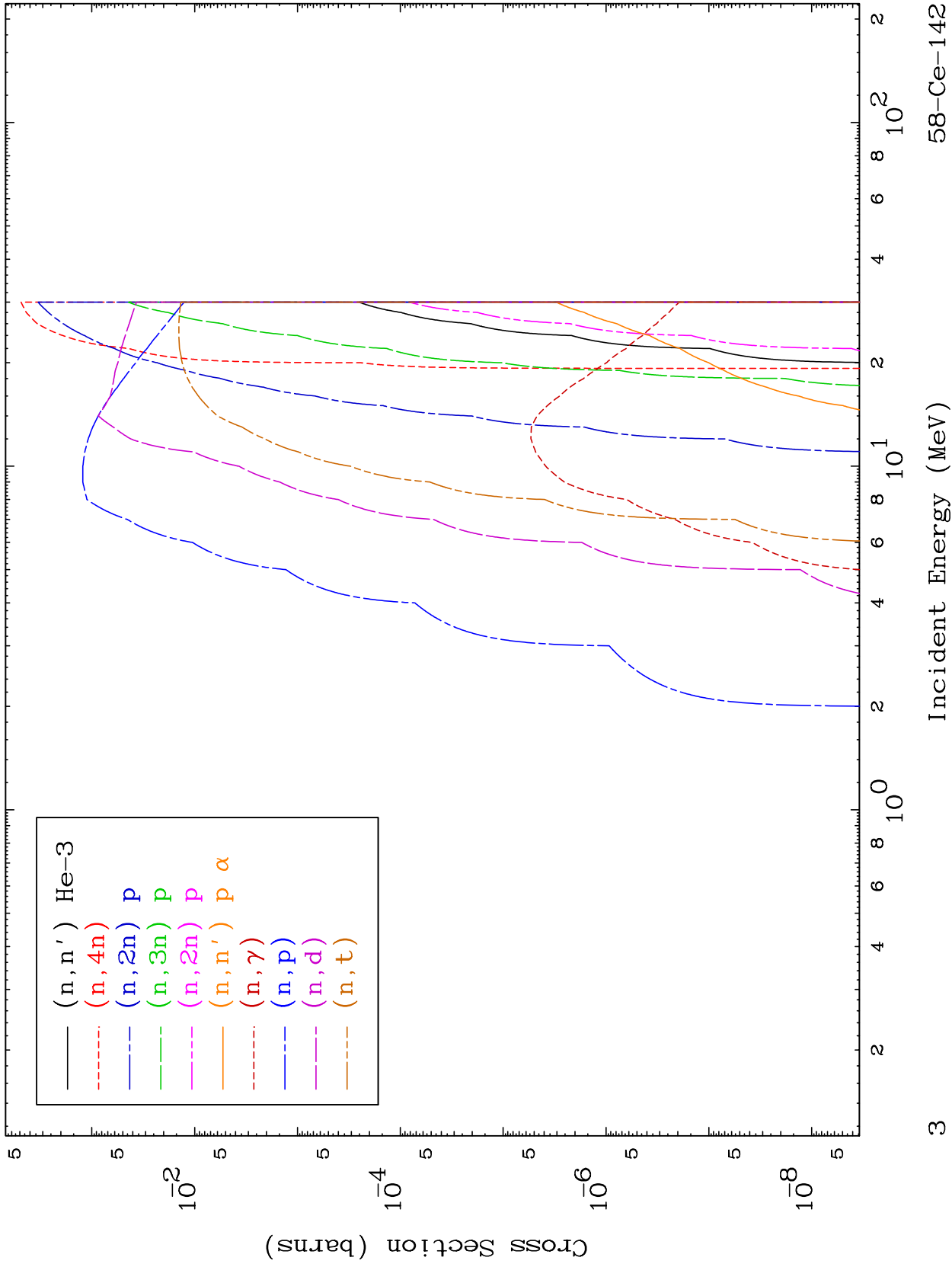
Deuteron Neutron Absorption
0 Kelvin Cross Sections

58-Ce-142



58-Ce-142

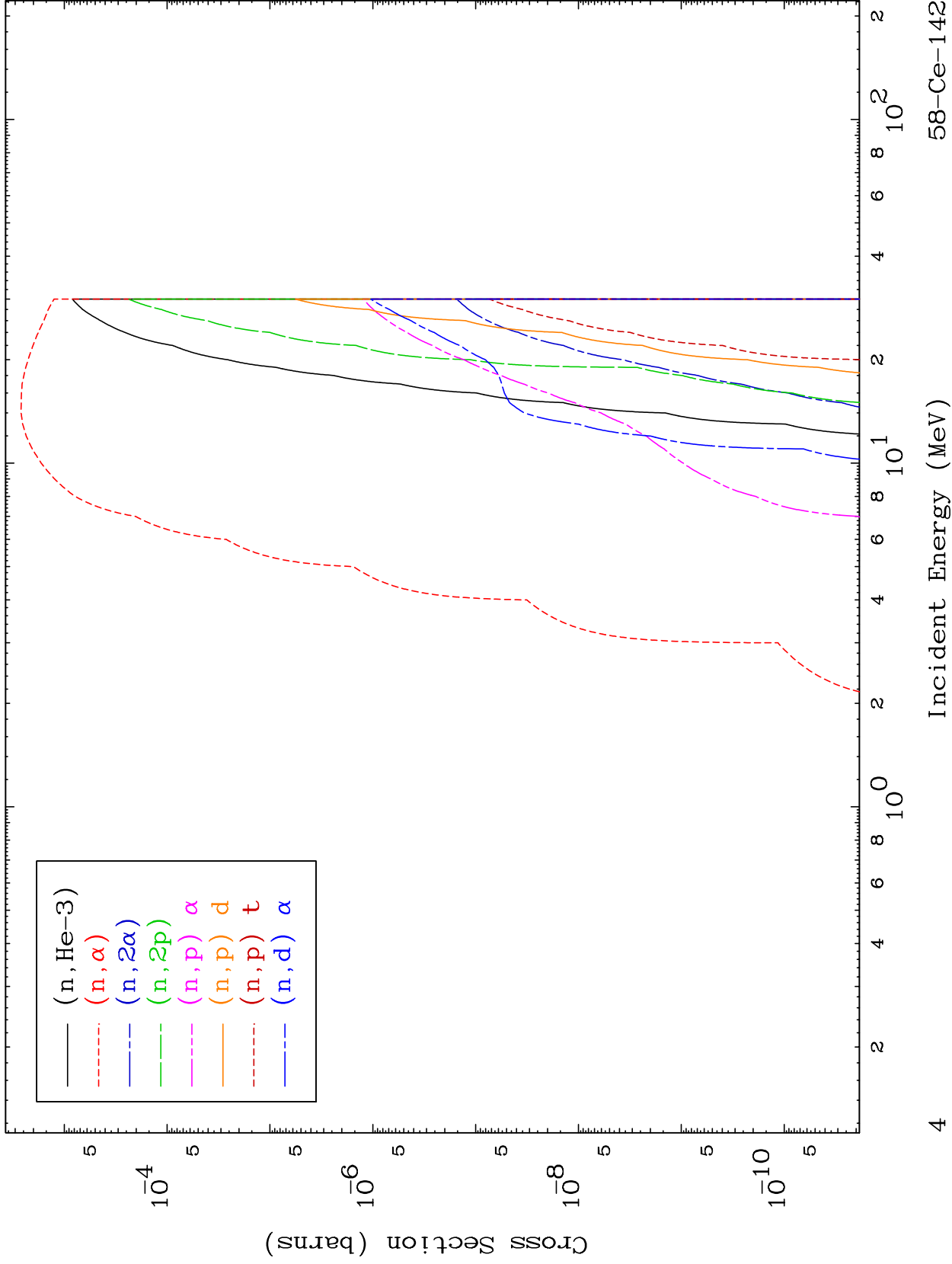
Incident Energy (MeV)

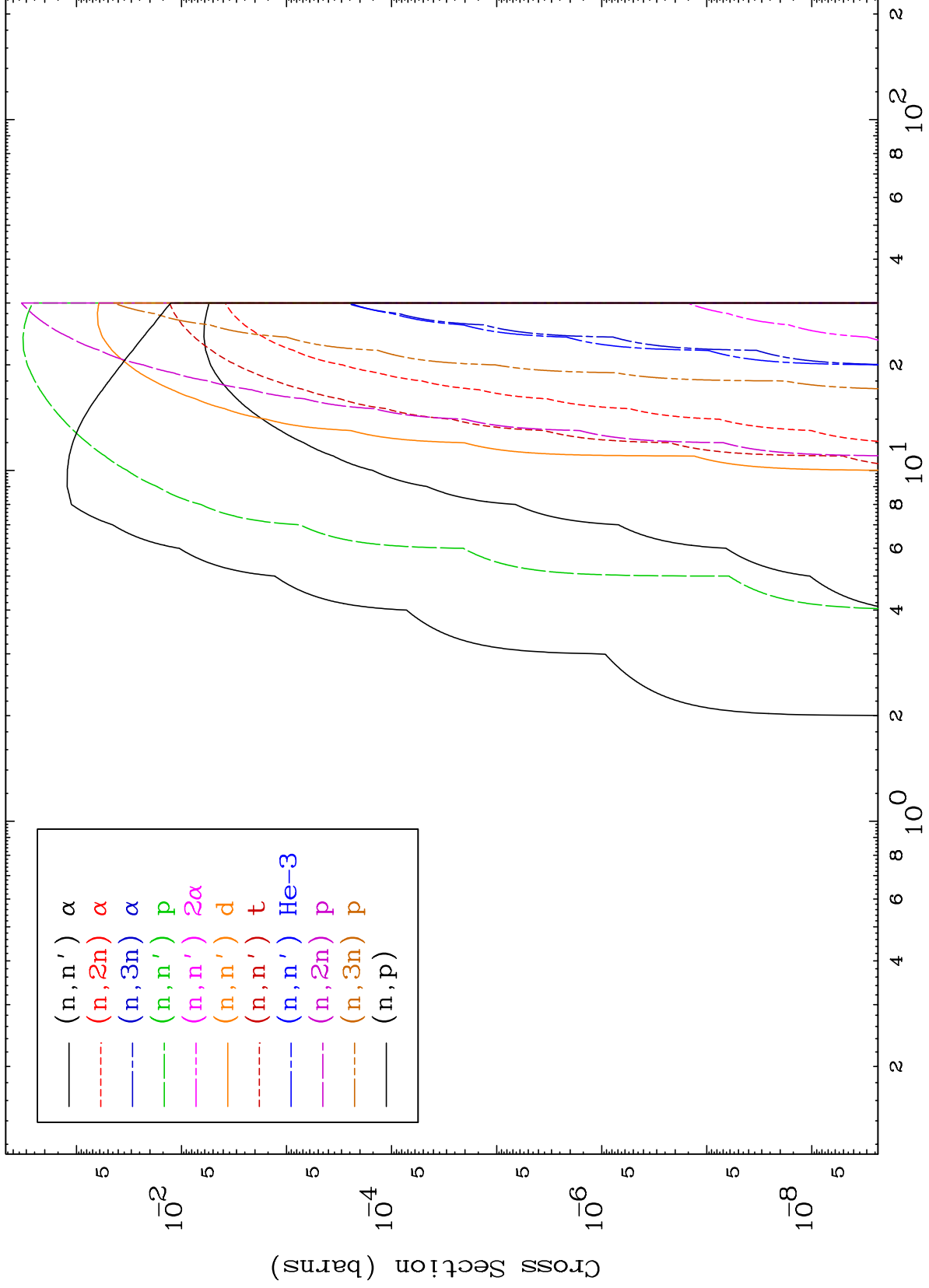


MAT 5843

Deuteron Neutron Absorption
0 Kelvin Cross Sections

58-Ce-142

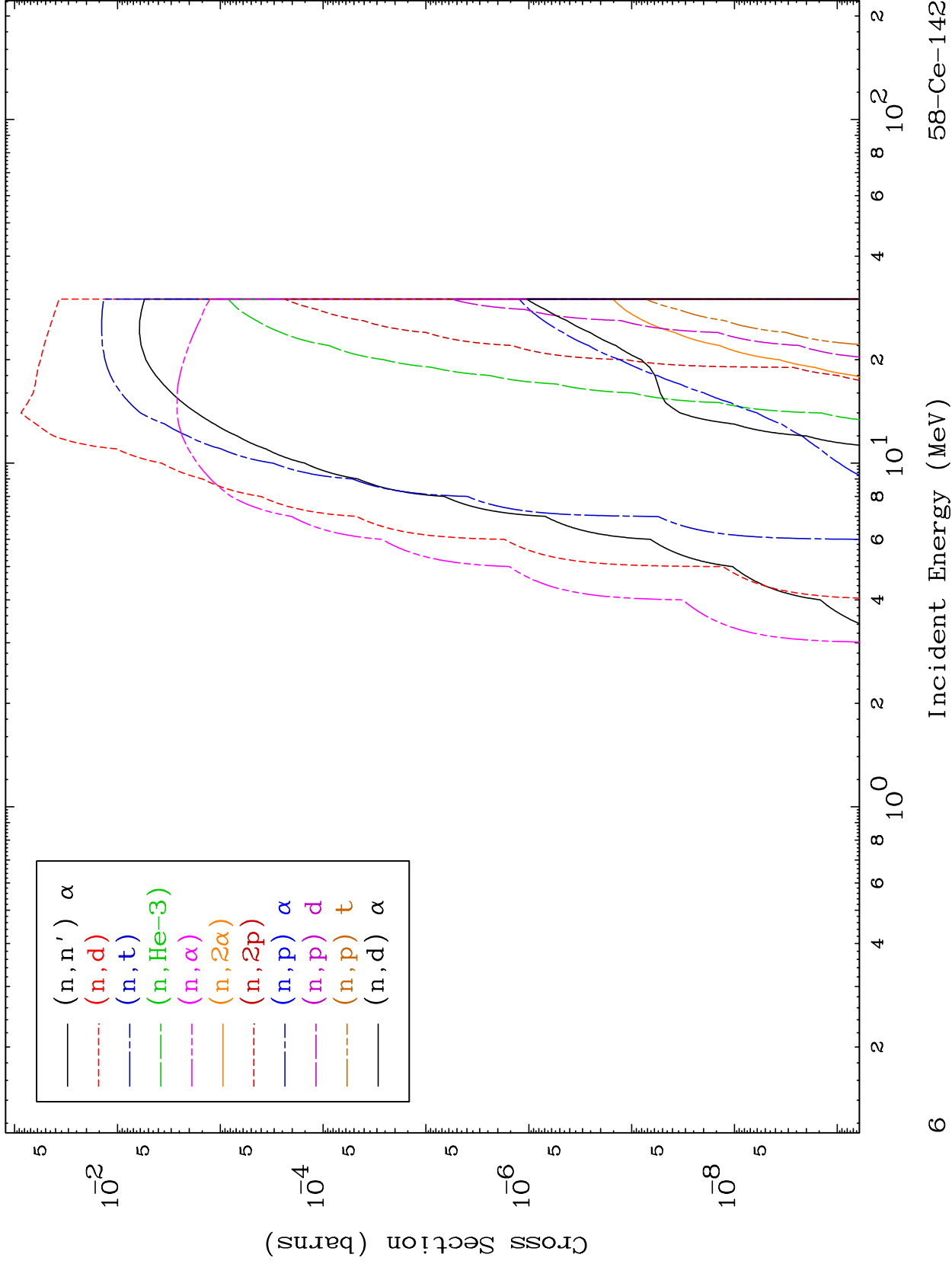




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Deuteron Charged Particle
0 Kelvin Cross Sections

58-Ce-142

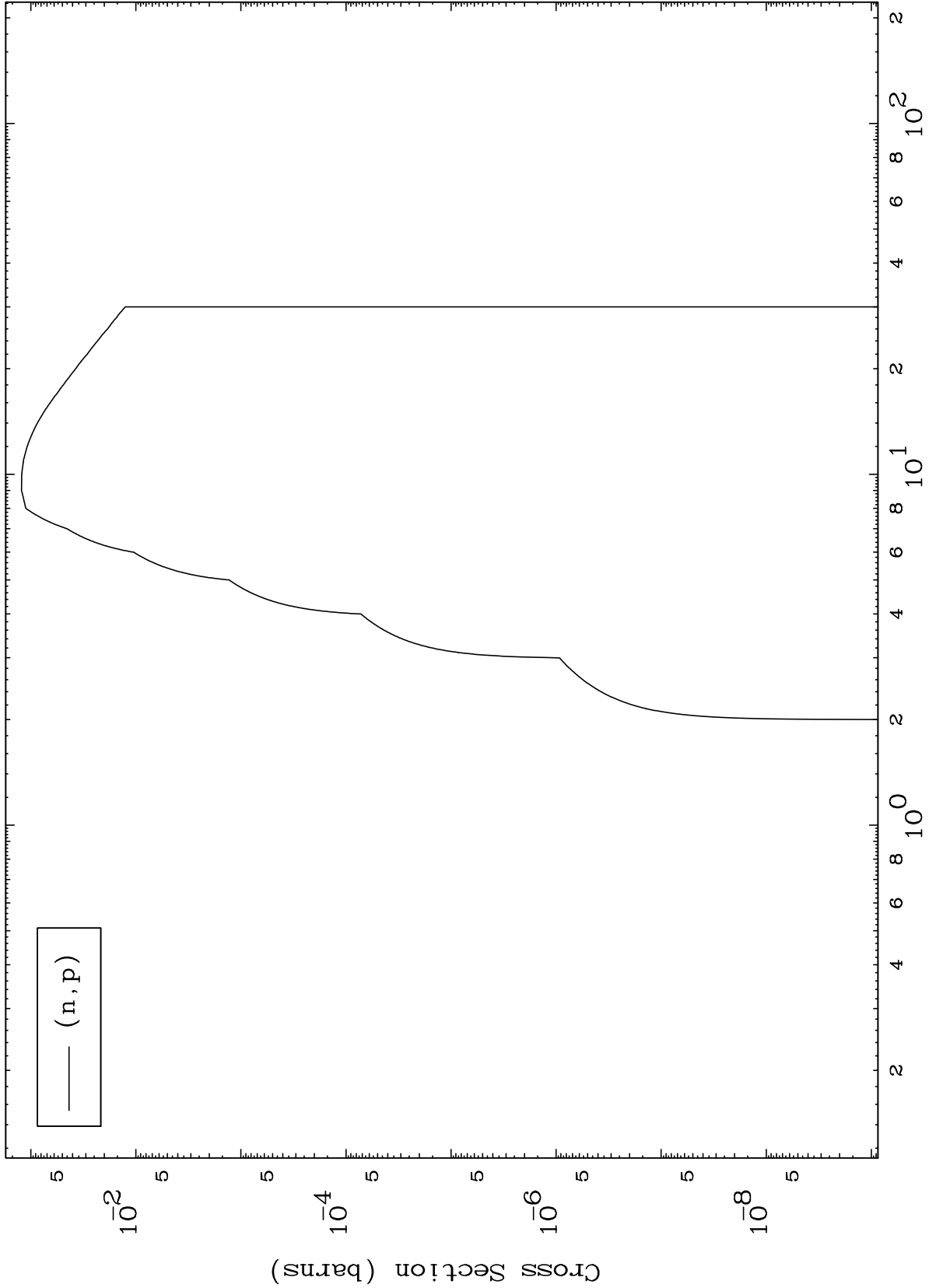


MAT 5843

(d,p) Levels

58-Ce-142

0 Kelvin Cross Sections

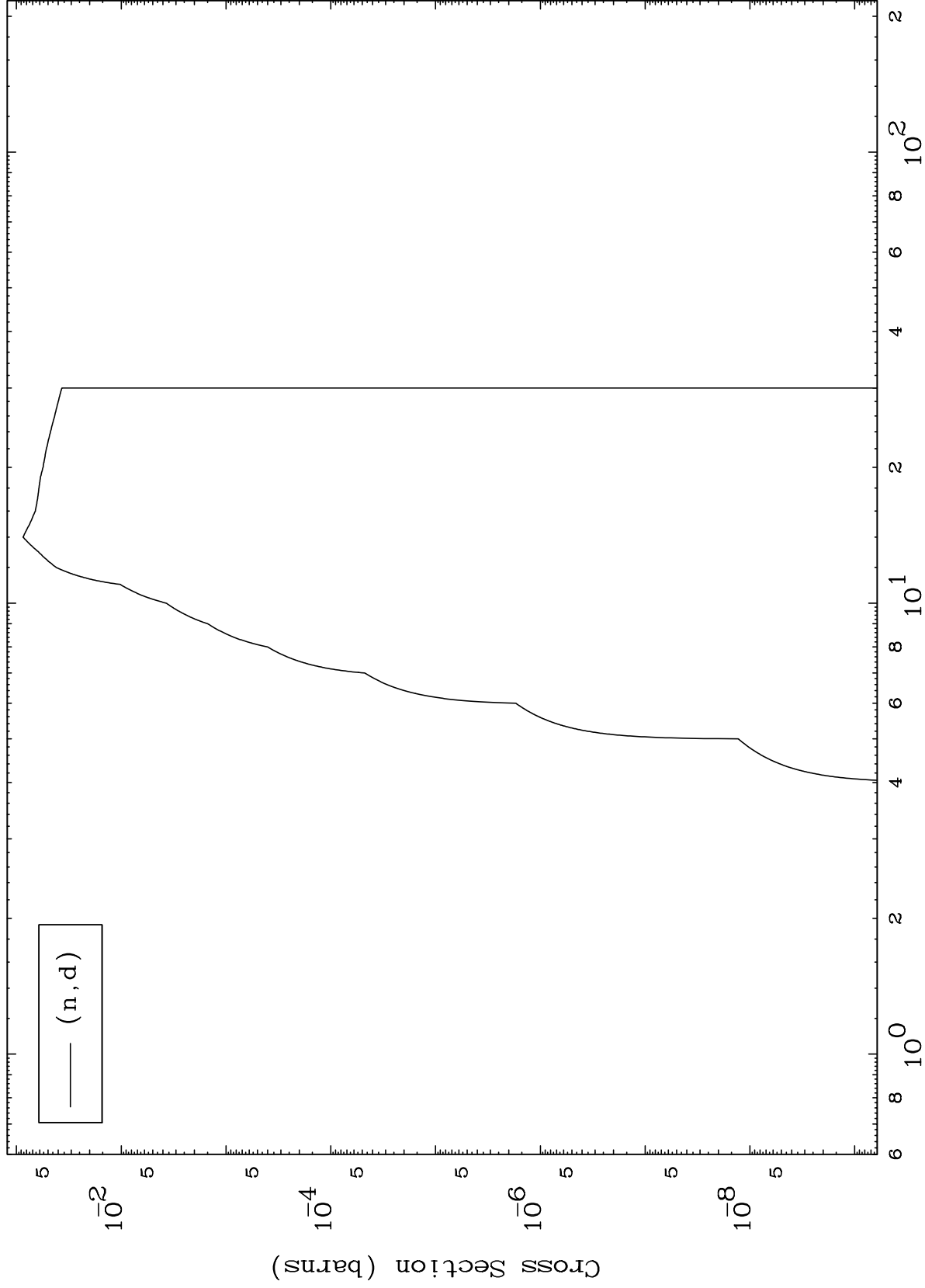


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(d,d) Levels

58-Ce-142

0 Kelvin Cross Sections



(n,d)

8

Incident Energy (MeV)

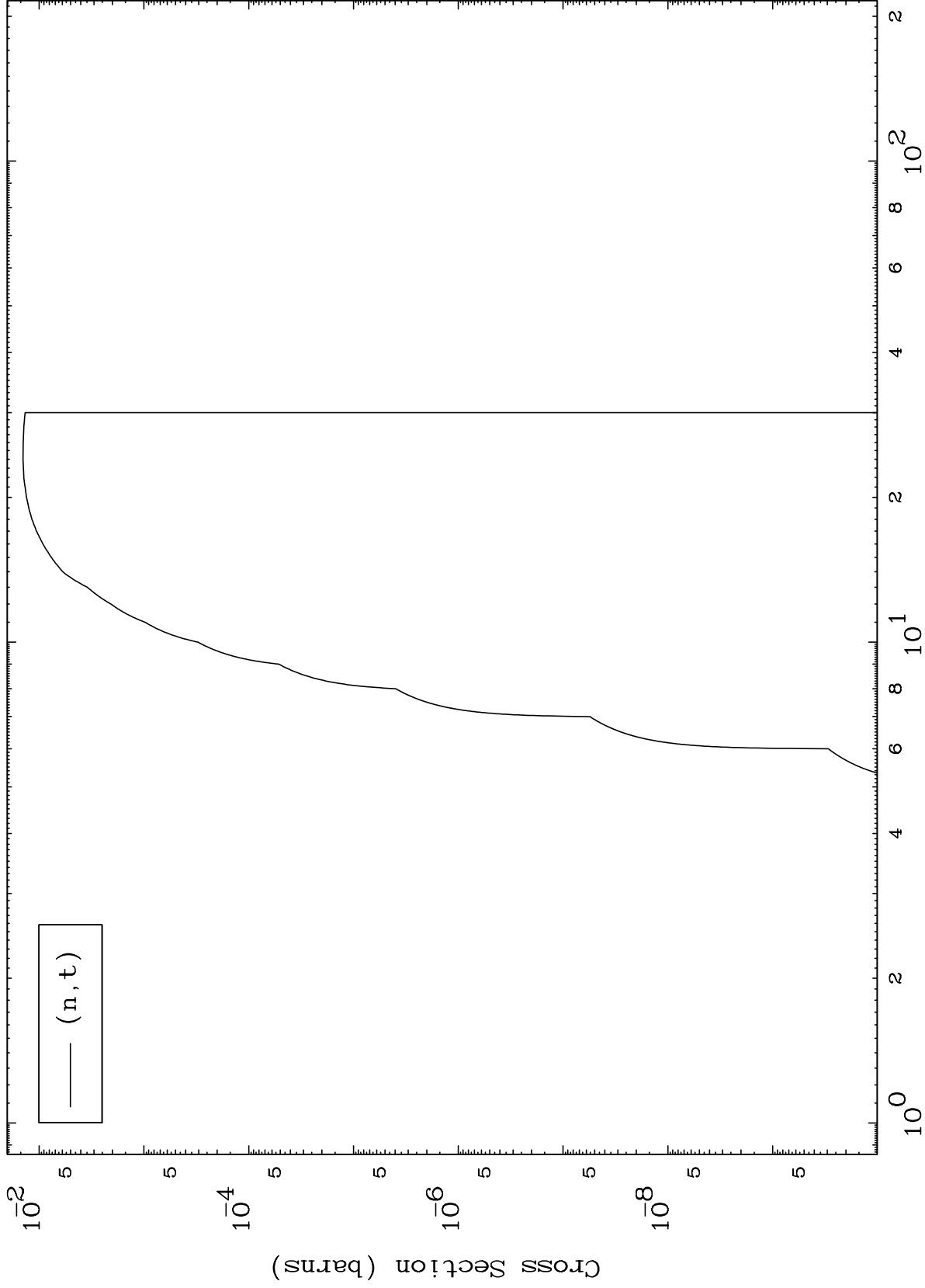
58-Ce-142

MAT 5843

(d,t) Levels

58-Ce-142

0 Kelvin Cross Sections



(n,t)

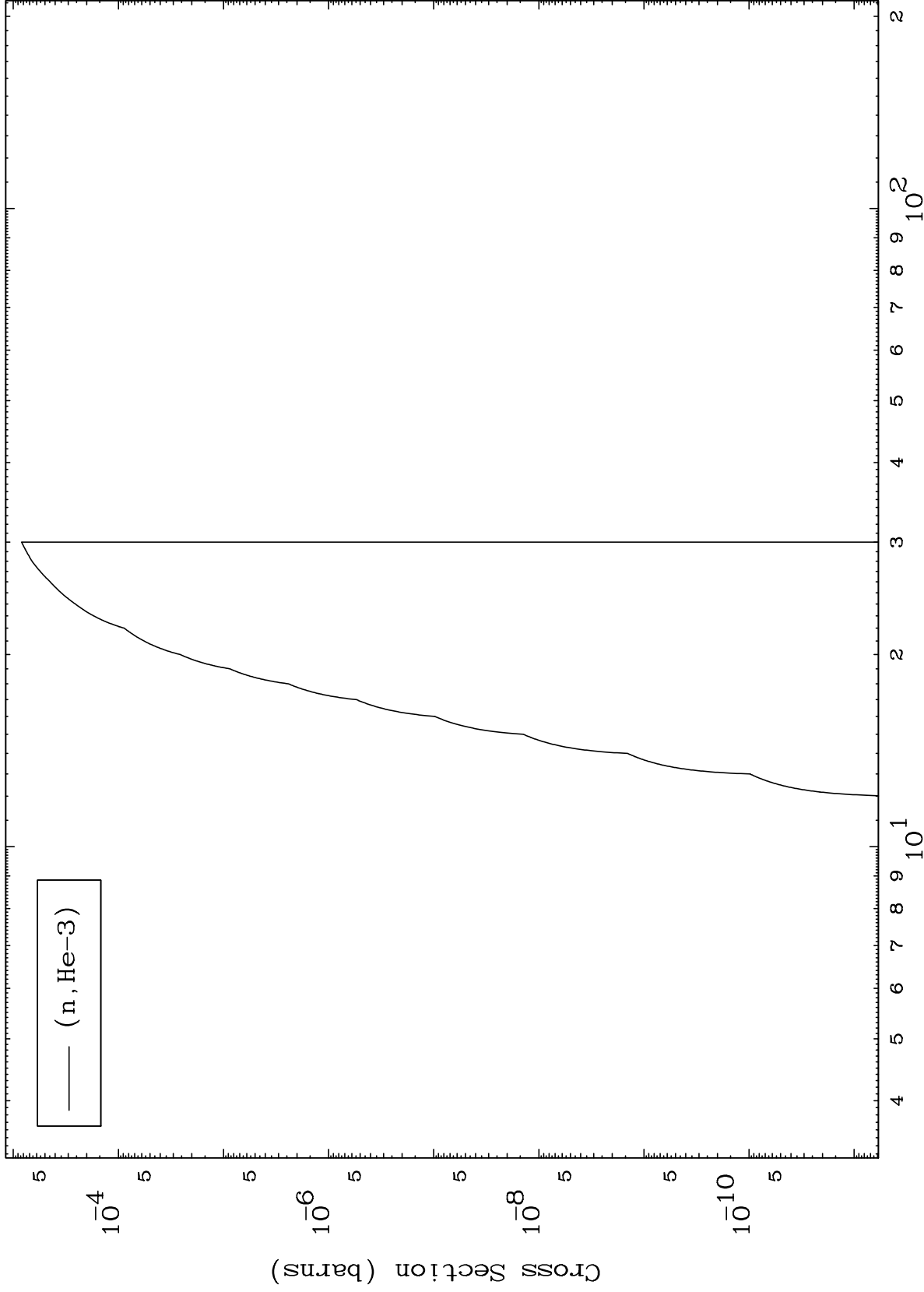
Incident Energy (MeV)

58-Ce-142

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(d,He3) Levels
0 Kelvin Cross Sections

58-Ce-142



10

Incident Energy (MeV)

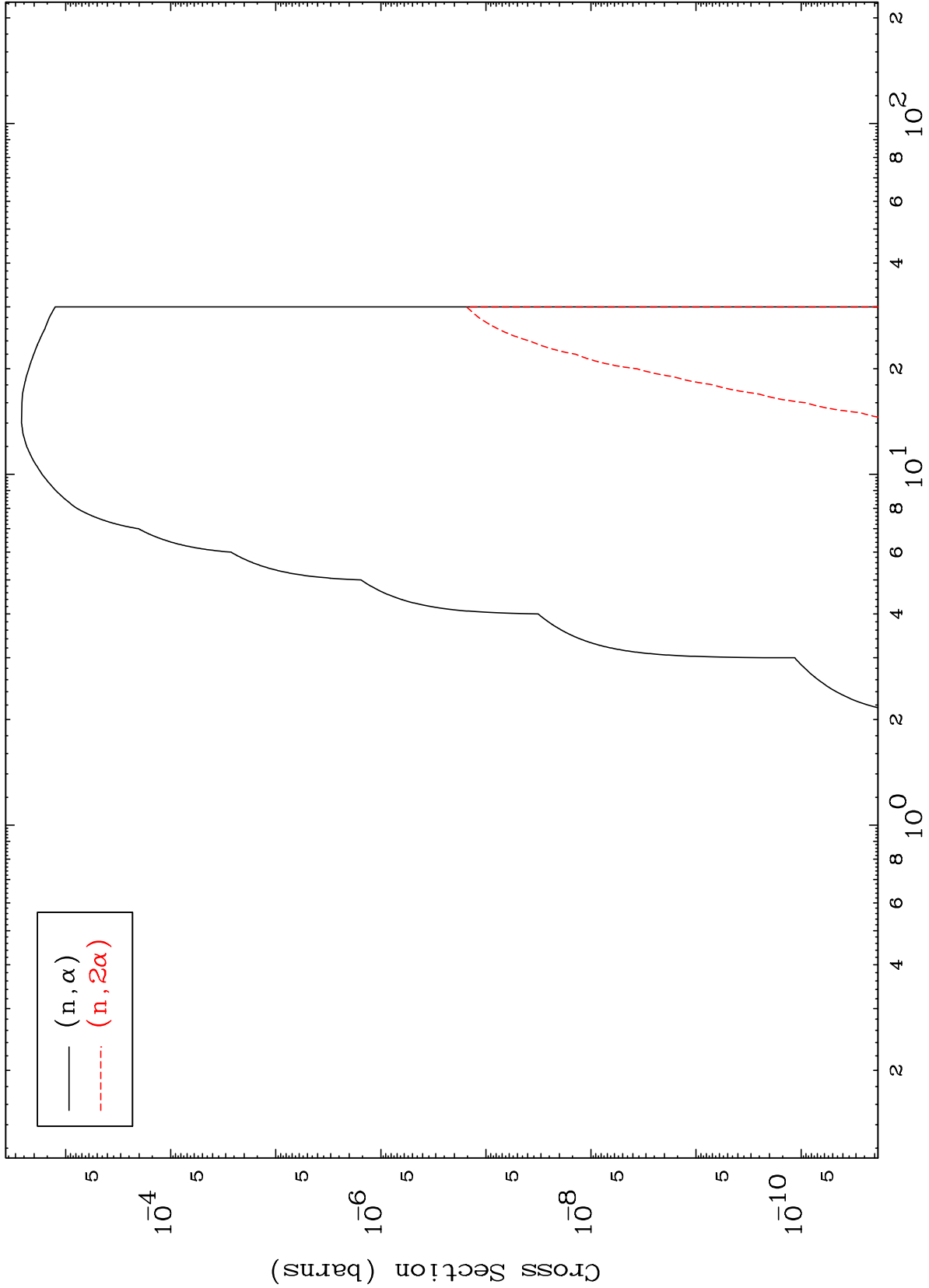
58-Ce-142

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(d, α) Levels

58-Ce-142

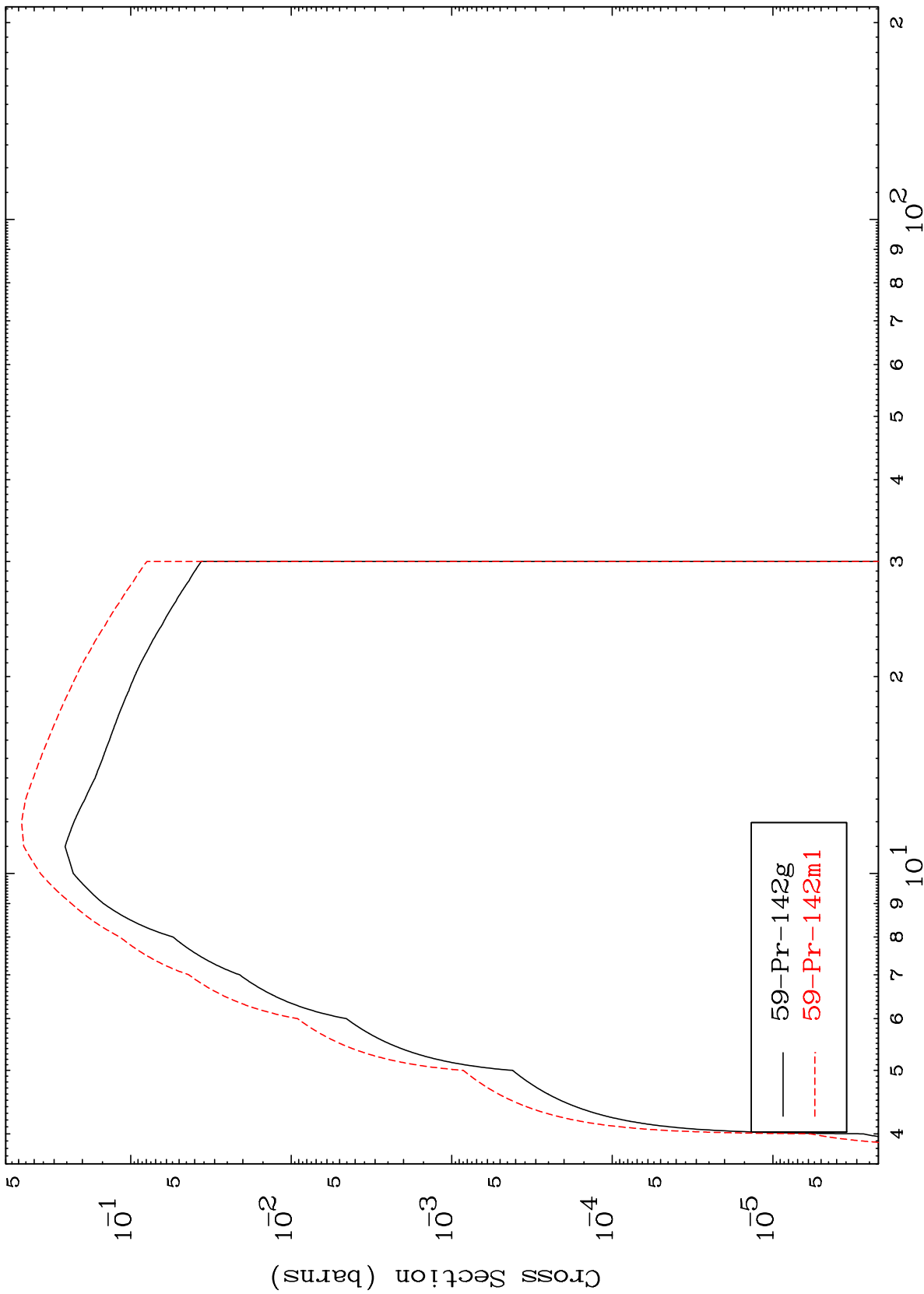
0 Kelvin Cross Sections



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58-Ce-142

(n,2n)
Radionuclide Production Cross Section



58-Ce-142

Incident Energy (MeV)

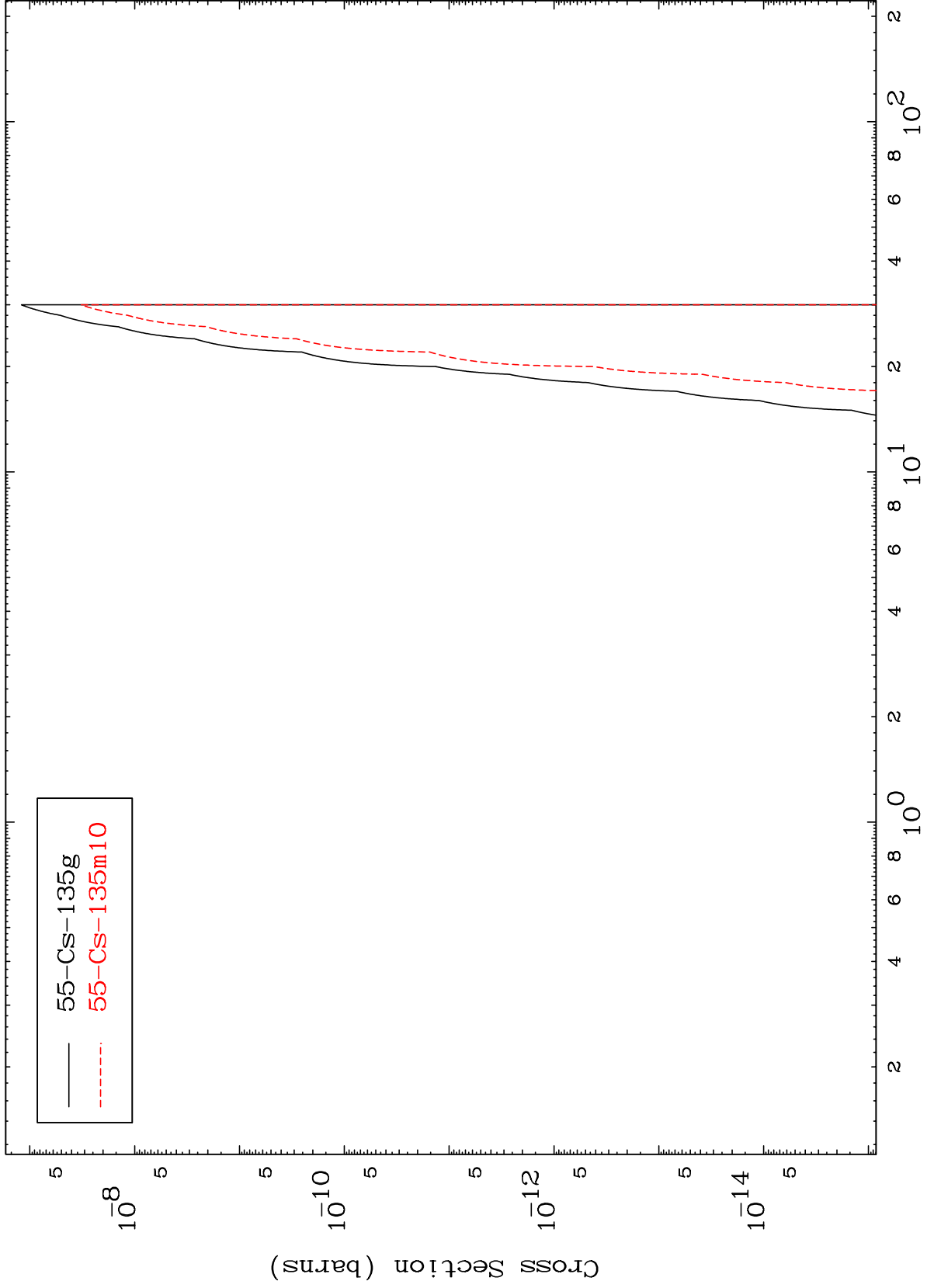
12

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(n,n') 2 α

58-Ce-142

Radionuclide Production Cross Section



13

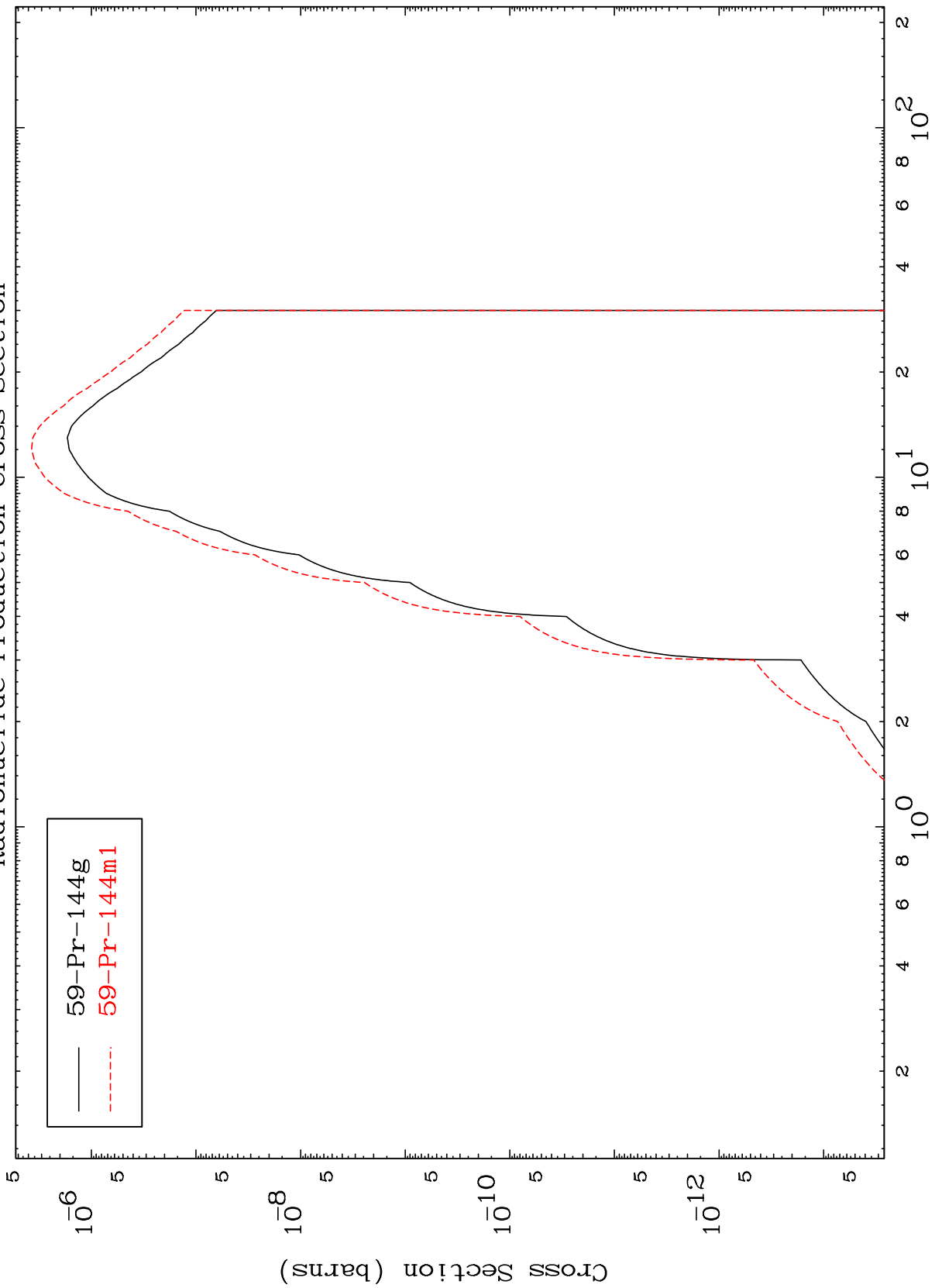
Incident Energy (MeV)

58-Ce-142

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58-Ce-142

(n, γ)
Radionuclide Production Cross Section



— 59-Pr-144g
- - - 59-Pr-144m1

58-Ce-142

Incident Energy (MeV)

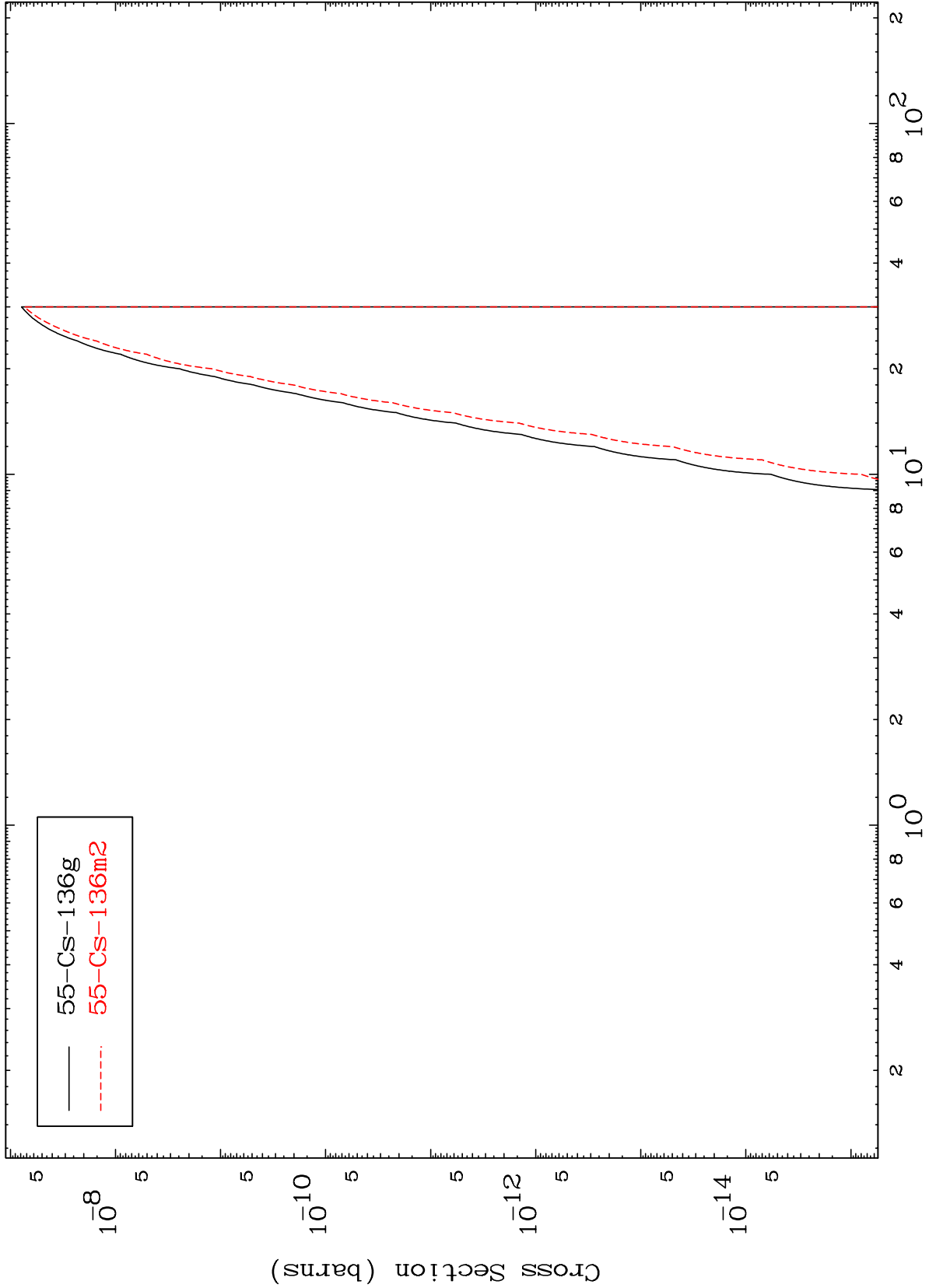
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(n,2α)

58-Ce-142

Radionuclide Production Cross Section



15

Incident Energy (MeV)

58-Ce-142