

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

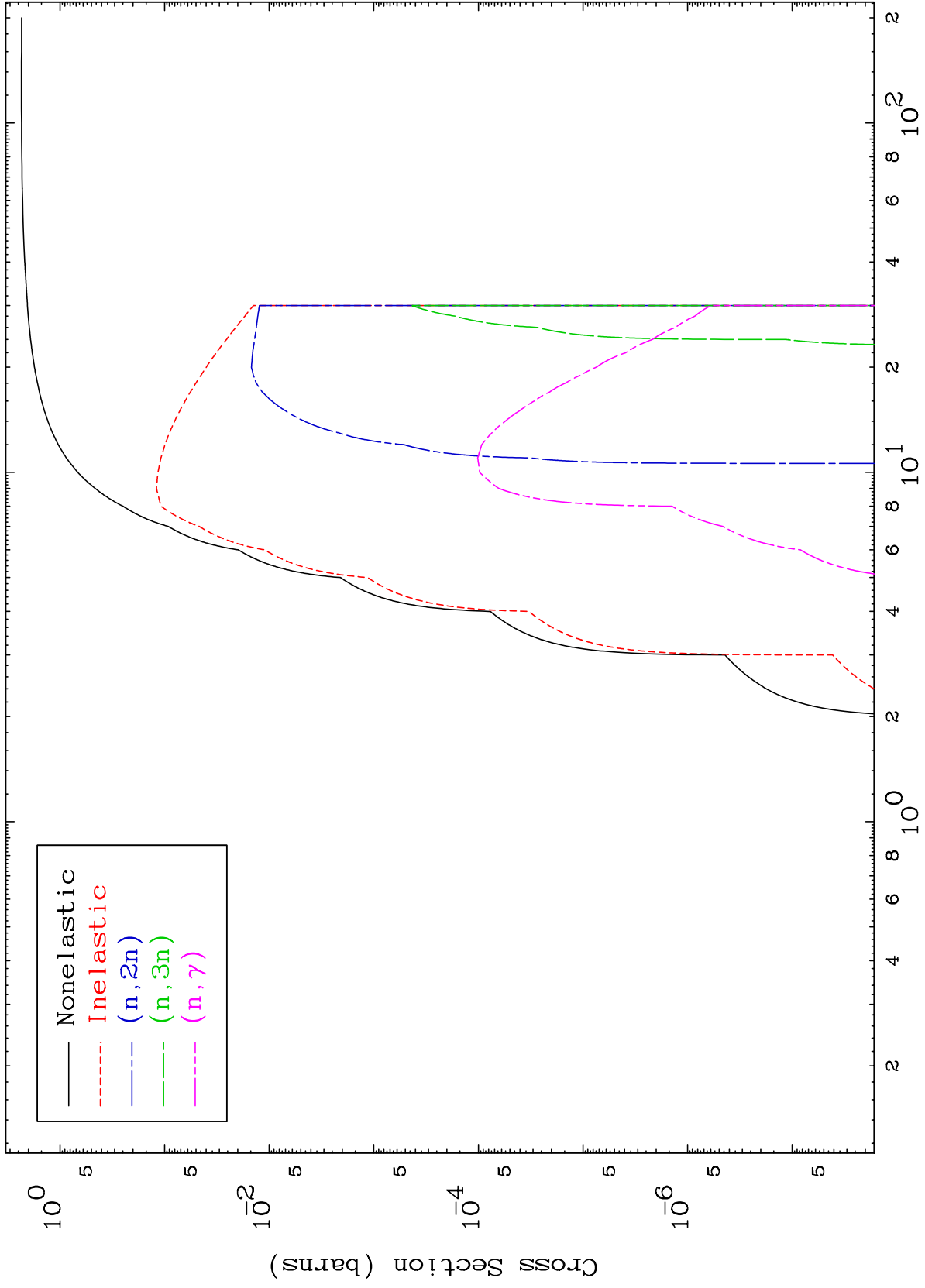
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Web:redcullen1.net/HOMEPAGE.NEW

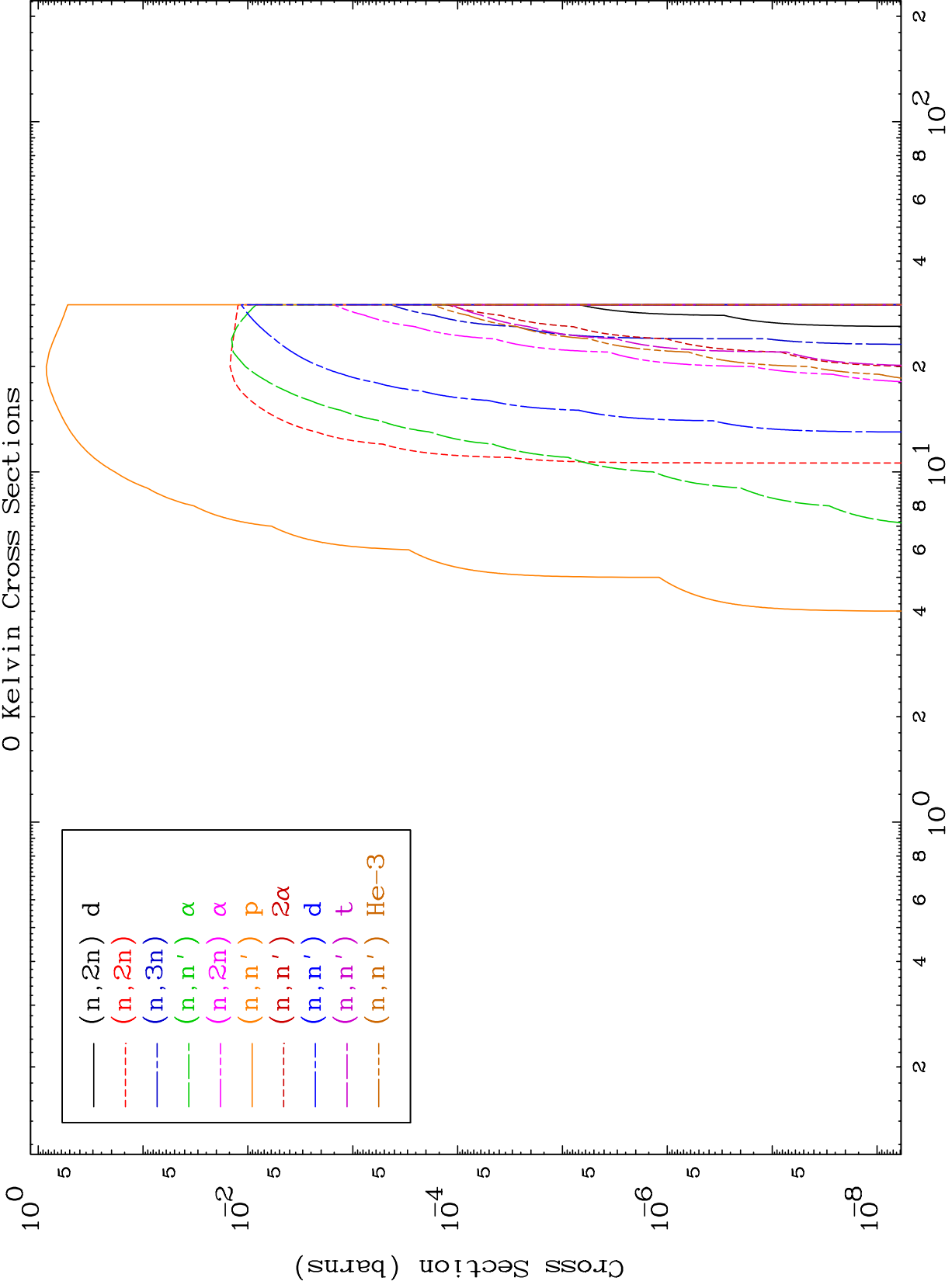
Press Mouse Button to Start



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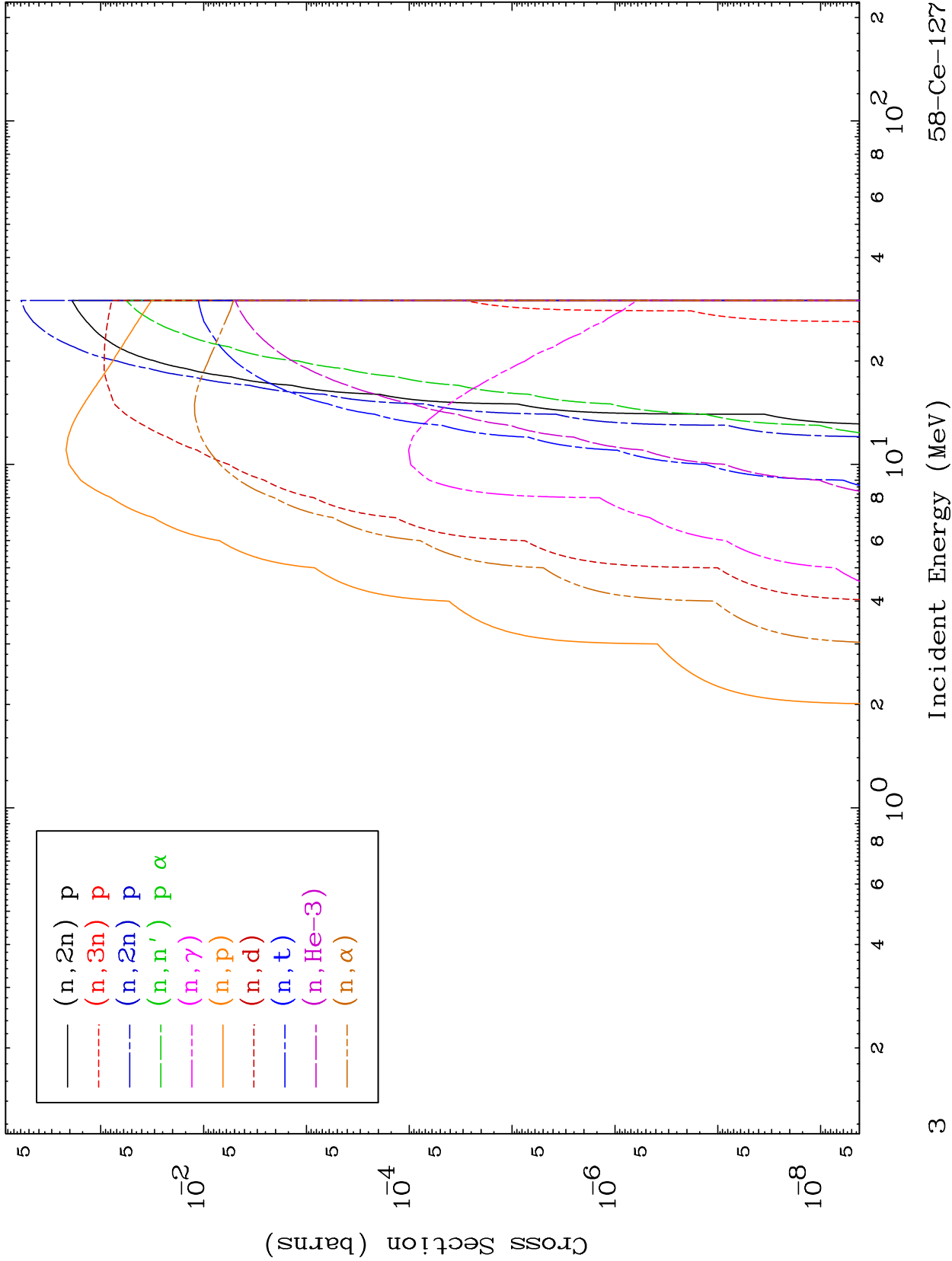
Deuteron Neutron Absorption
0 Kelvin Cross Sections

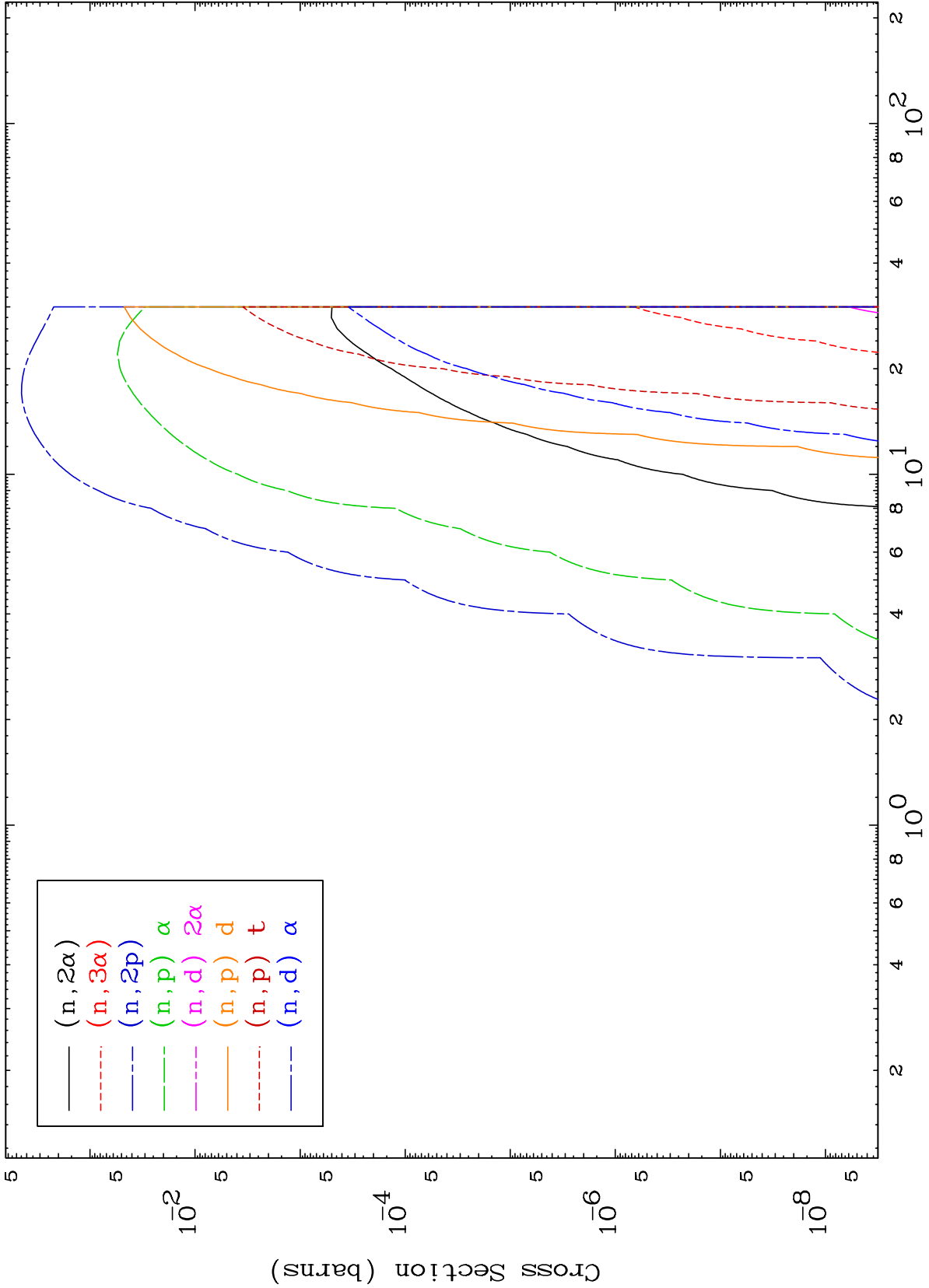
58-Ce-127



58-Ce-127

Incident Energy (MeV)

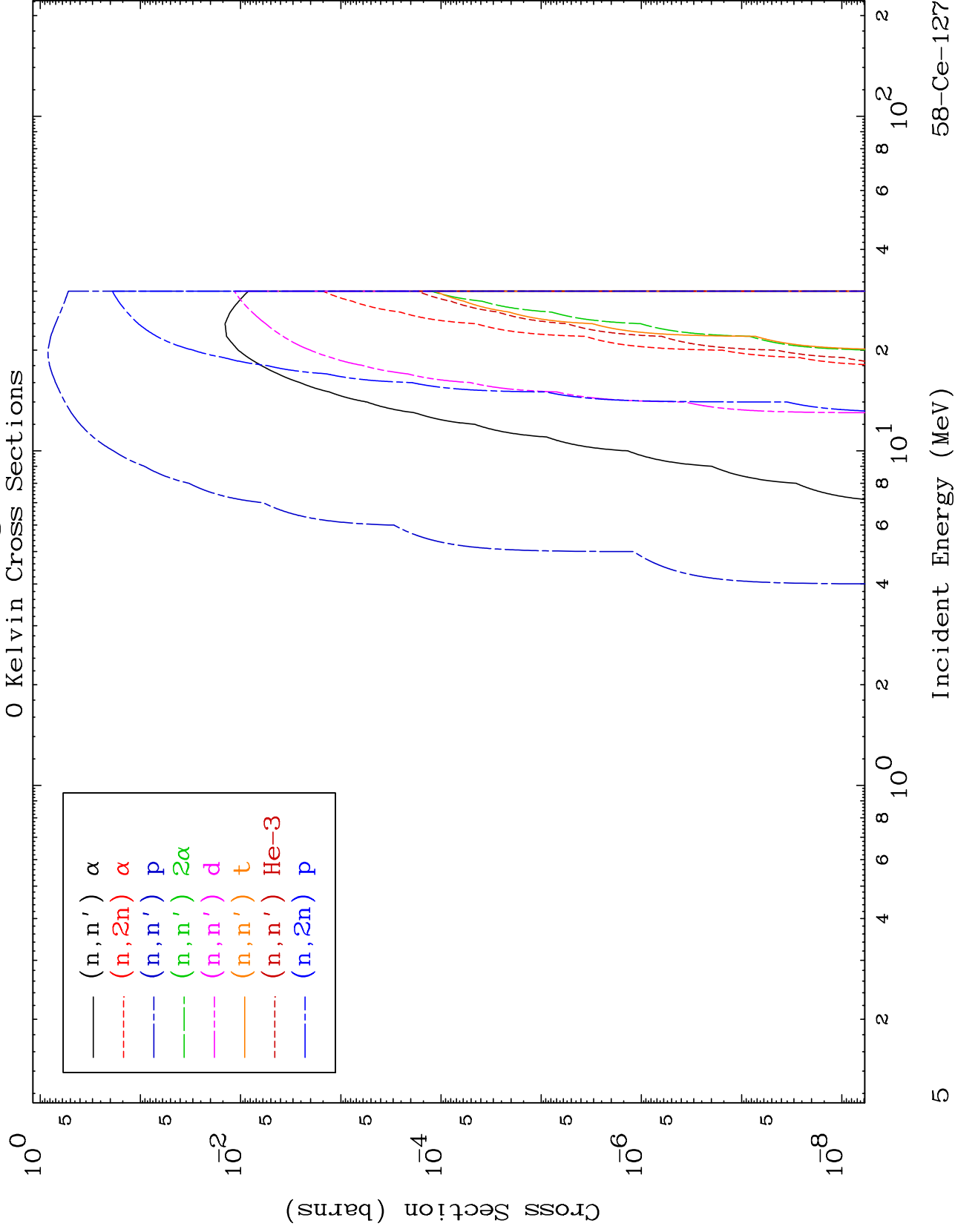




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Deuteron Charged Particle
0 Kelvin Cross Sections

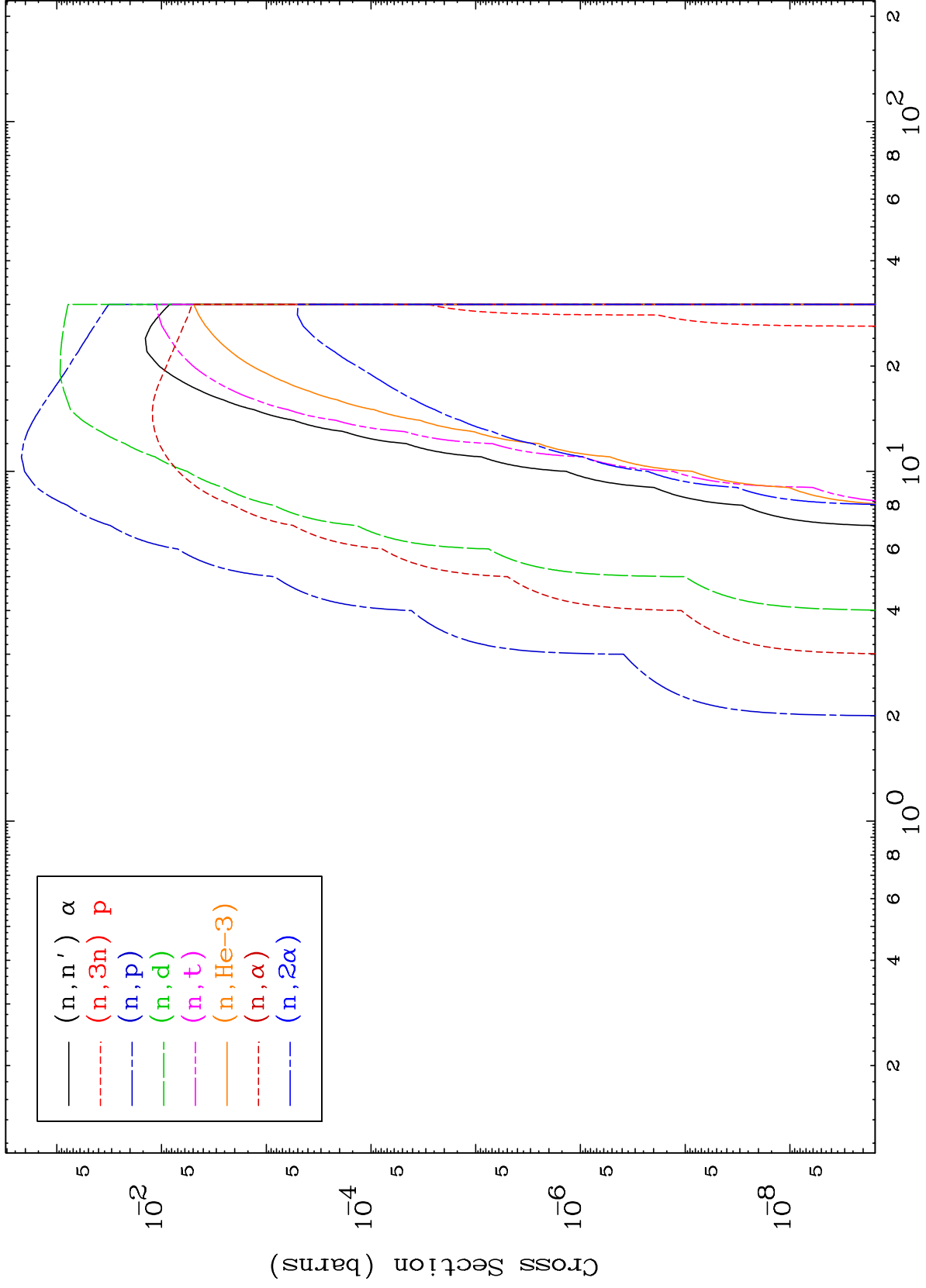
58-Ce-127

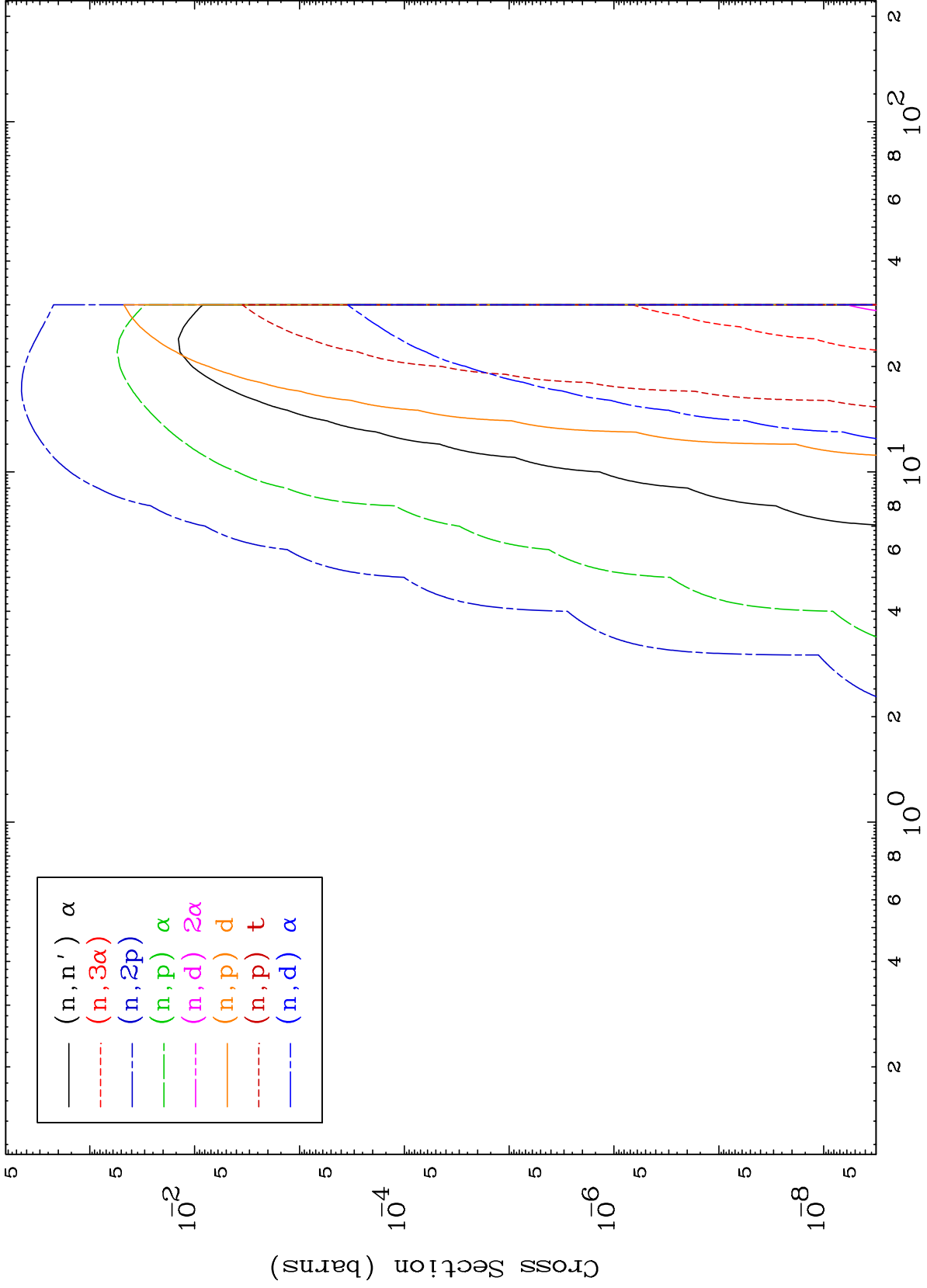


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Incident Energy (MeV)

58-Ce-127



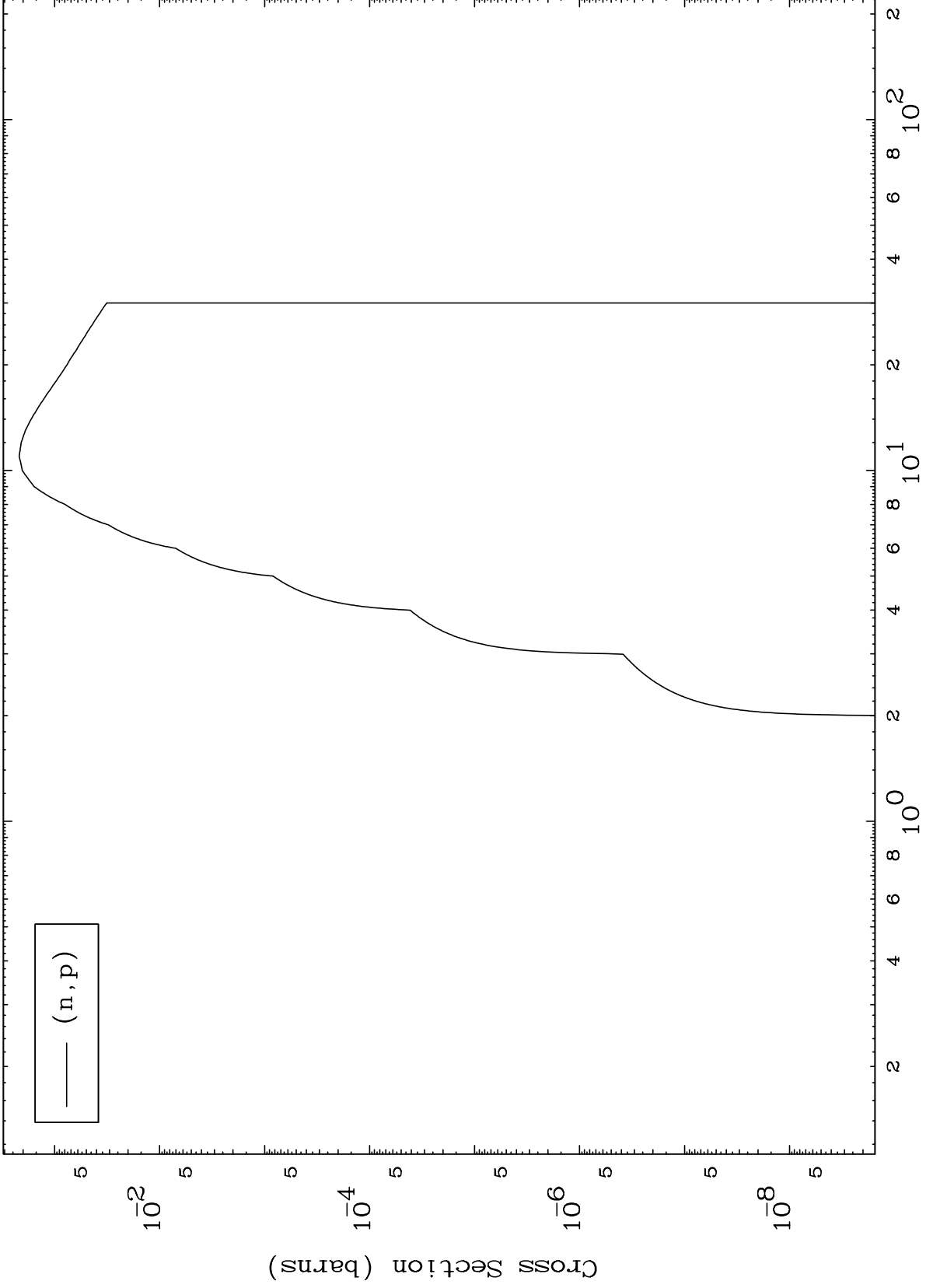


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(d,p) Levels

58-Ce-127

0 Kelvin Cross Sections

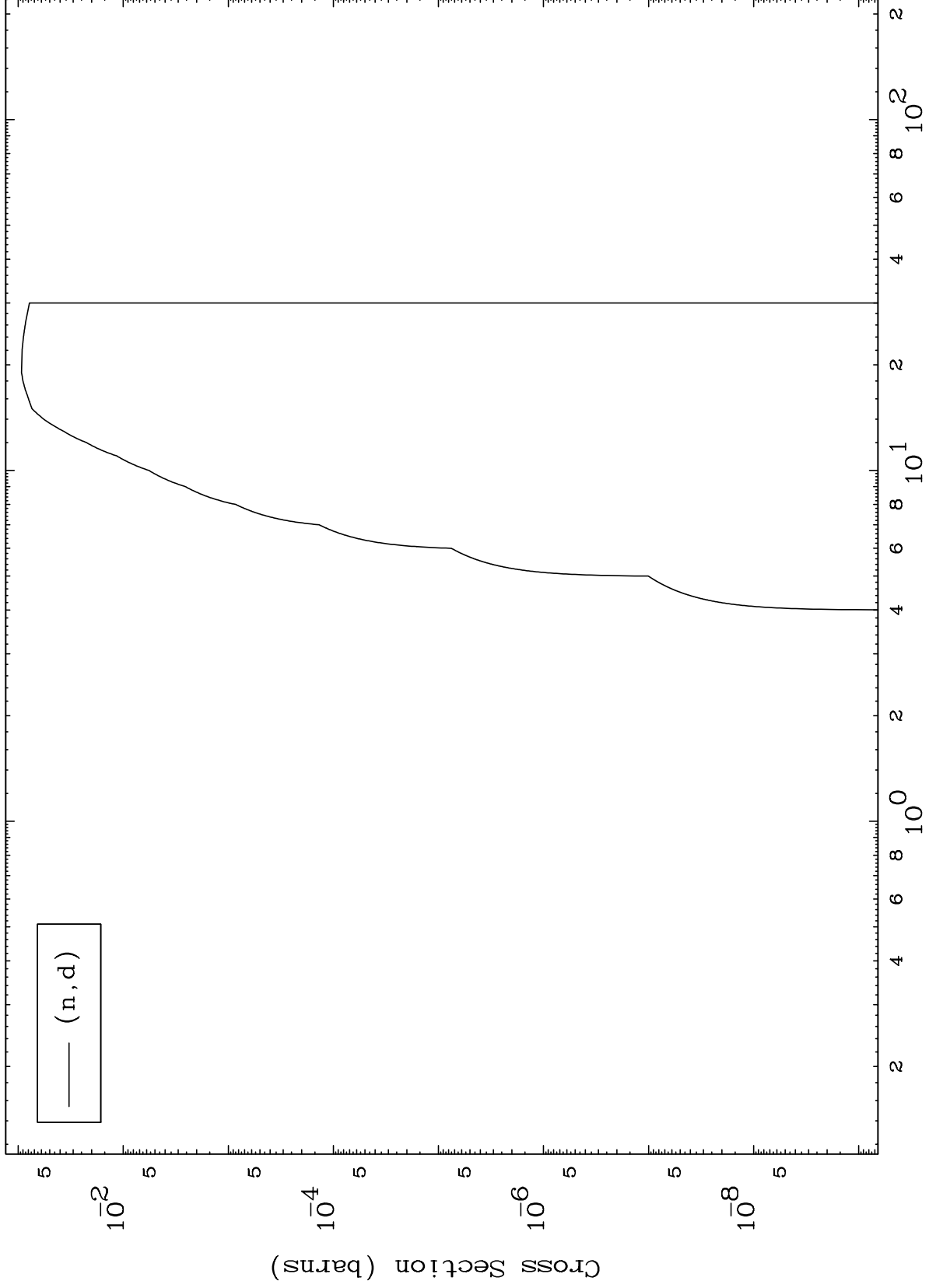


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(d,d) Levels

58-Ce-127

0 Kelvin Cross Sections

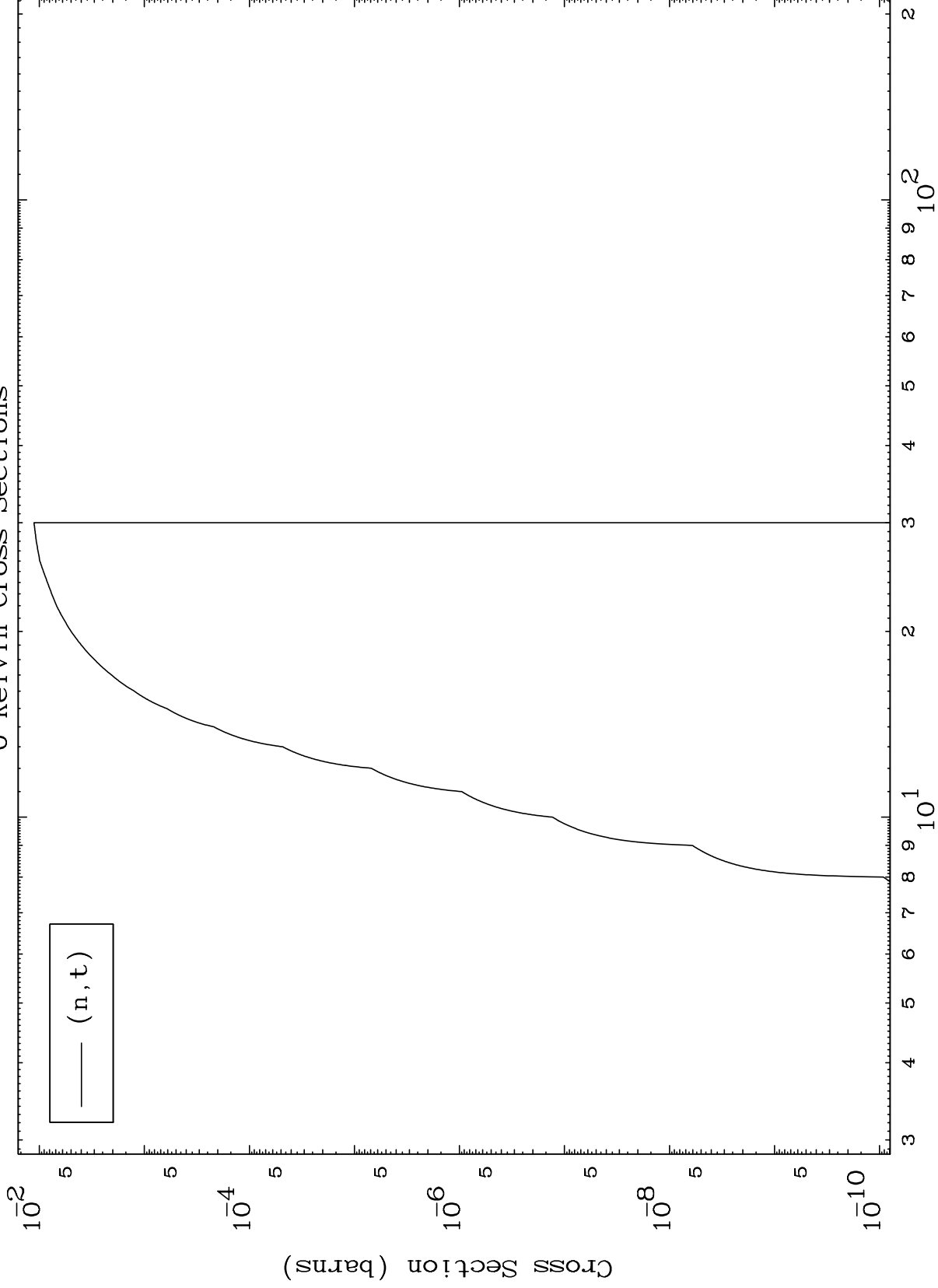


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(d,t) Levels

58-Ce-127

0 Kelvin Cross Sections



Incident Energy (MeV)

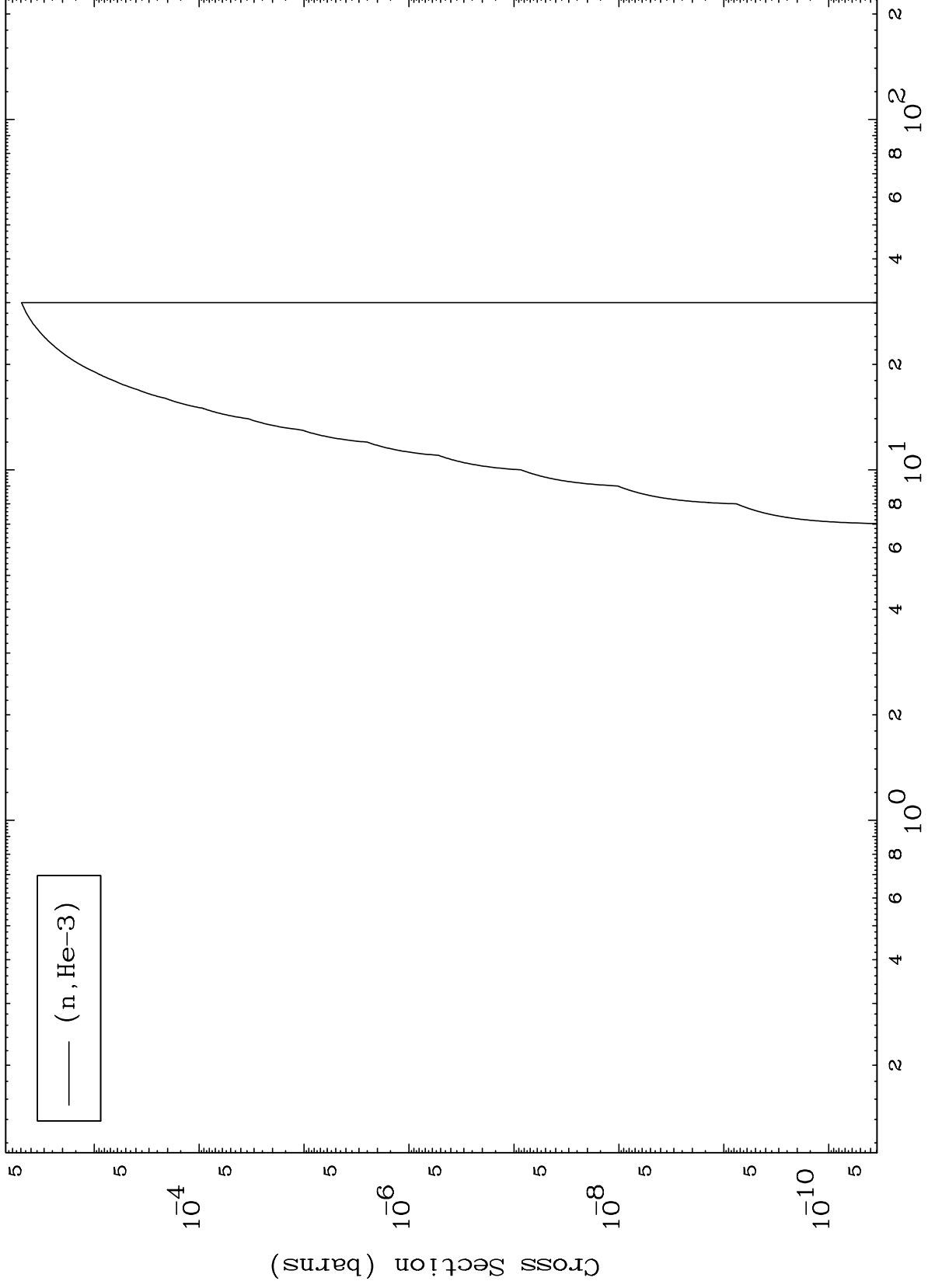
58-Ce-127

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(d,He3) Levels

58-Ce-127

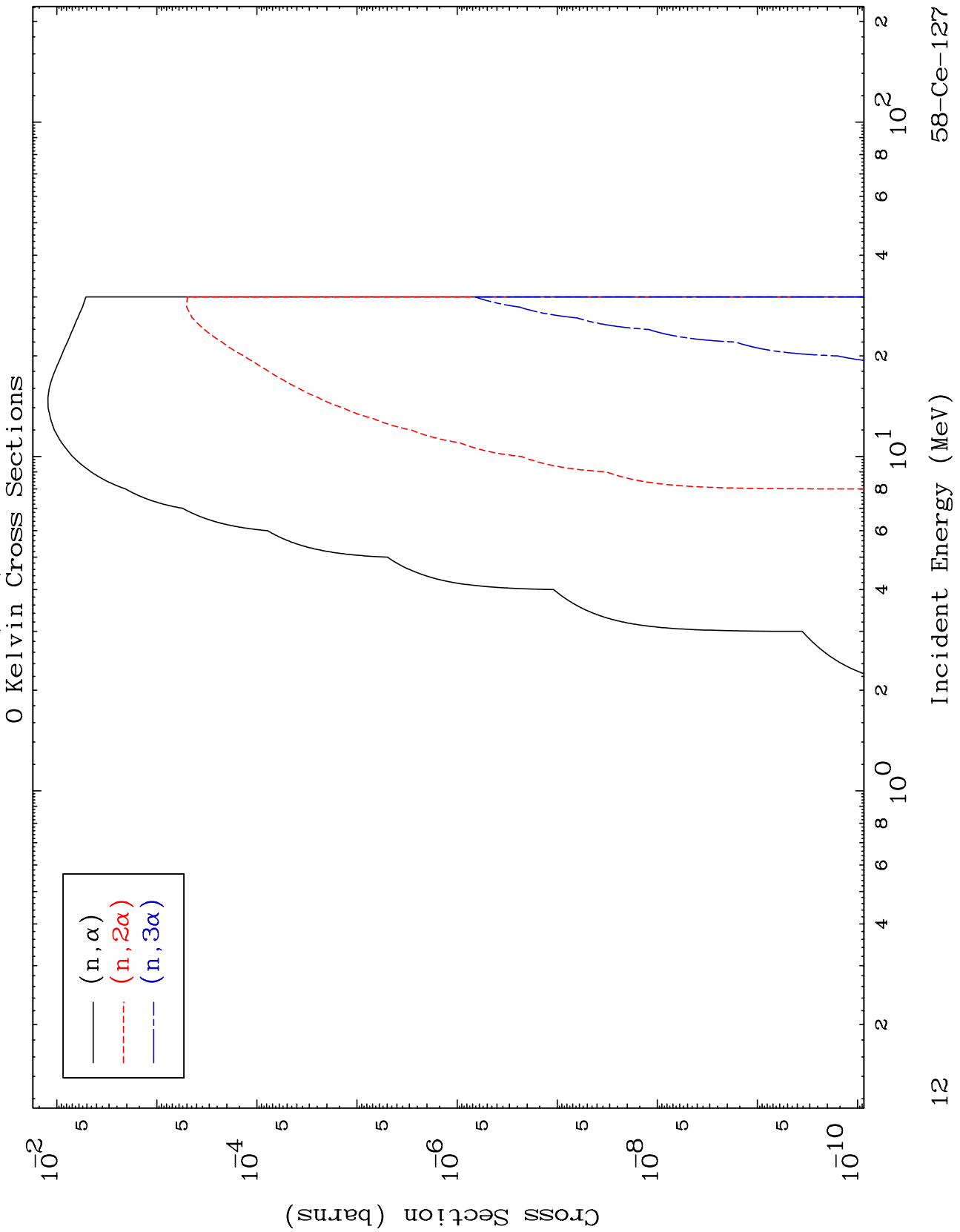
0 Kelvin Cross Sections



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(d, α) Levels

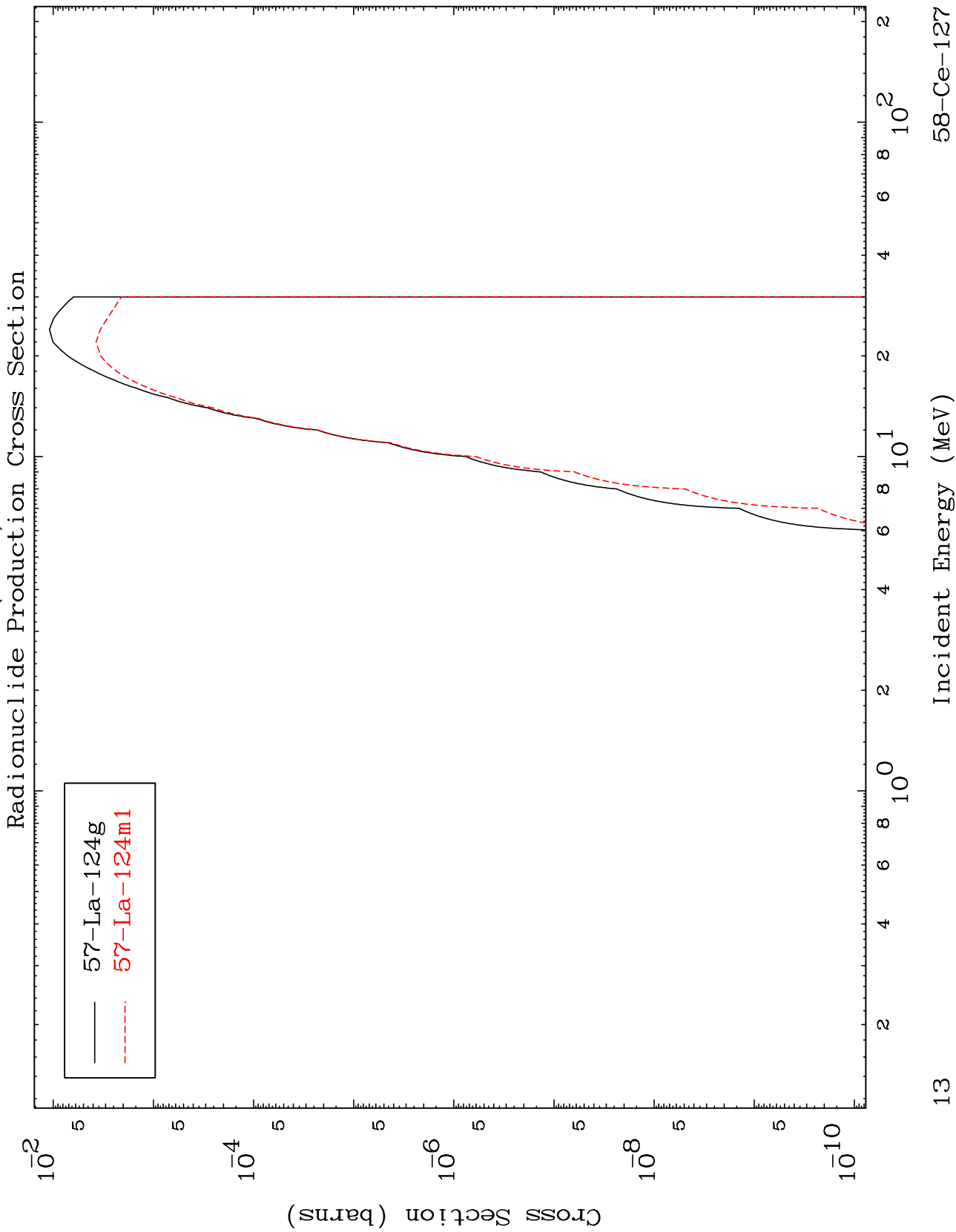
58-Ce-127



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$(n, n') \alpha$

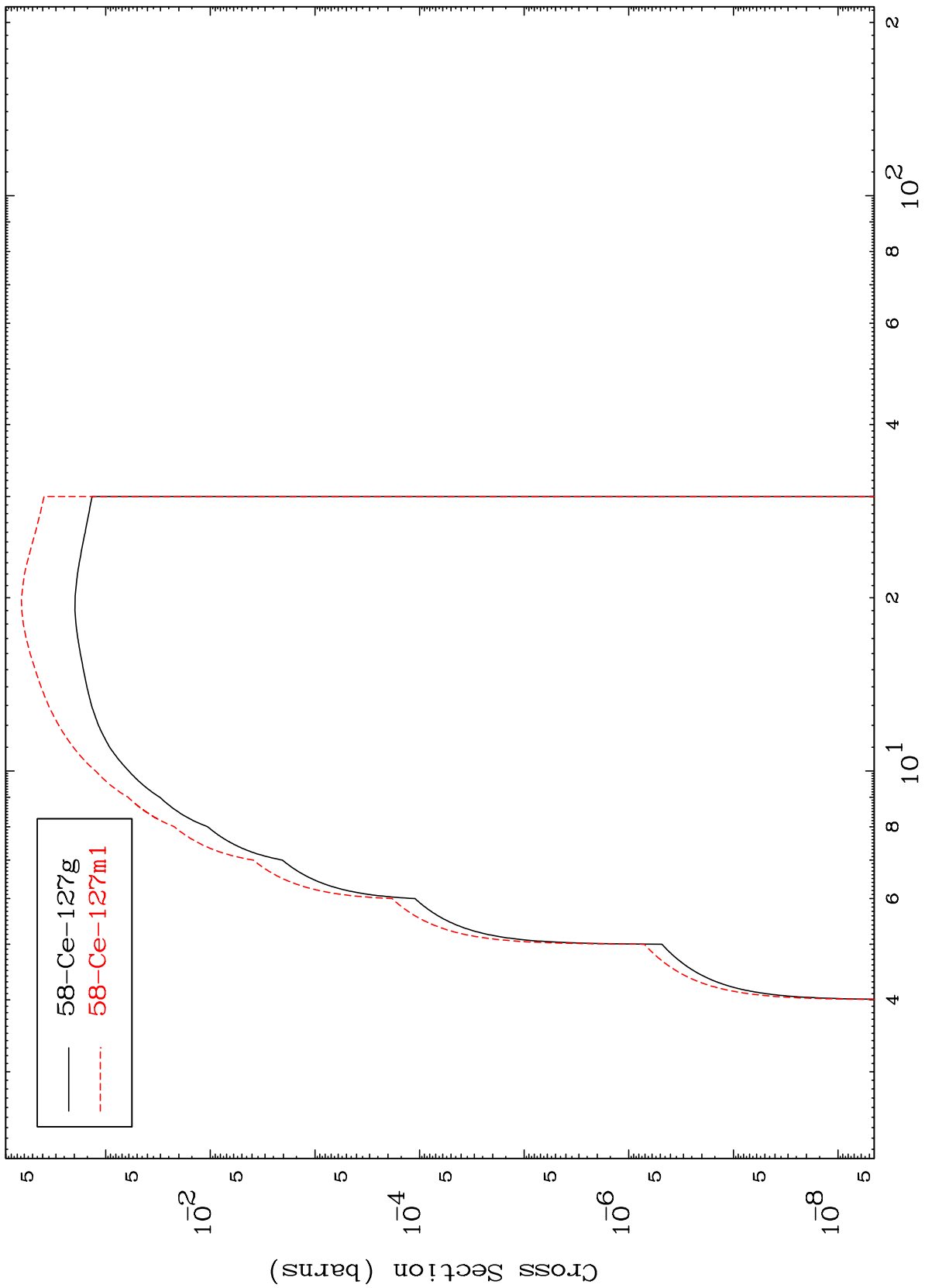
58-Ce-127



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58-Ce-127

(n,n') p
Radionuclide Production Cross Section



58-Ce-127

Incident Energy (MeV)

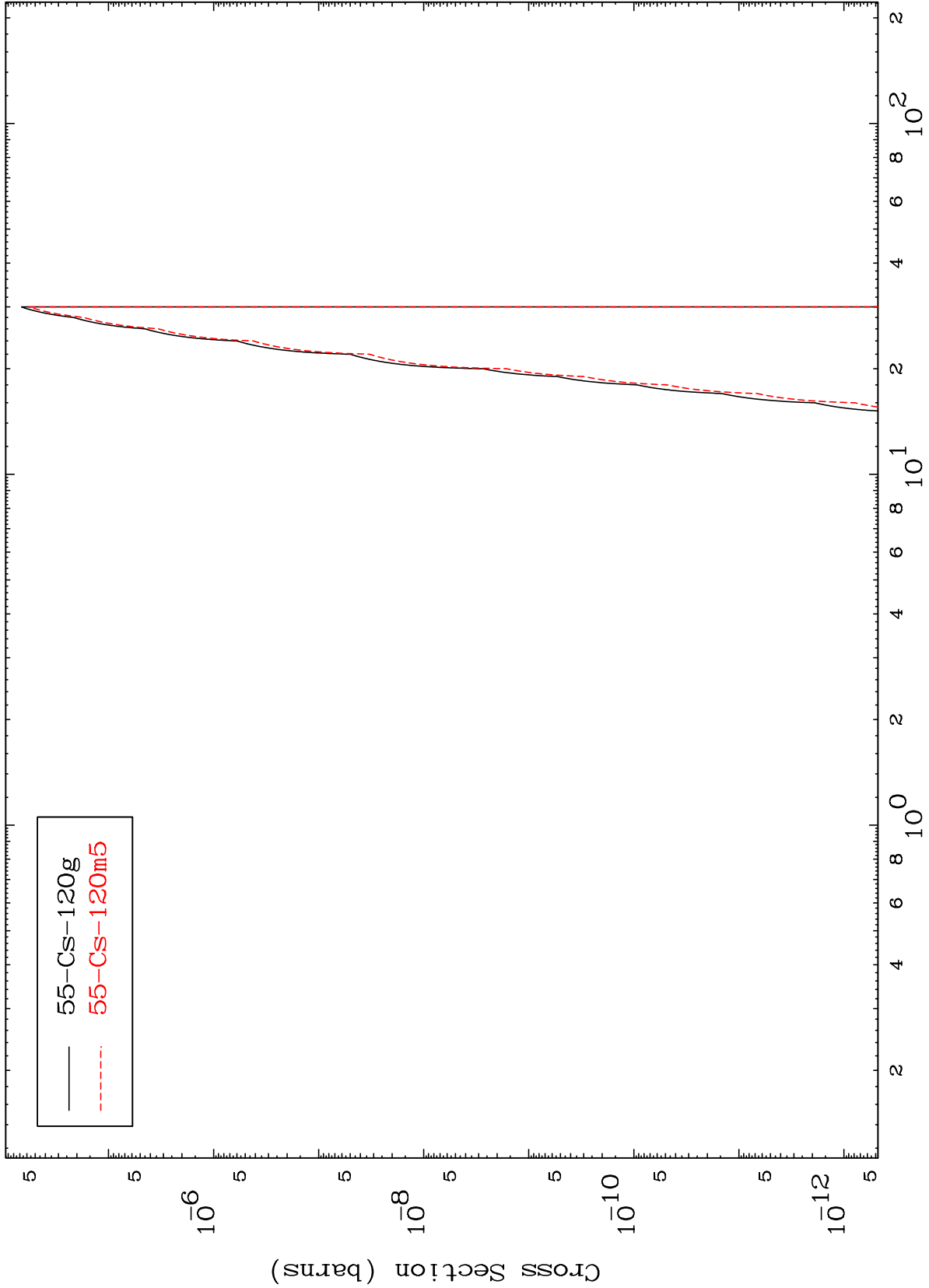
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(n,n') 2α

58-Ce-127

Radionuclide Production Cross Section



55-Cs-120g
55-Cs-120m5

15

Incident Energy (MeV)

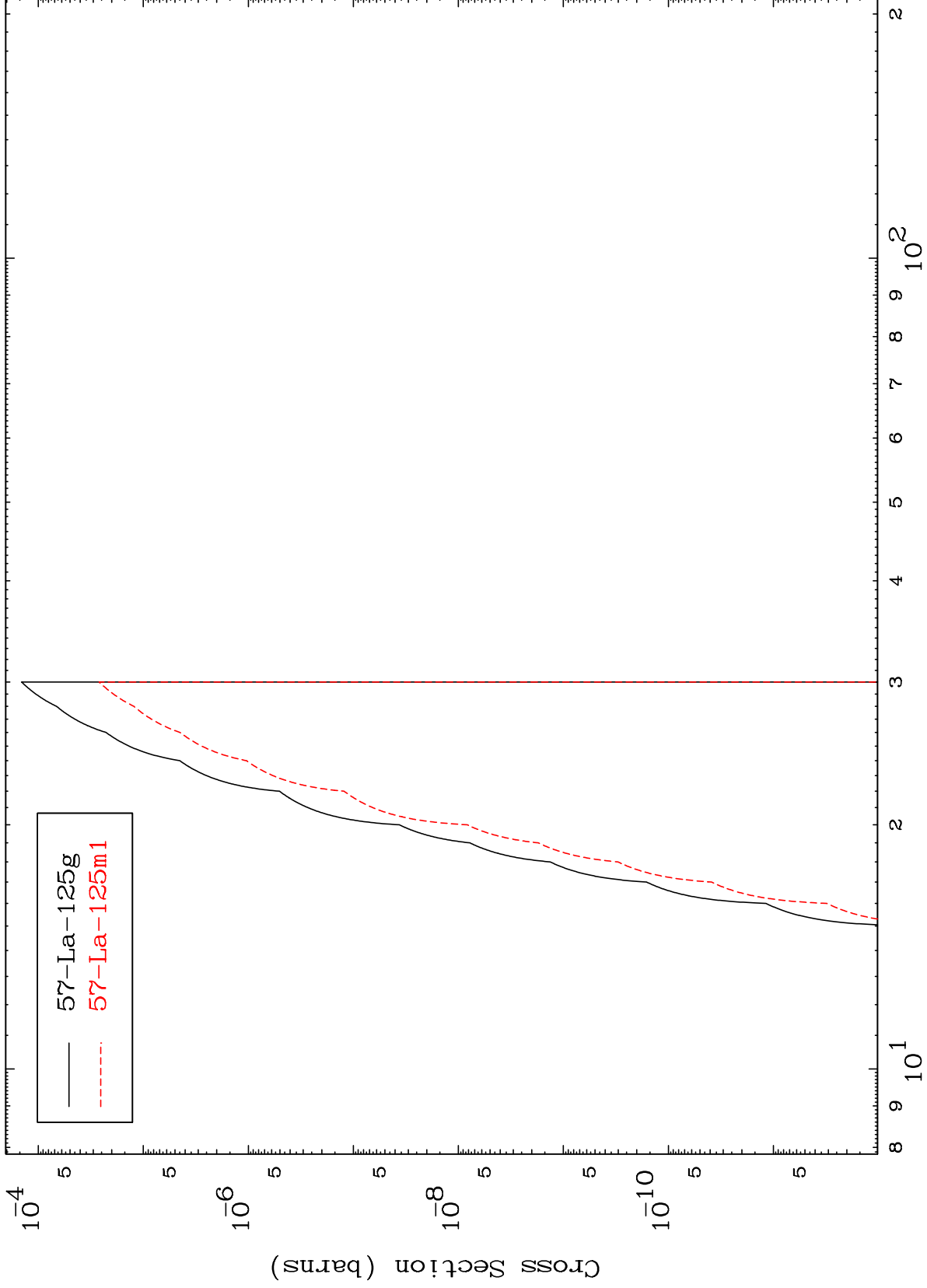
58-Ce-127

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(n,n') He-3

58-Ce-127

Radionuclide Production Cross Section



16

Incident Energy (MeV)

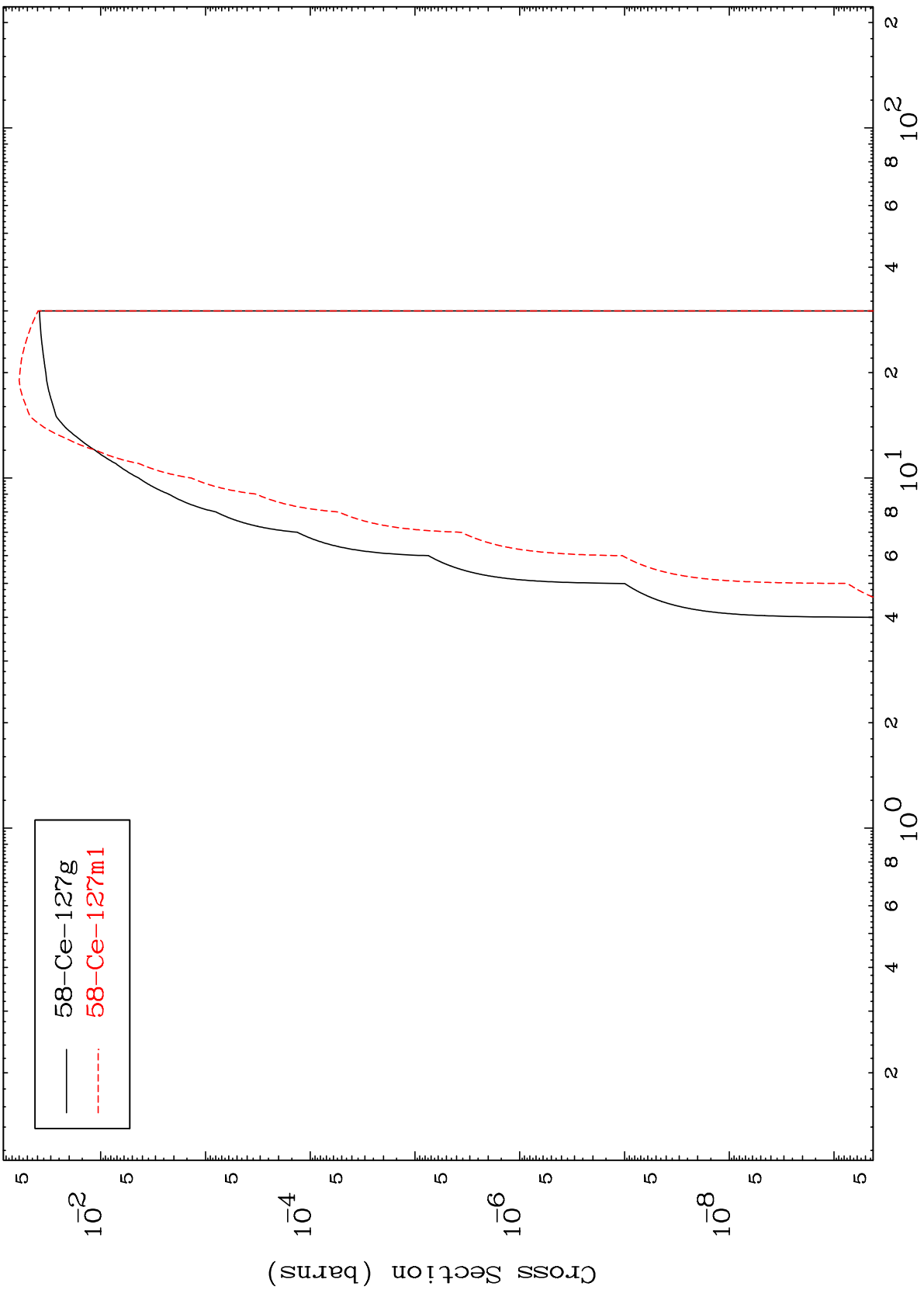
58-Ce-127

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(n,d)

58-Ce-127

Radionuclide Production Cross Section



58-Ce-127g
58-Ce-127m1

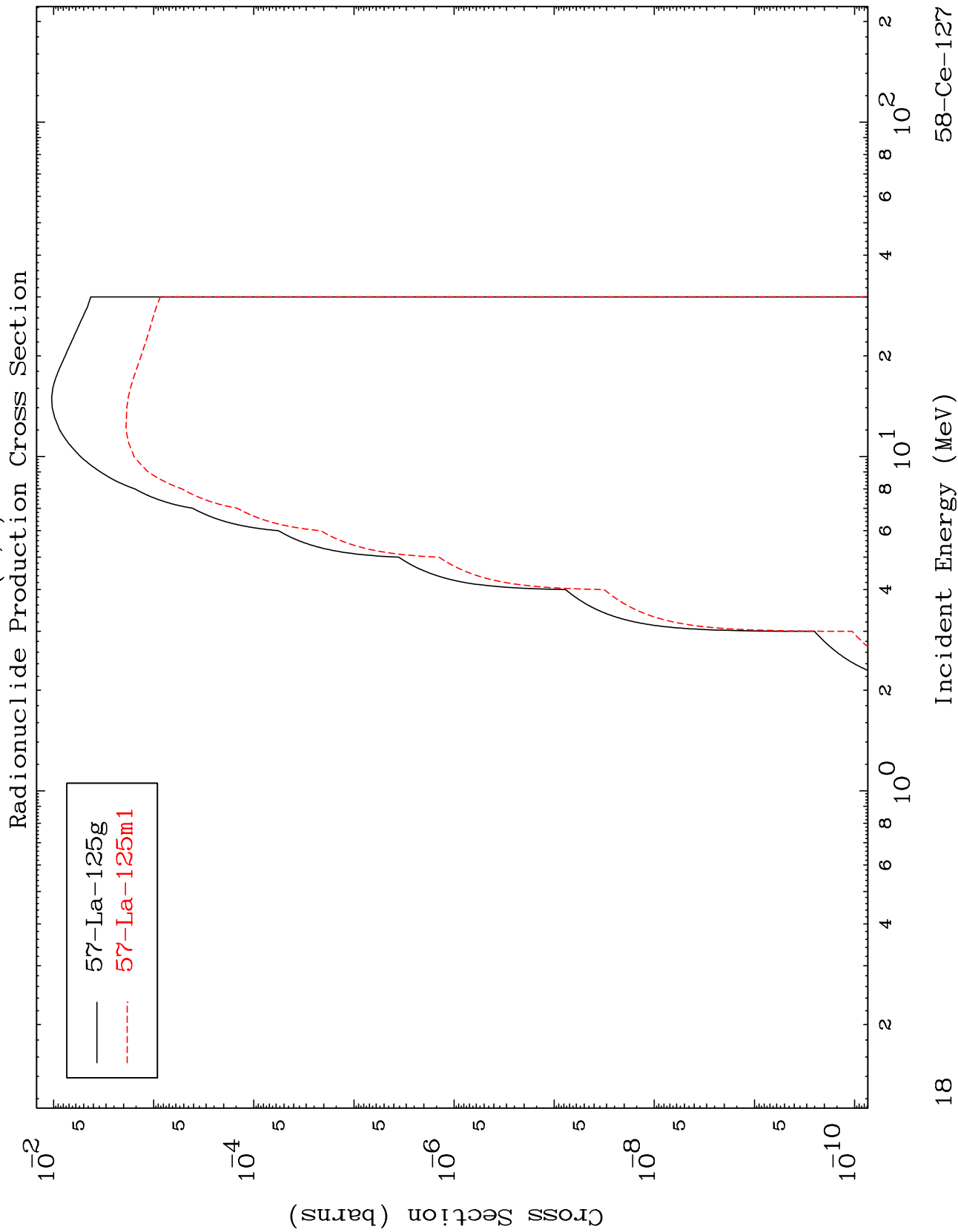
Incident Energy (MeV)

58-Ce-127

17

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58-Ce-127

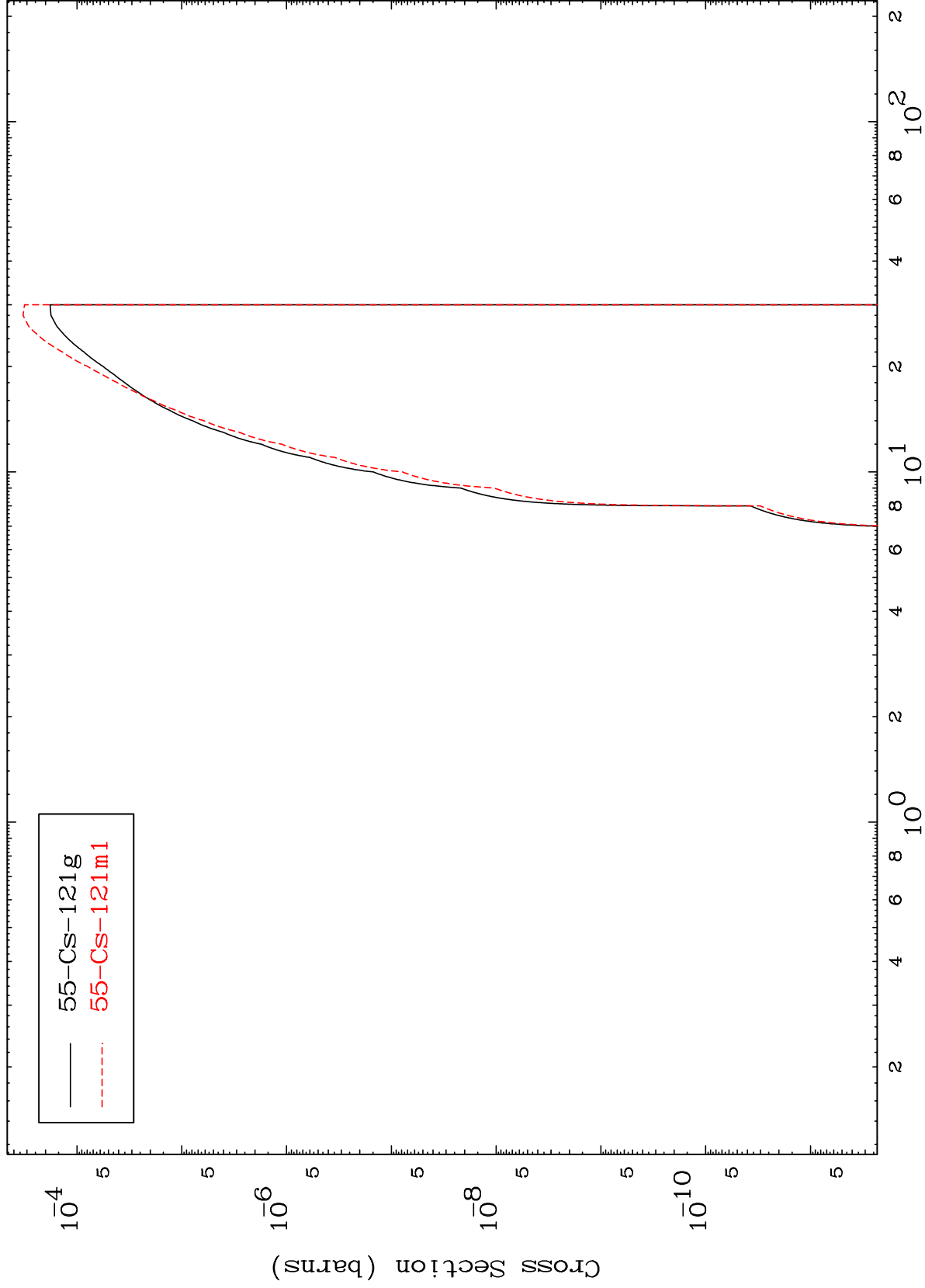


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(n,2α)

58-Ce-127

Radionuclide Production Cross Section



19

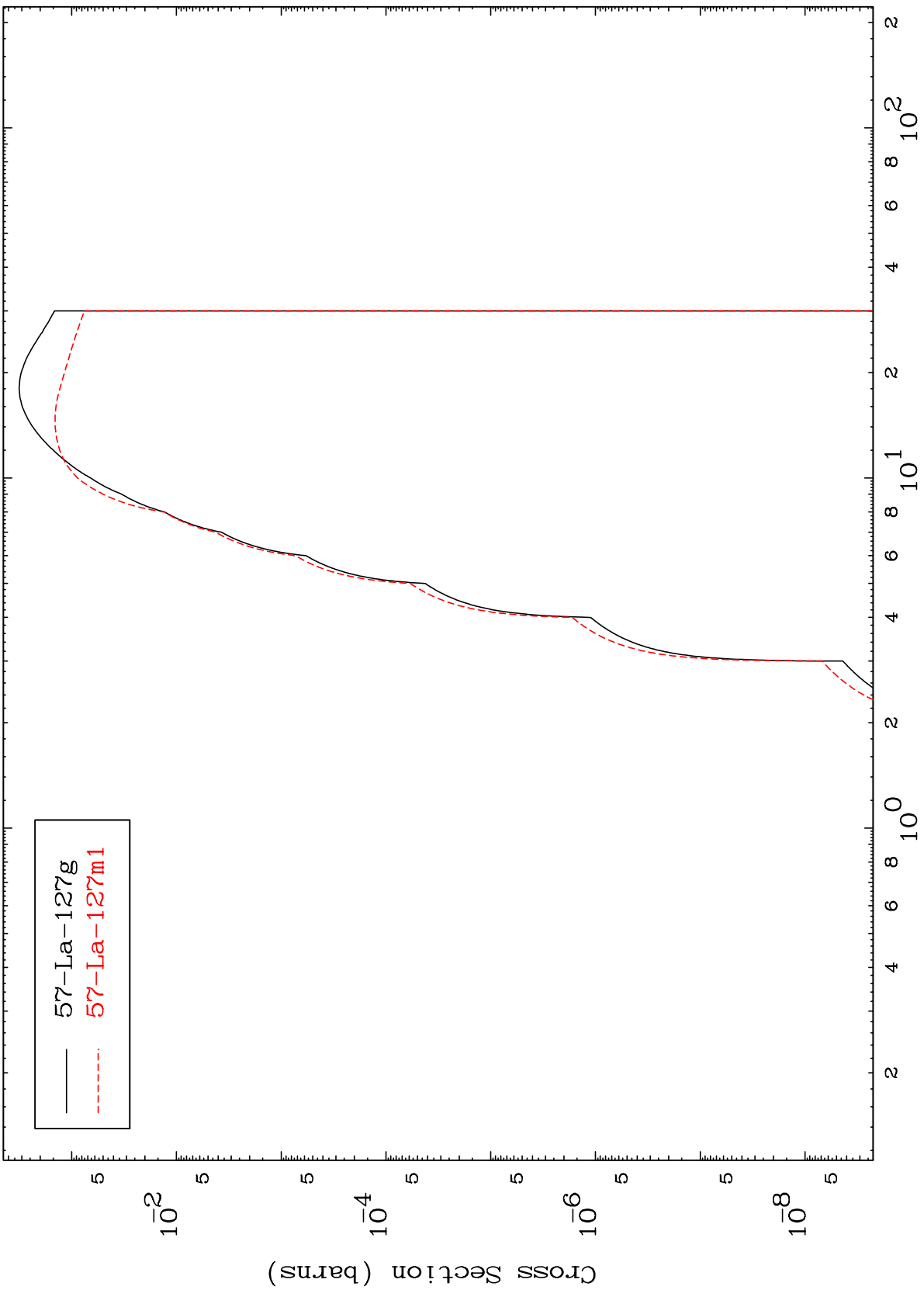
Incident Energy (MeV)

58-Ce-127

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58-Ce-127

(n,2p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

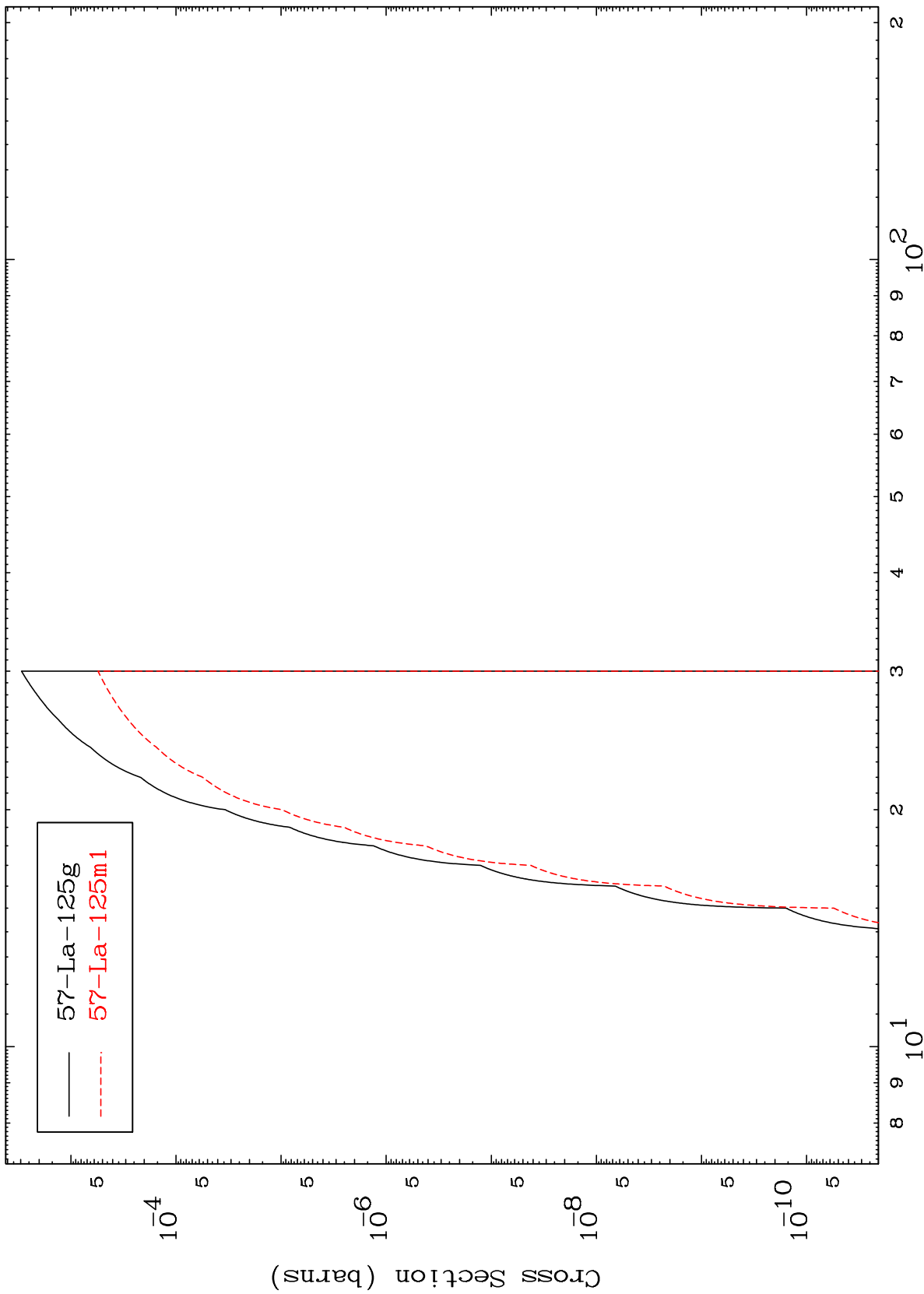
58-Ce-127

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(n,p) t

58-Ce-127

Radionuclide Production Cross Section



21

Incident Energy (MeV)

58-Ce-127