

Program EVALPLOT
(Version 2021-1)

by

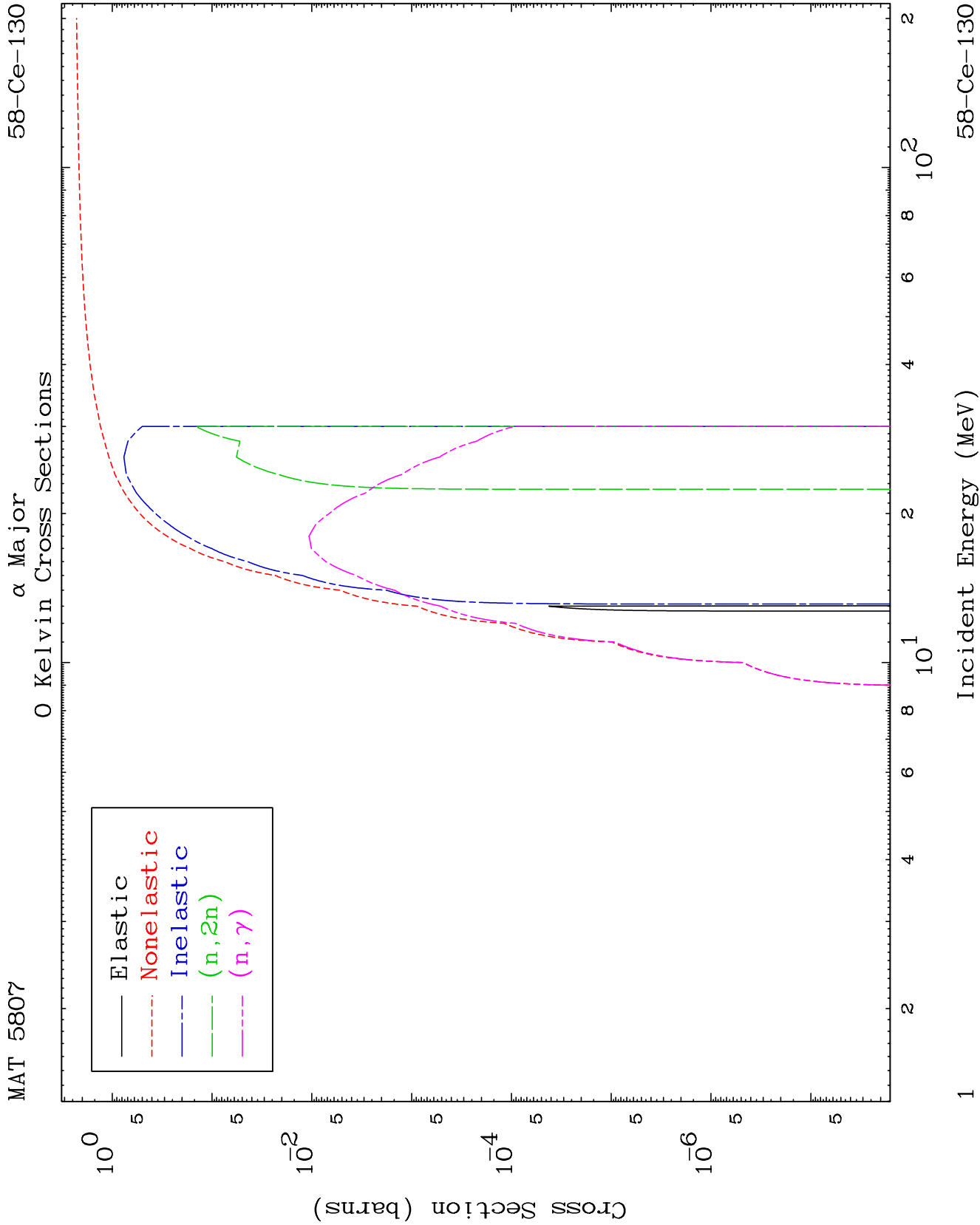
Dermott E. Cullen
(Present Contact Information)

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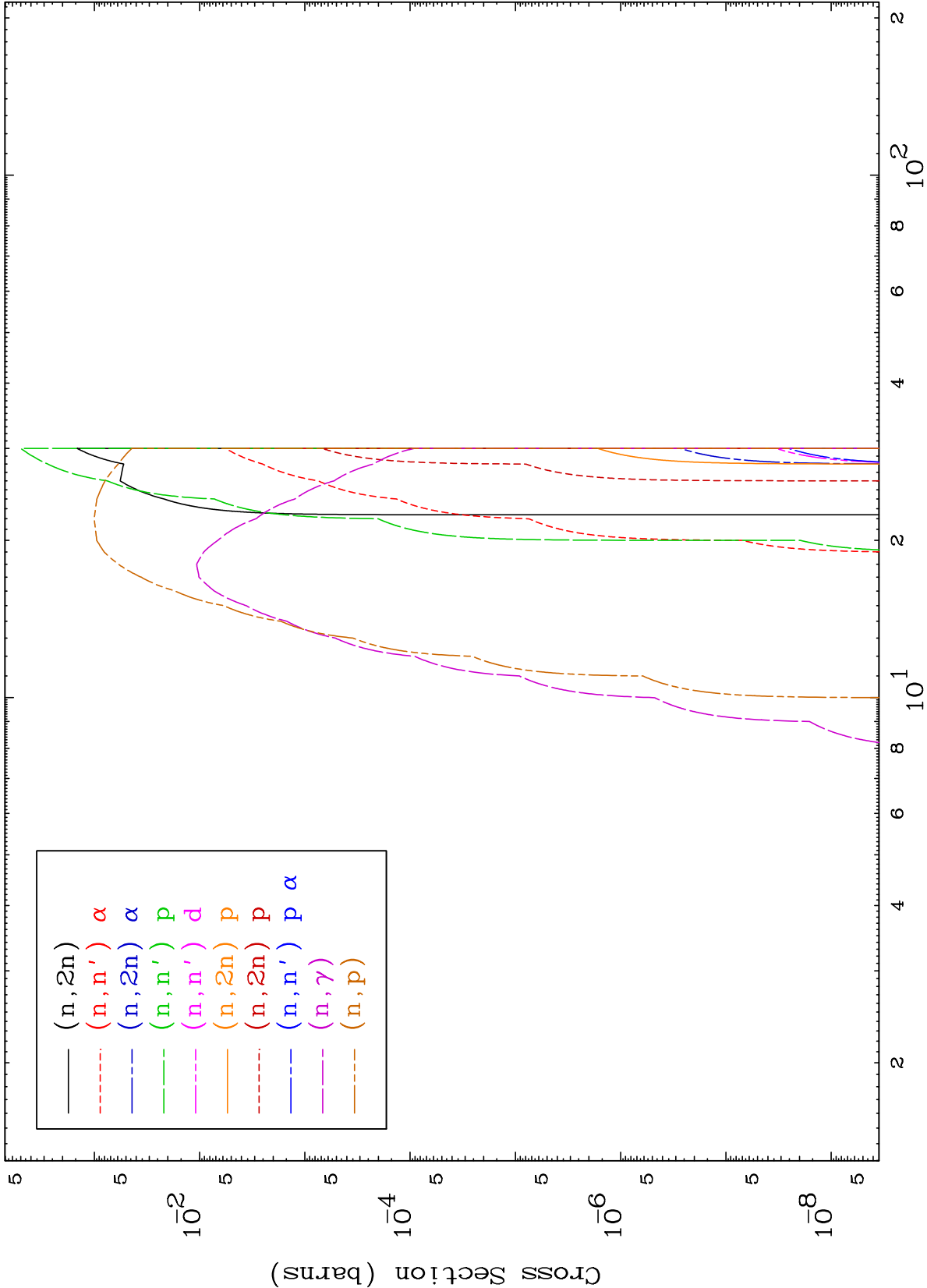
Press Mouse Button to Start



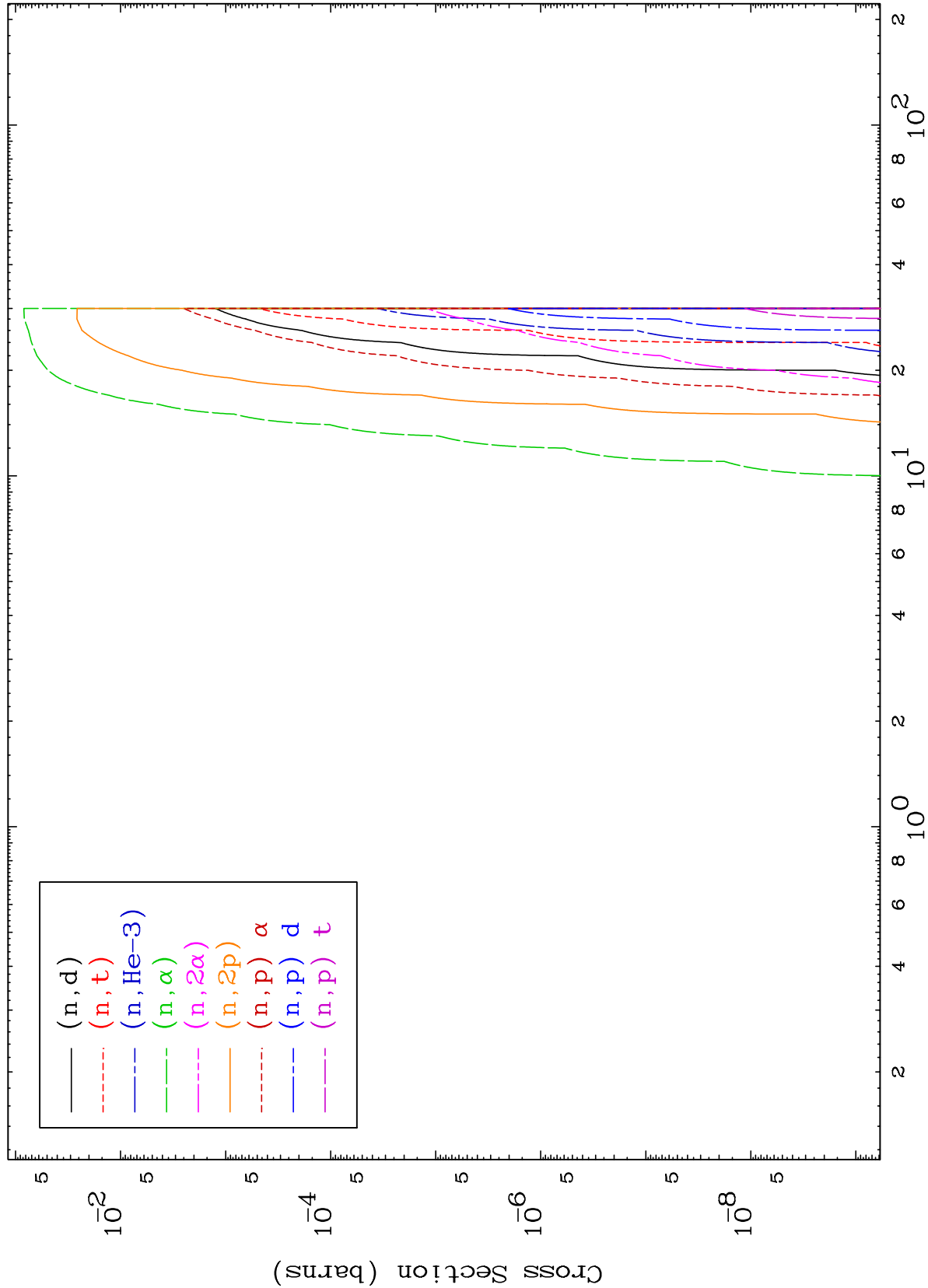
MAT 5807

α Neutron Absorption
0 Kelvin Cross Sections

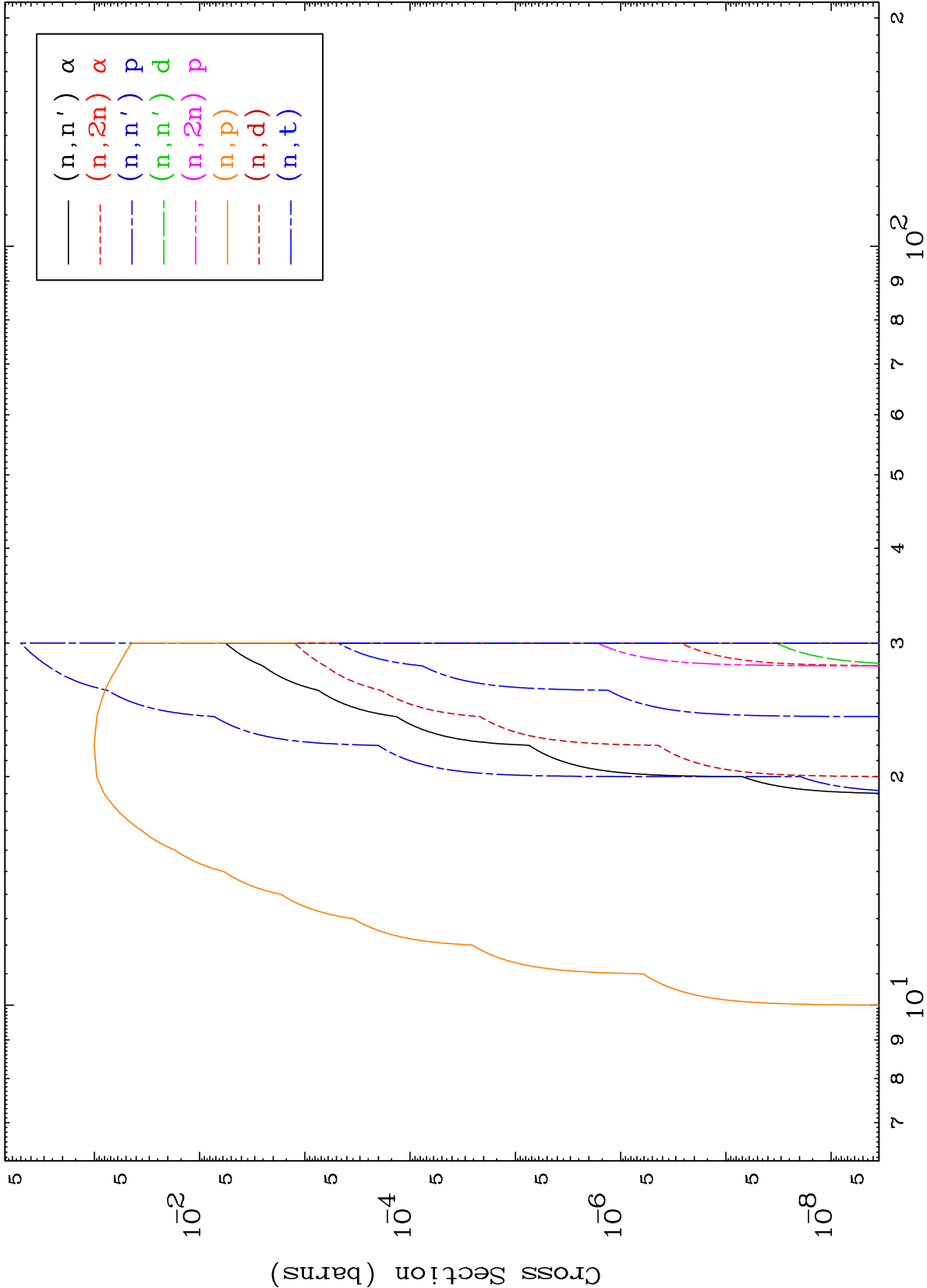
58-Ce-130



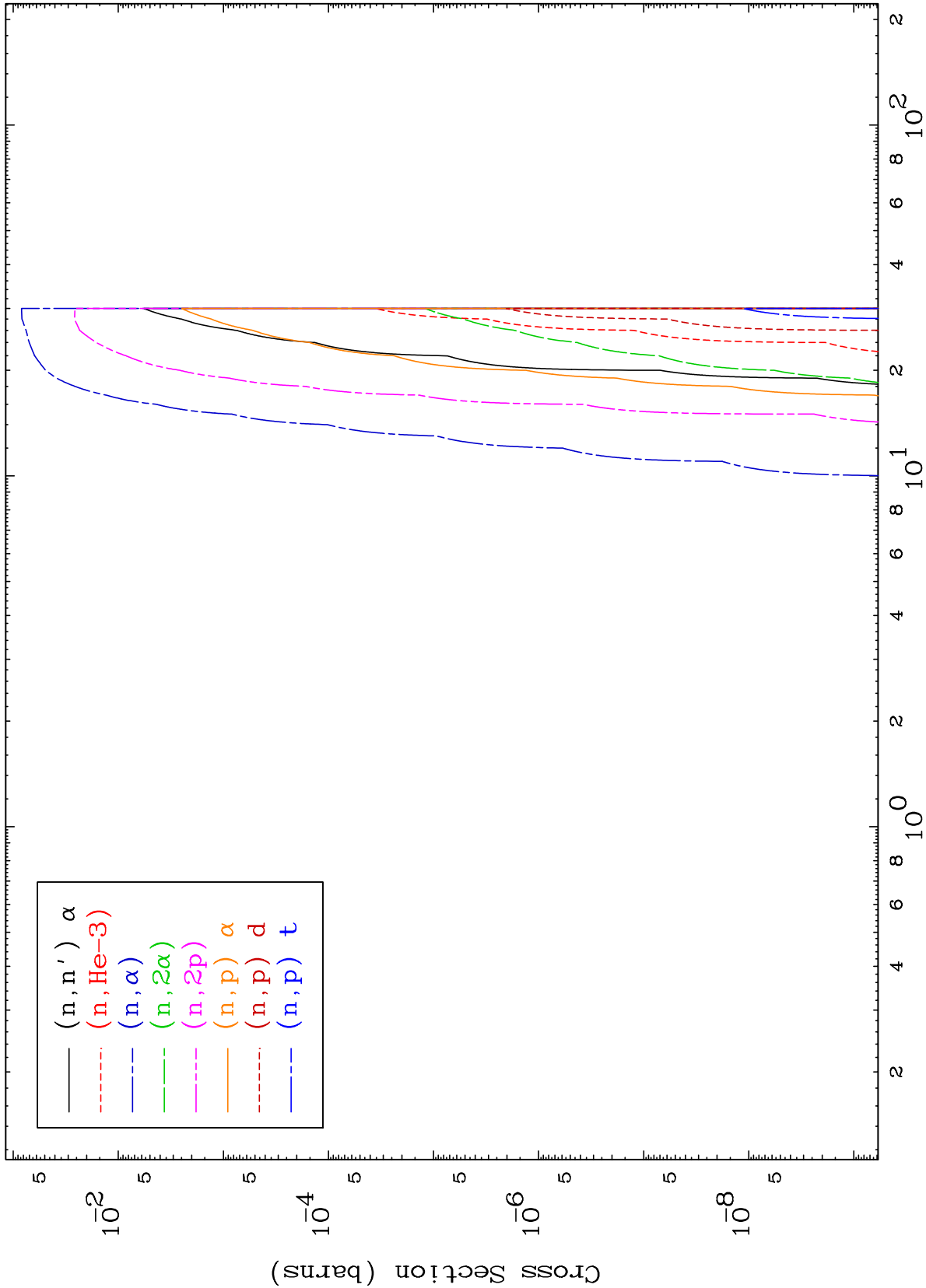
0 Kelvin Cross Sections



Incident Energy (MeV)



0 Kelvin Cross Sections

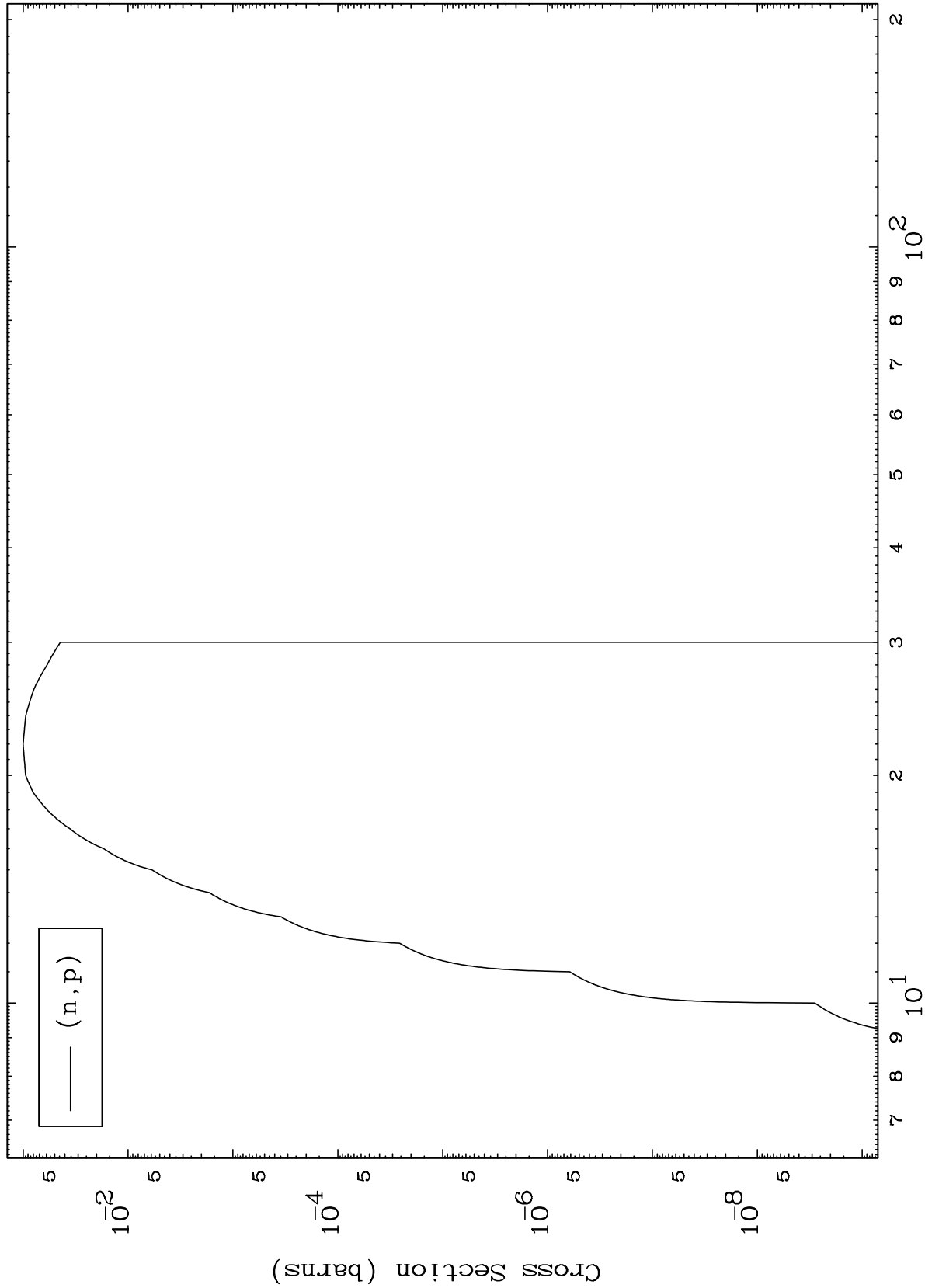


Incident Energy (MeV)

MAT 5807

58-Ce-130

(α, p) Levels
0 Kelvin Cross Sections



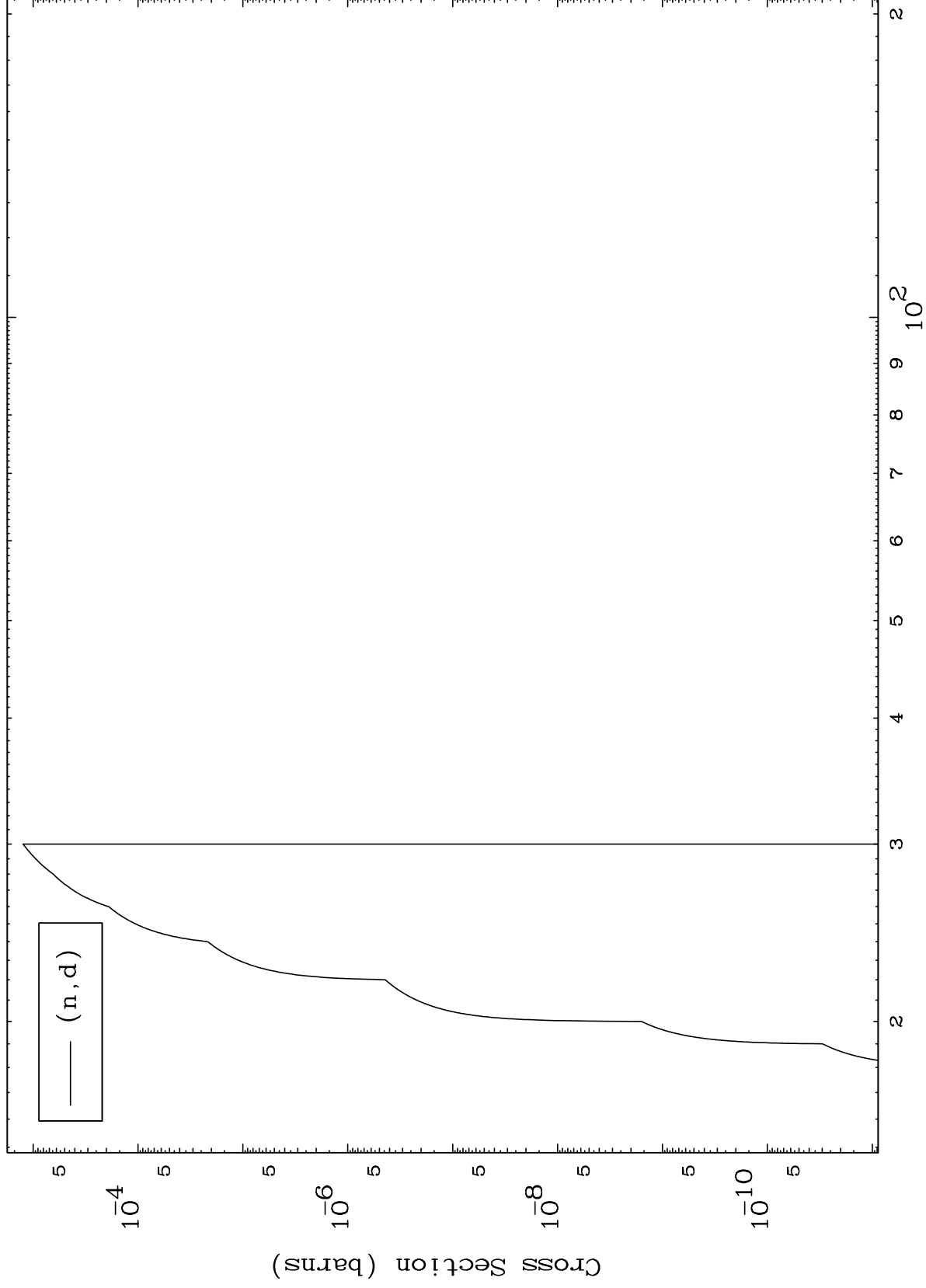
58-Ce-130

Incident Energy (MeV)

MAT 5807

58-Ce-130

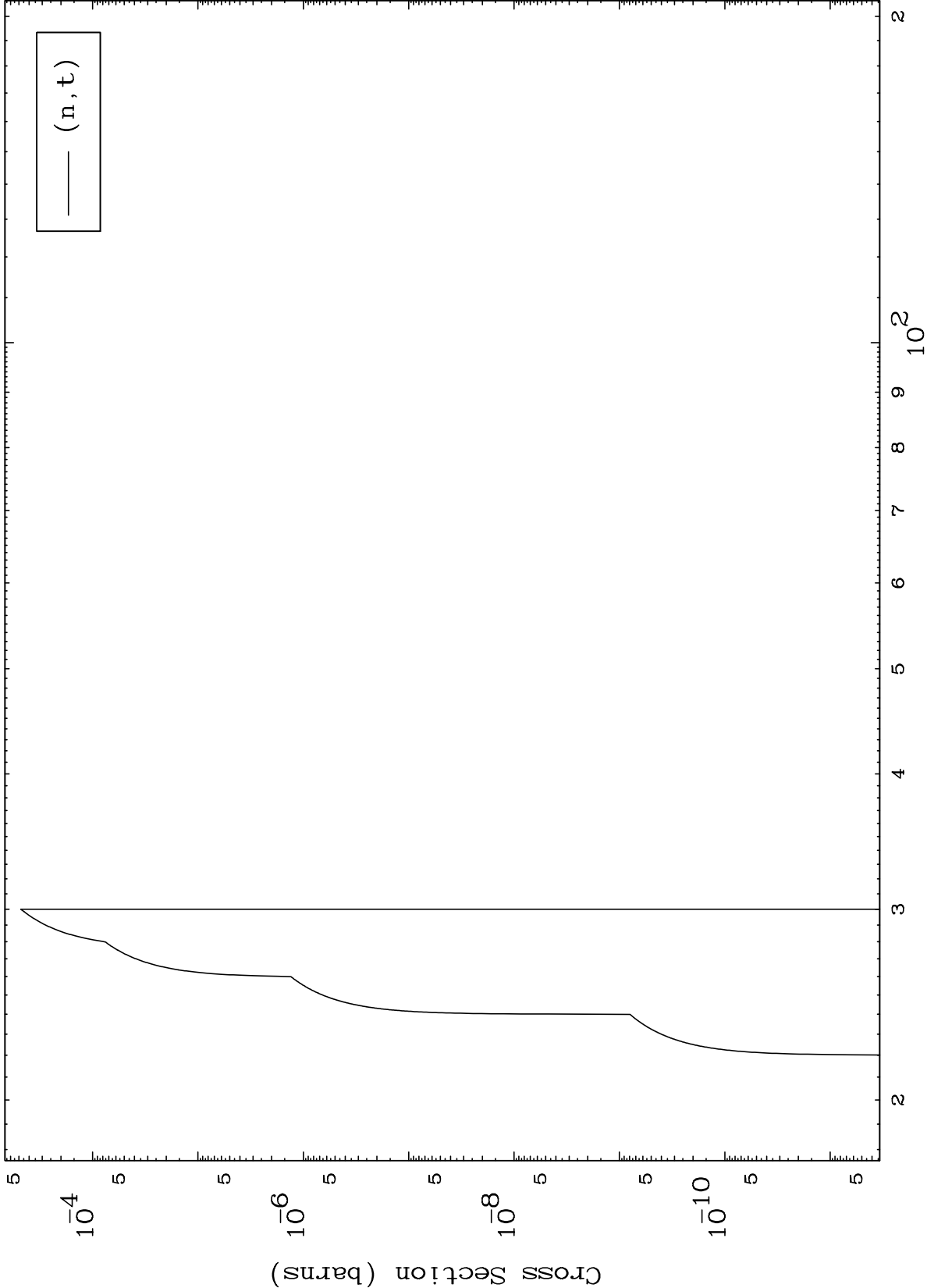
(α, d) Levels
0 Kelvin Cross Sections



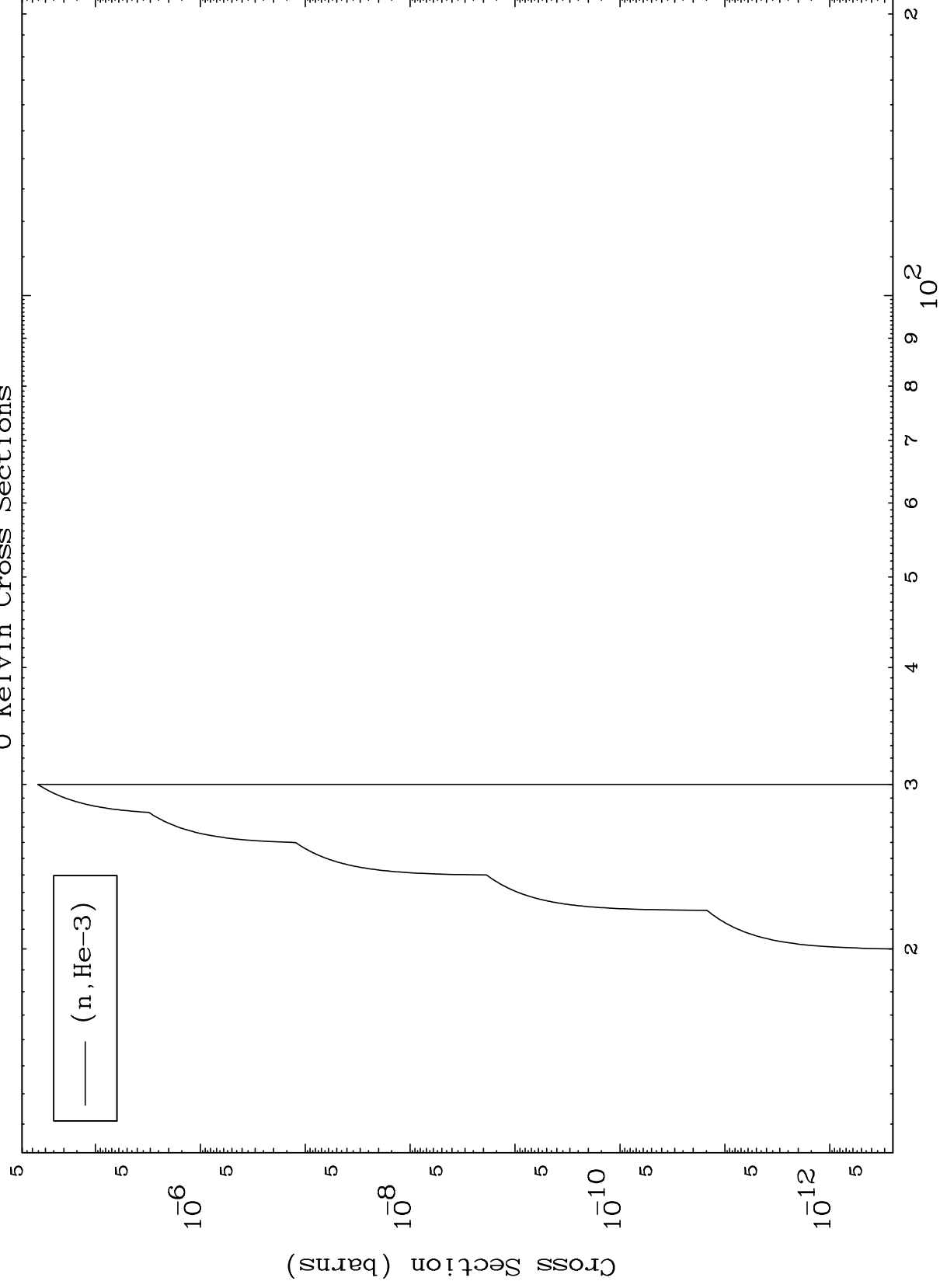
58-Ce-130

Incident Energy (MeV)

7



(α ,He3) Levels
0 Kelvin Cross Sections

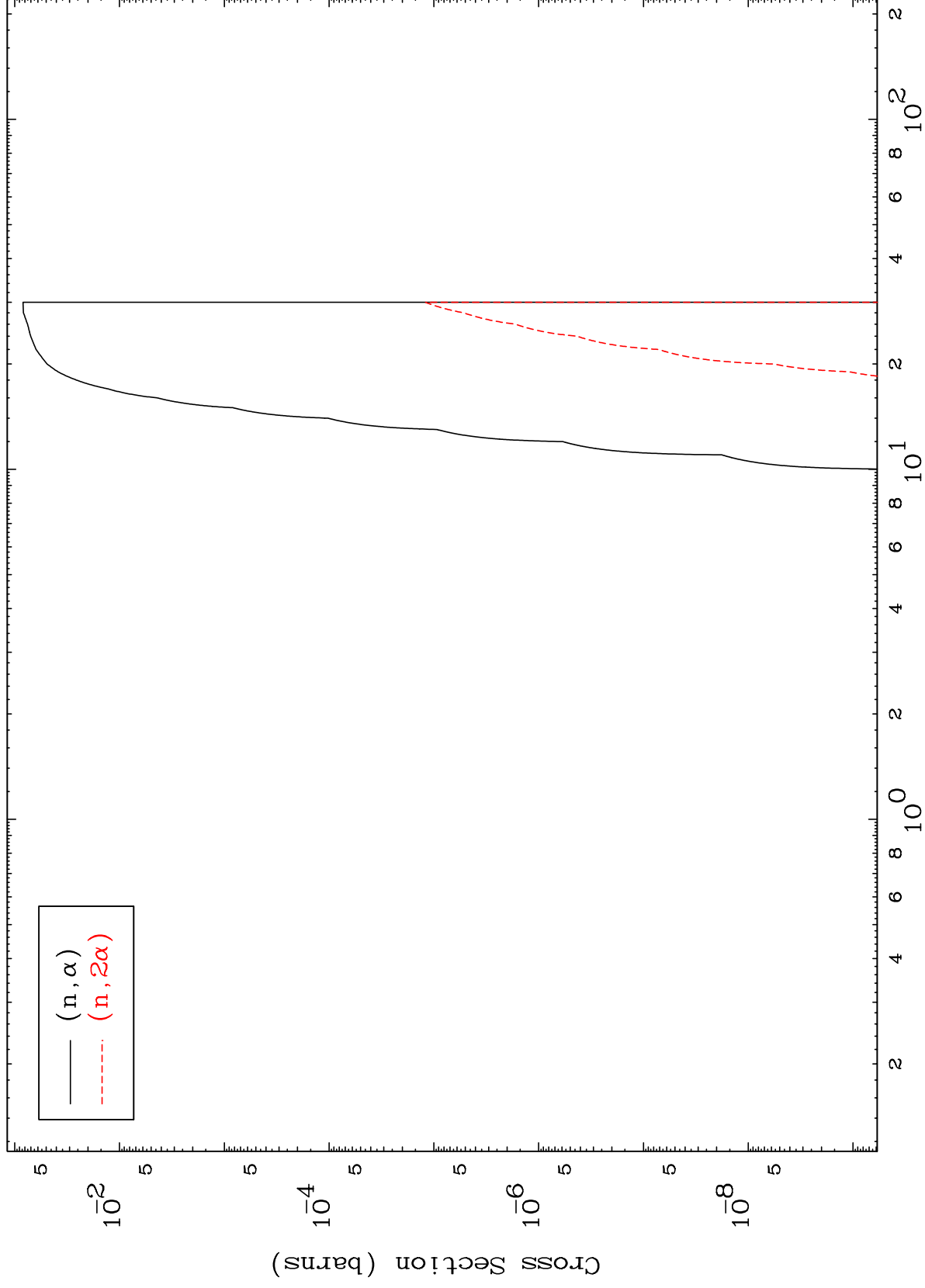


MAT 5807

(α, α) Levels

58-Ce-130

0 Kelvin Cross Sections

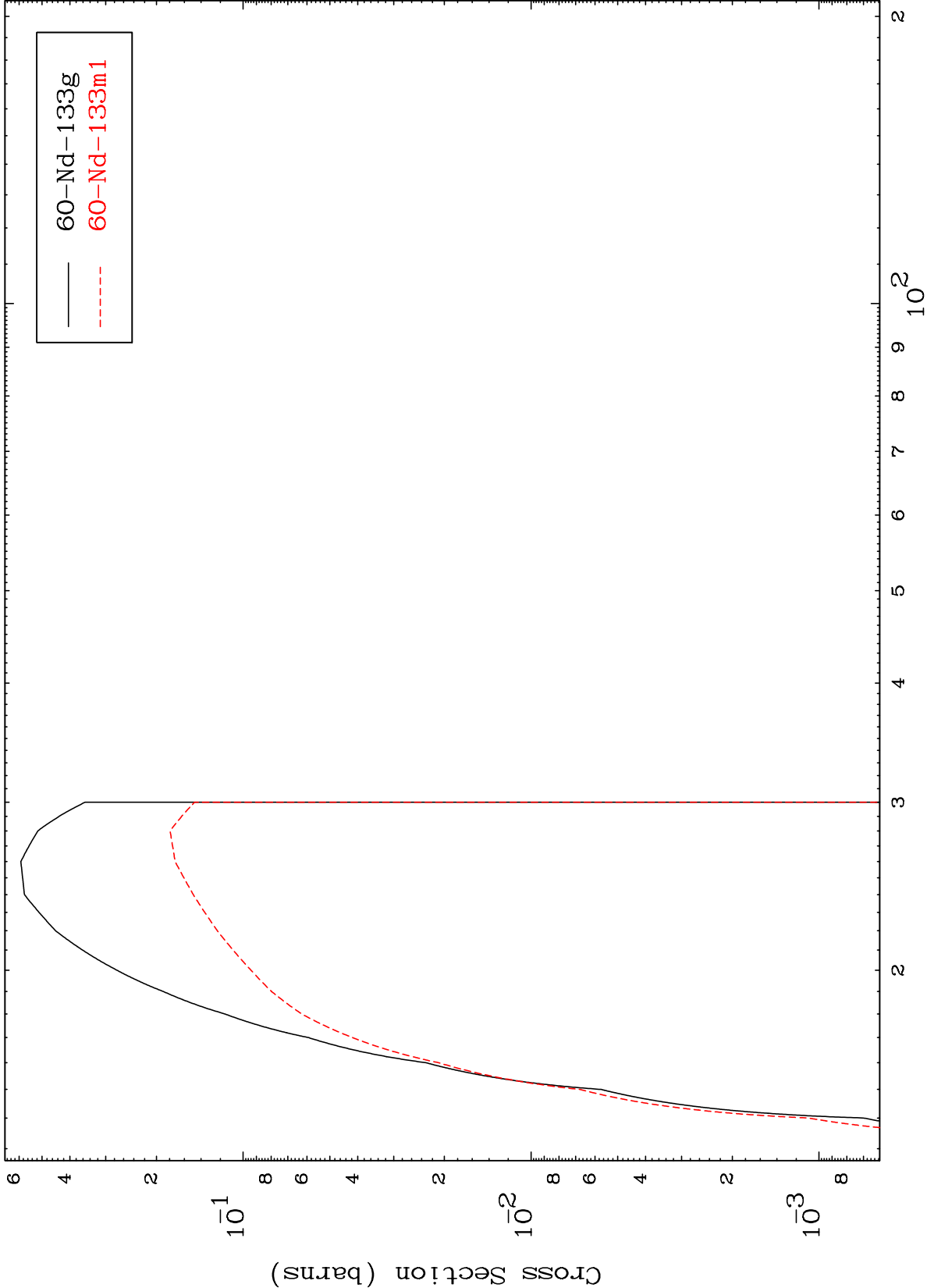


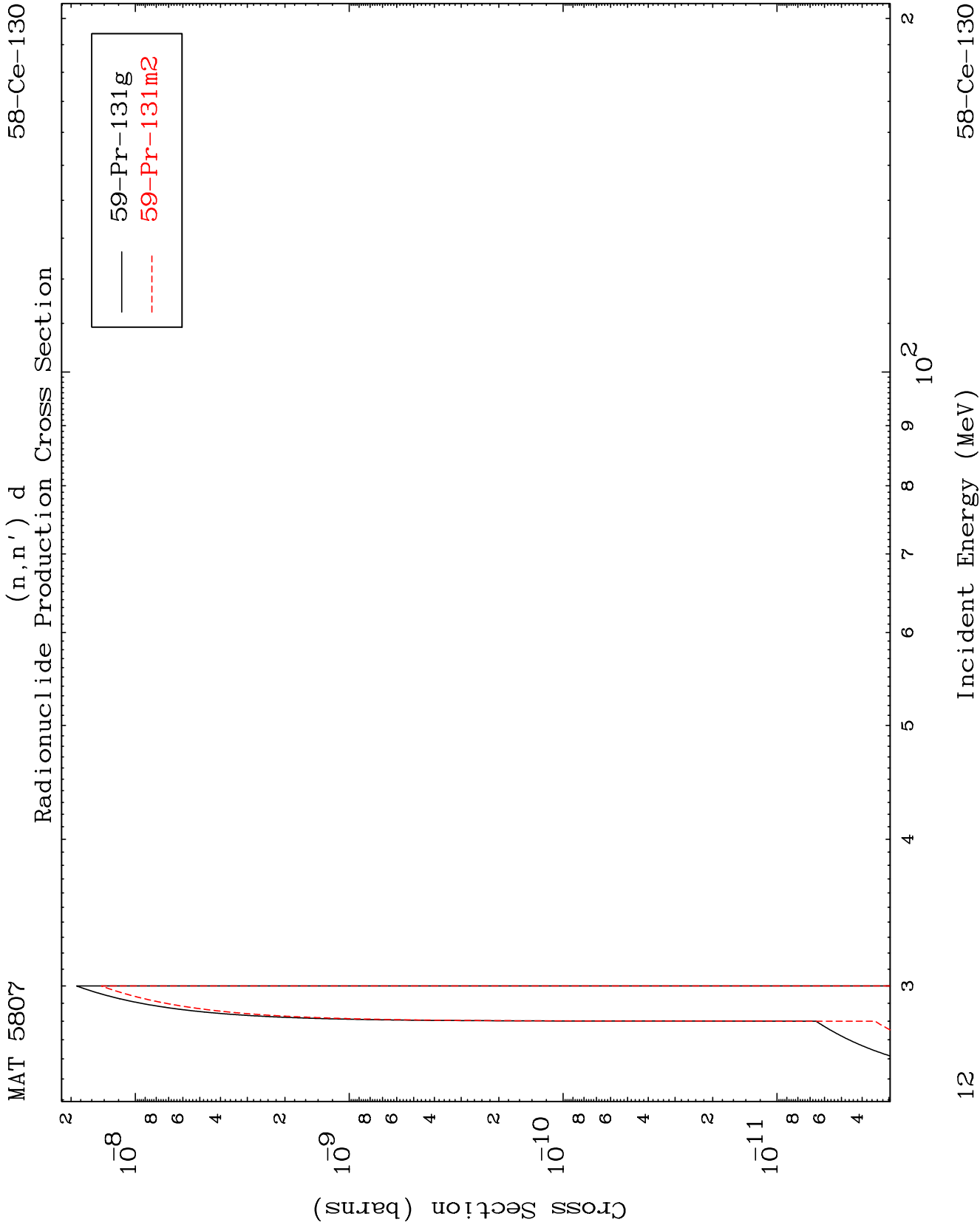
10

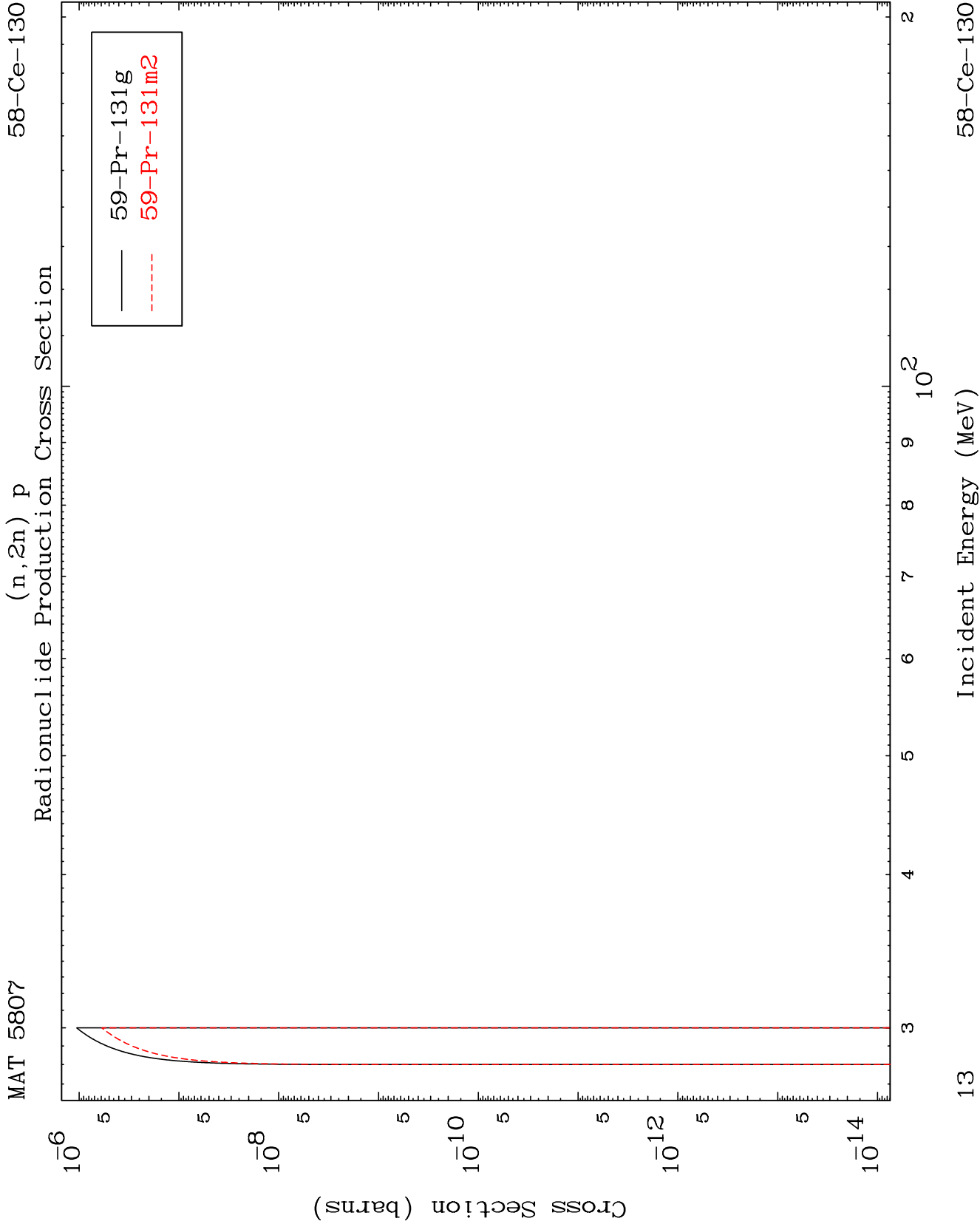
Incident Energy (MeV)

58-Ce-130

Inelastic
Radionuclide Production Cross Section



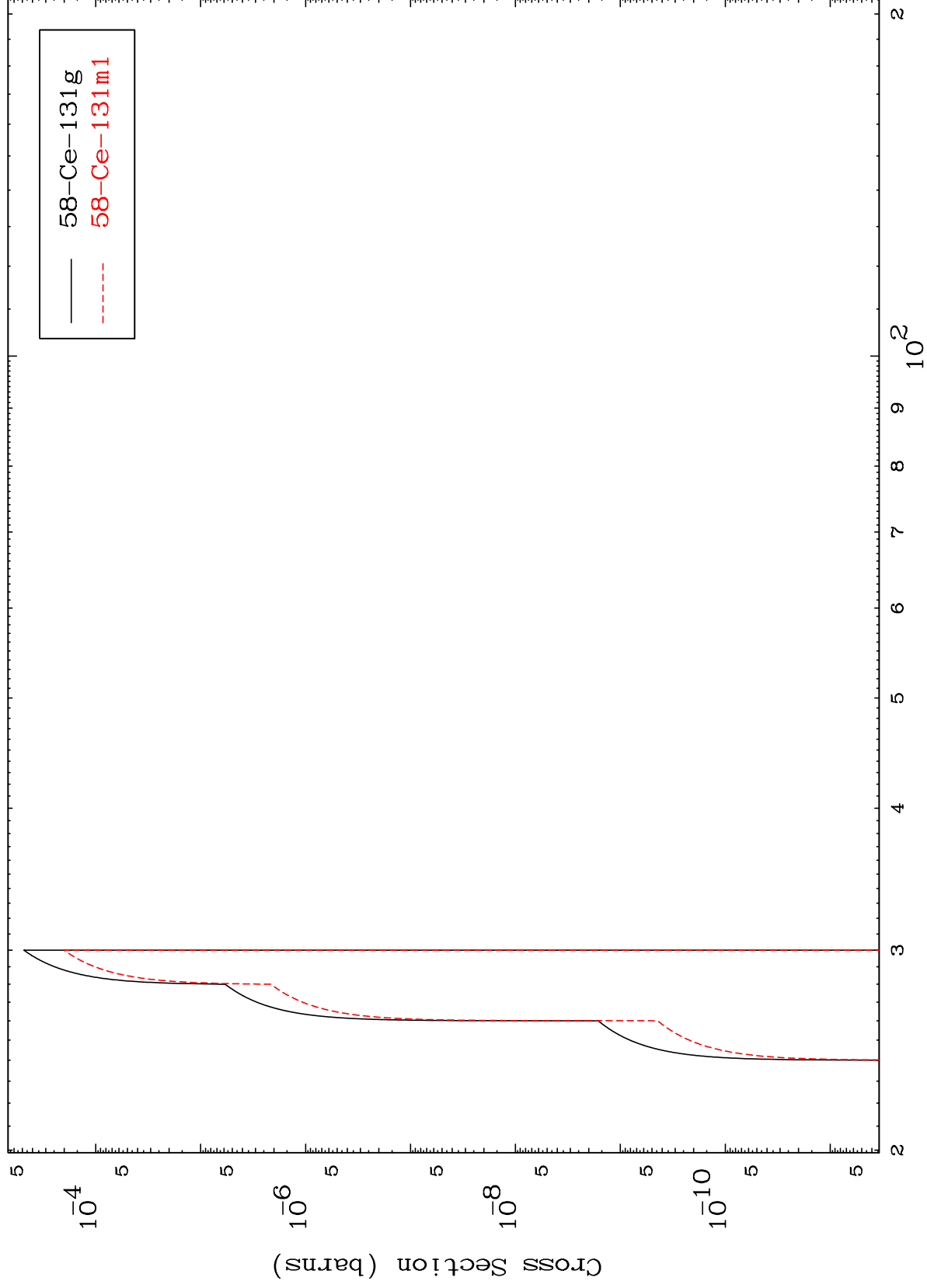




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58-Ce-130

(n,2n) p
Radionuclide Production Cross Section



58-Ce-130

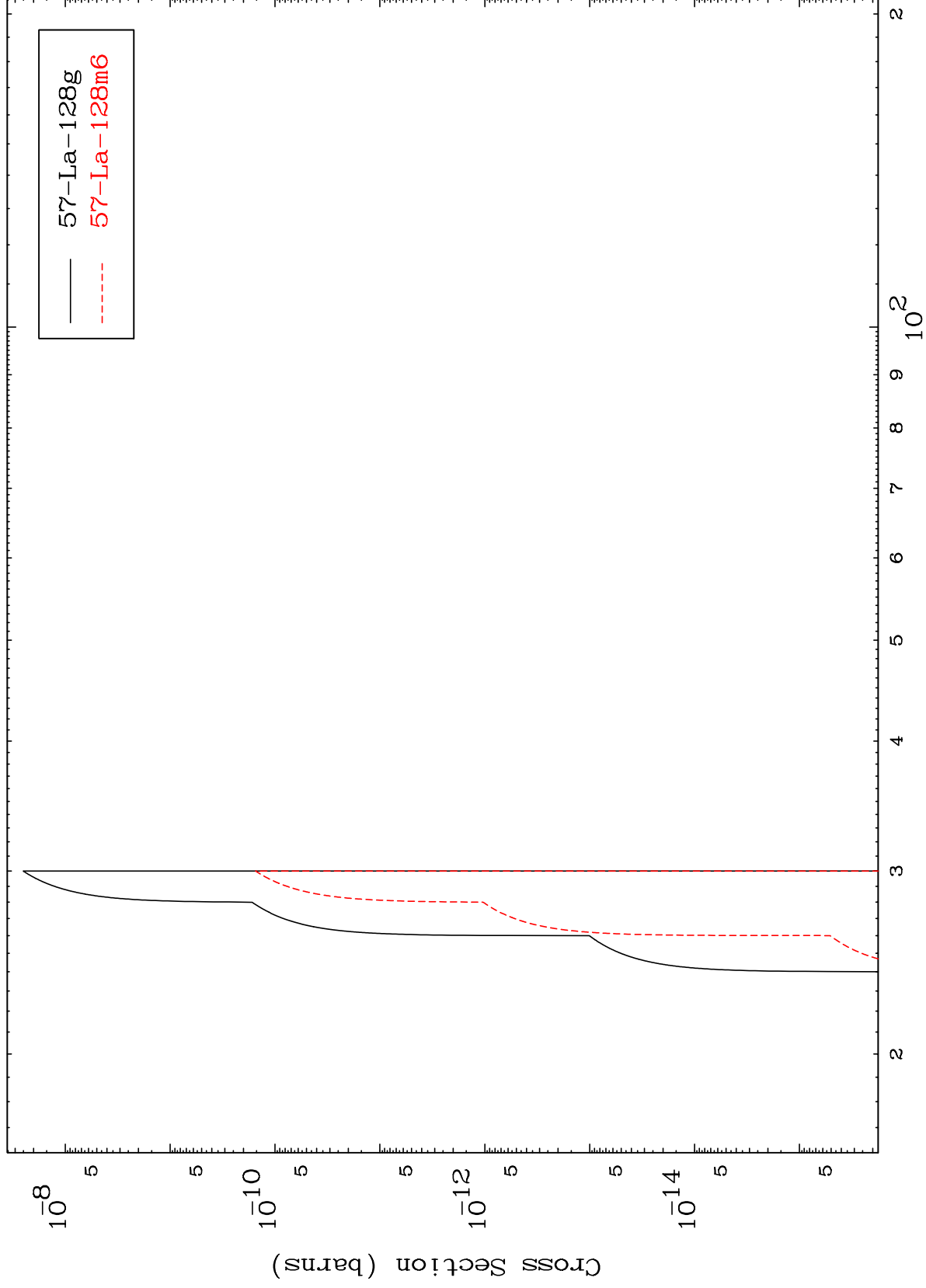
Incident Energy (MeV)

14

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58-Ce-130

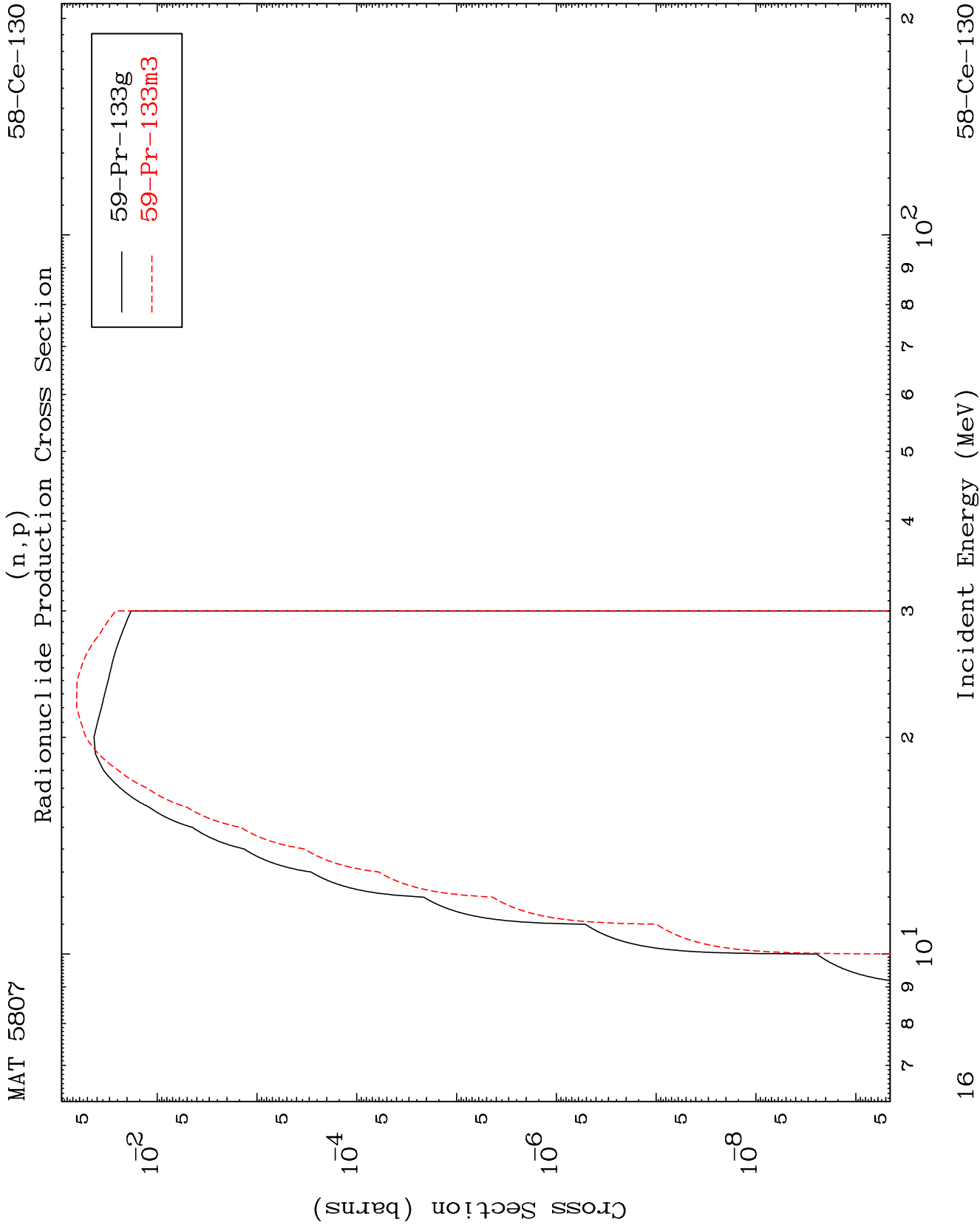
(n,n') p α
Radionuclide Production Cross Section

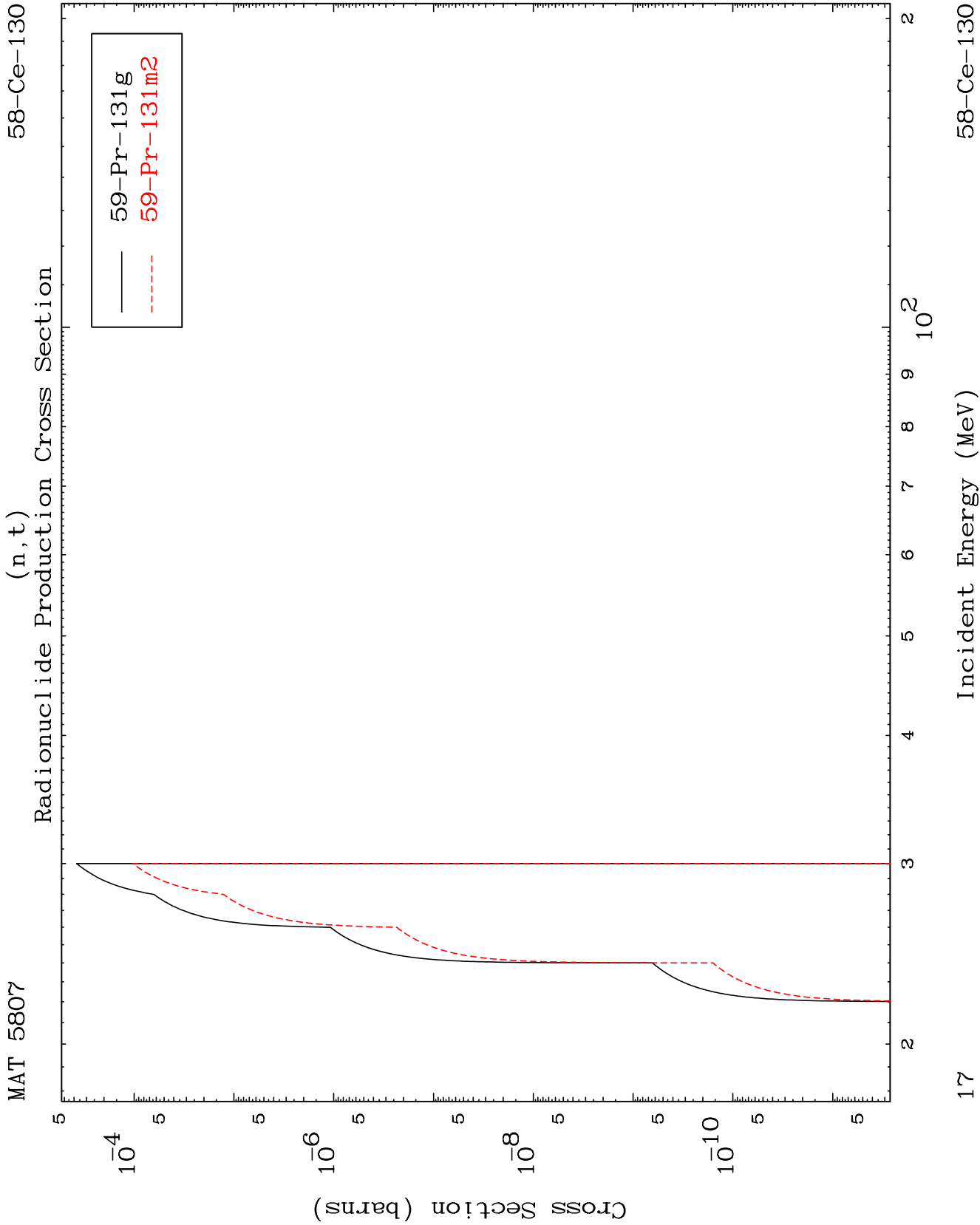


15

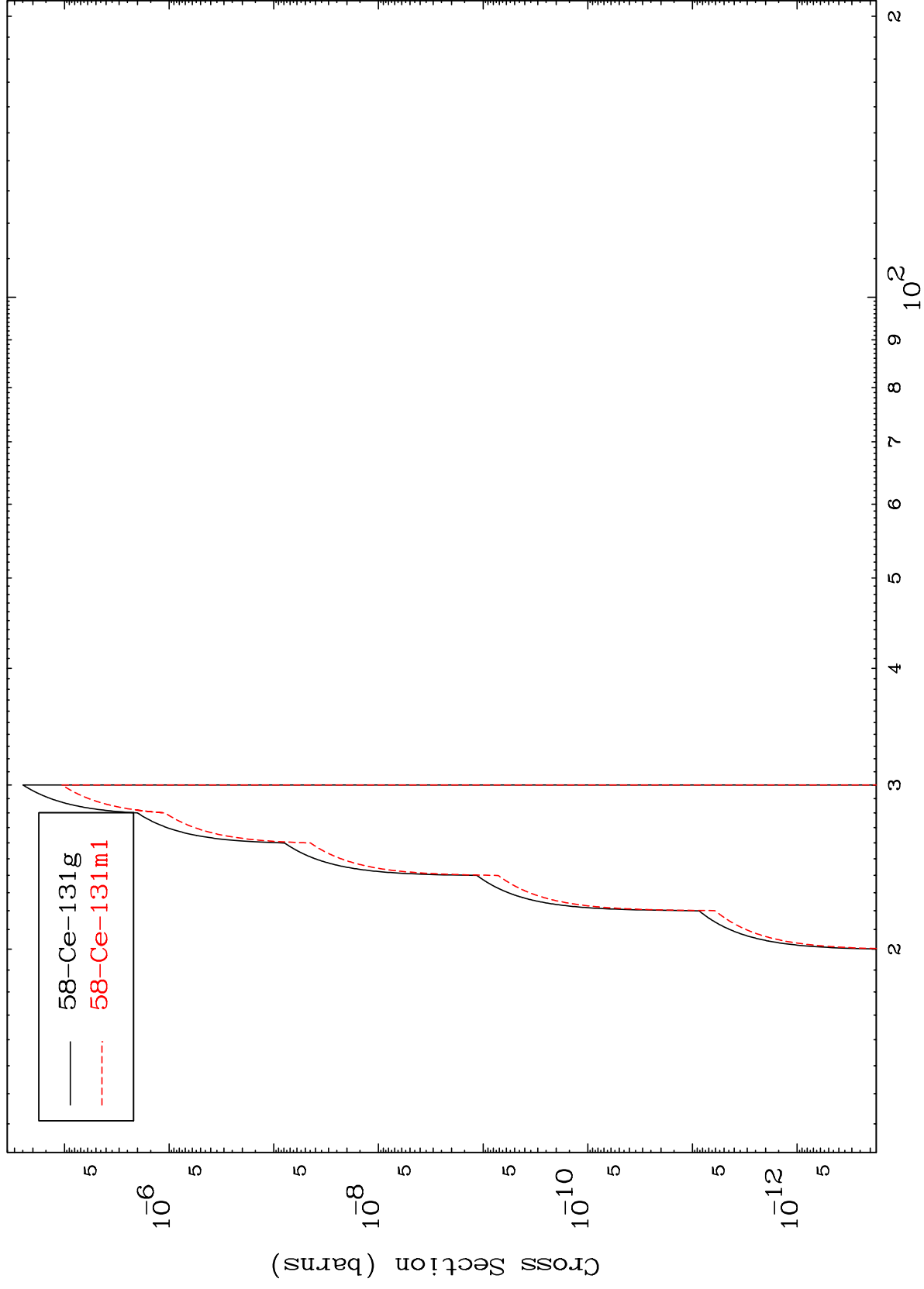
Incident Energy (MeV)

58-Ce-130





Radionuclide Production Cross Section
(n,He-3)

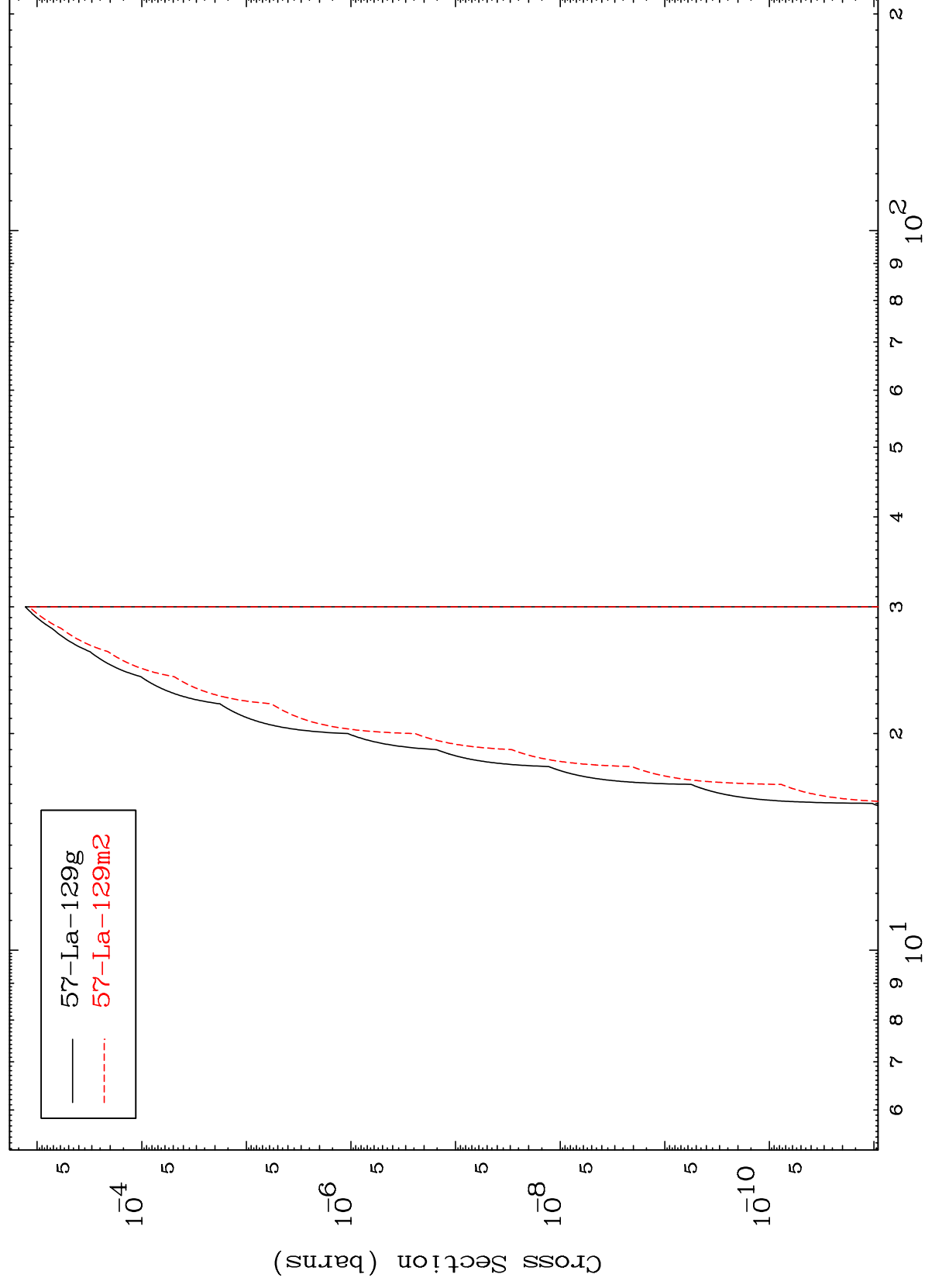


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58-Ce-130

$$(n, p) \propto$$

Radionuclide Production Cross Section



19

Incident Energy (MeV)

58-Ce-130

