

Program EVALPLOT
(Version 2021-1)

by

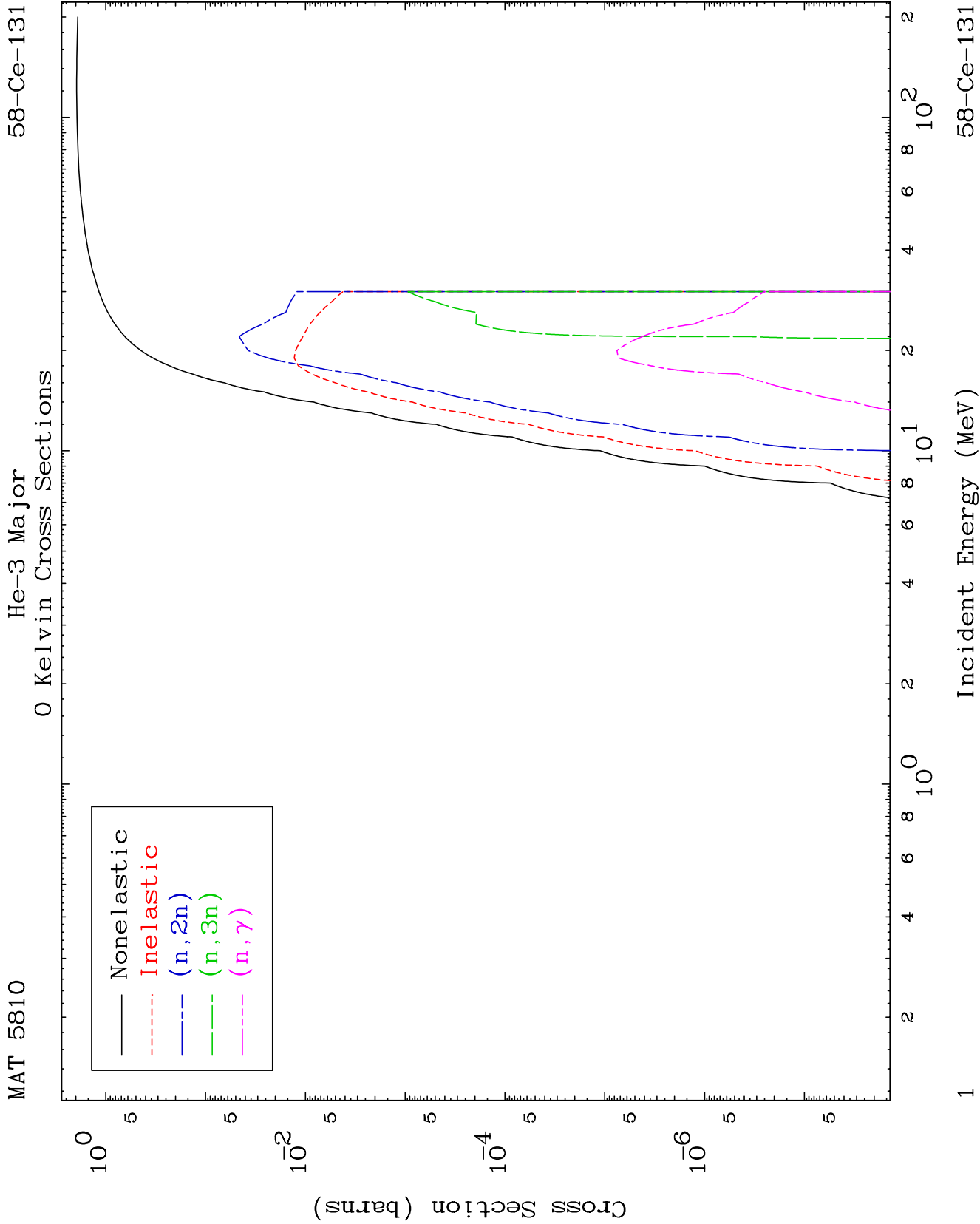
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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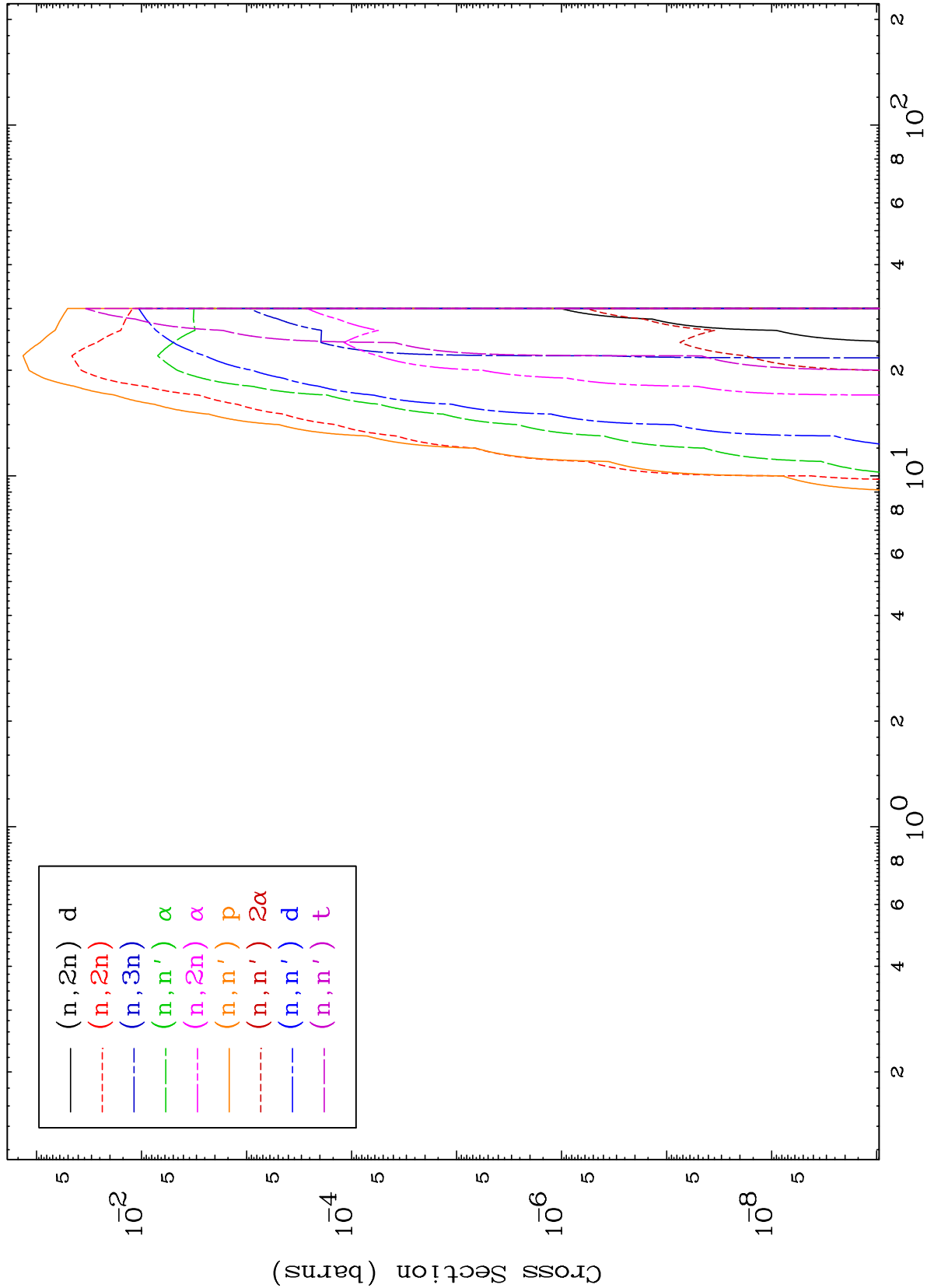
Press Mouse Button to Start

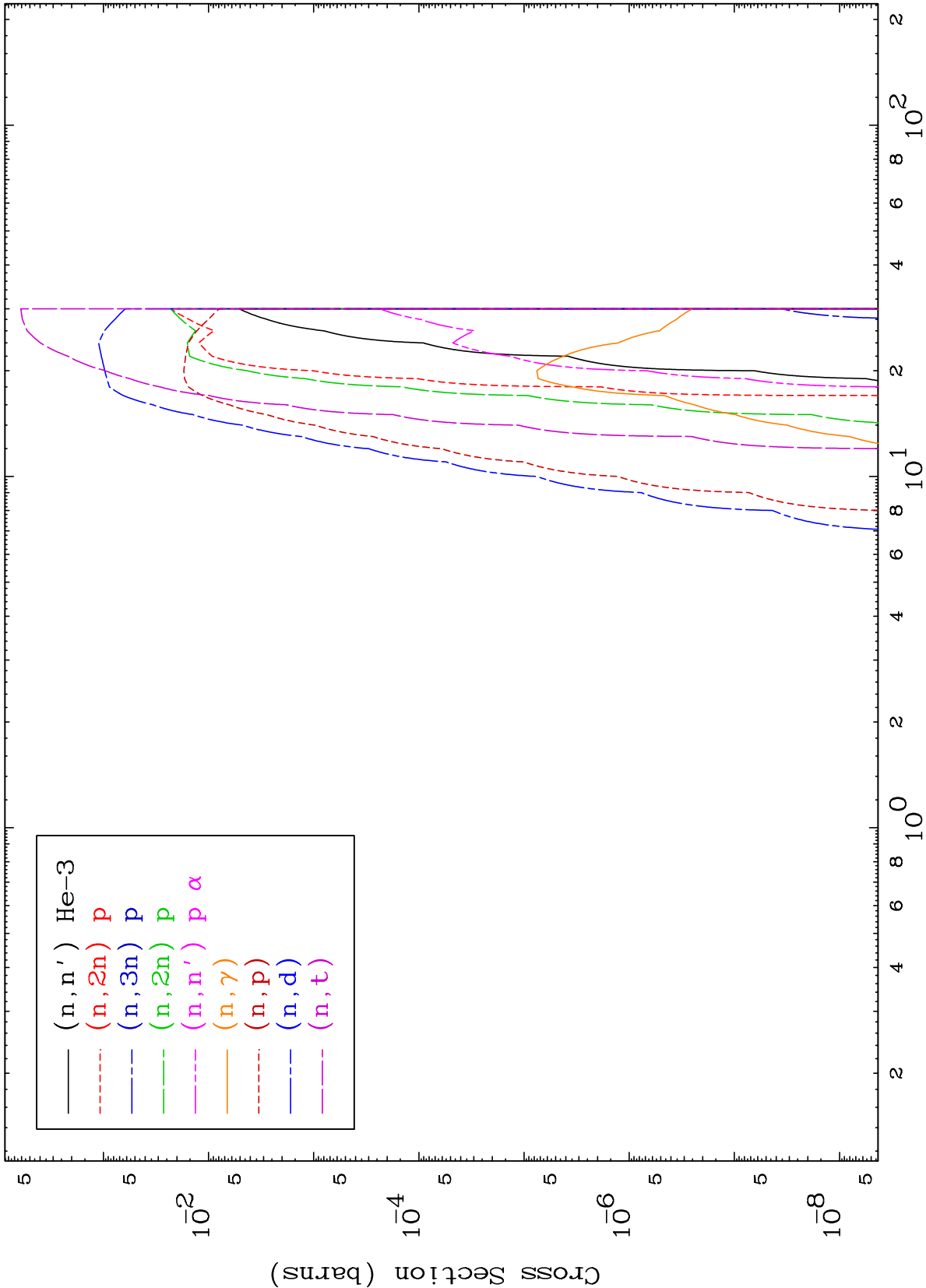


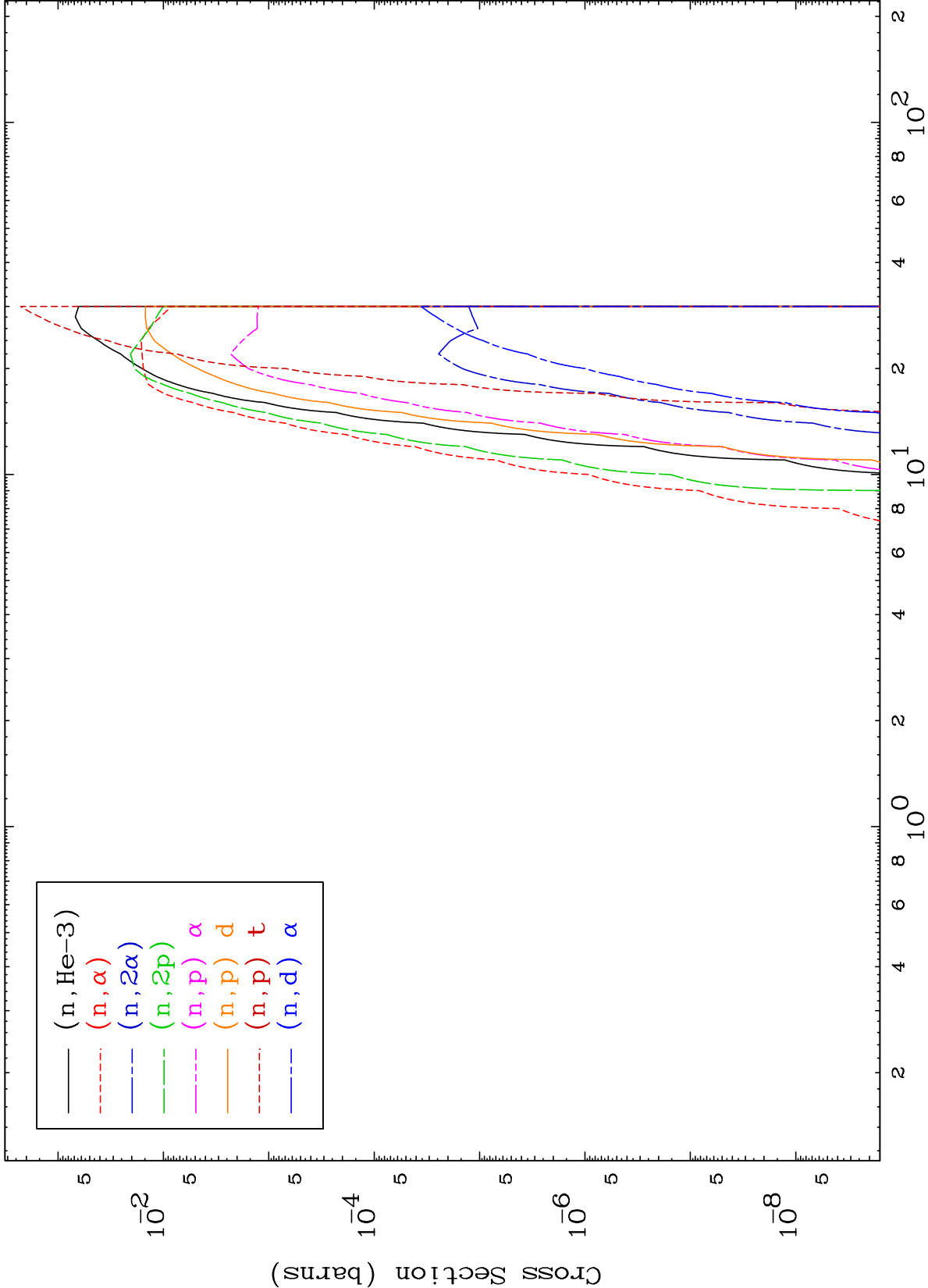
MAT 5810

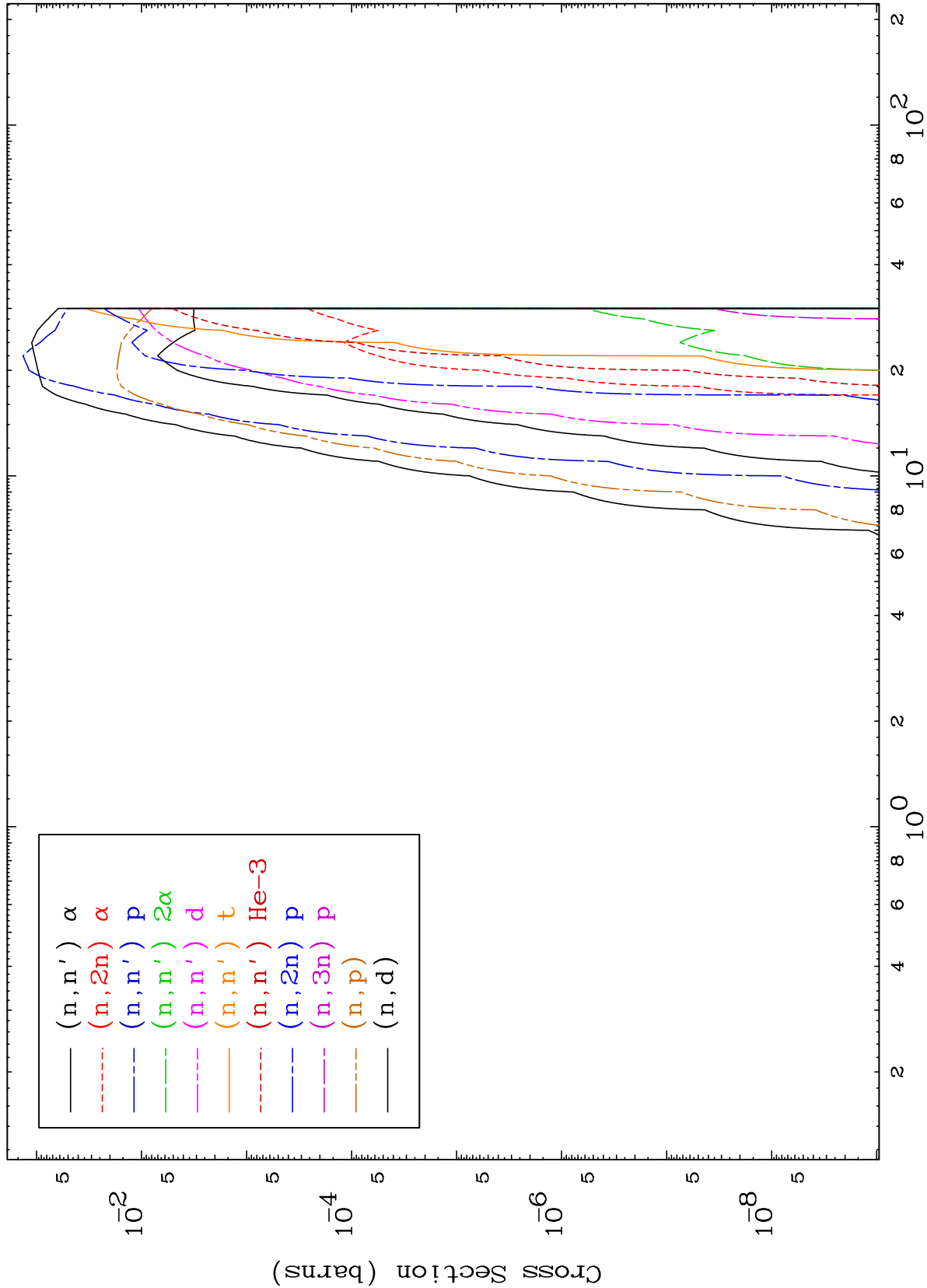
He-3 Neutron Absorption
0 Kelvin Cross Sections

58-Ce-131





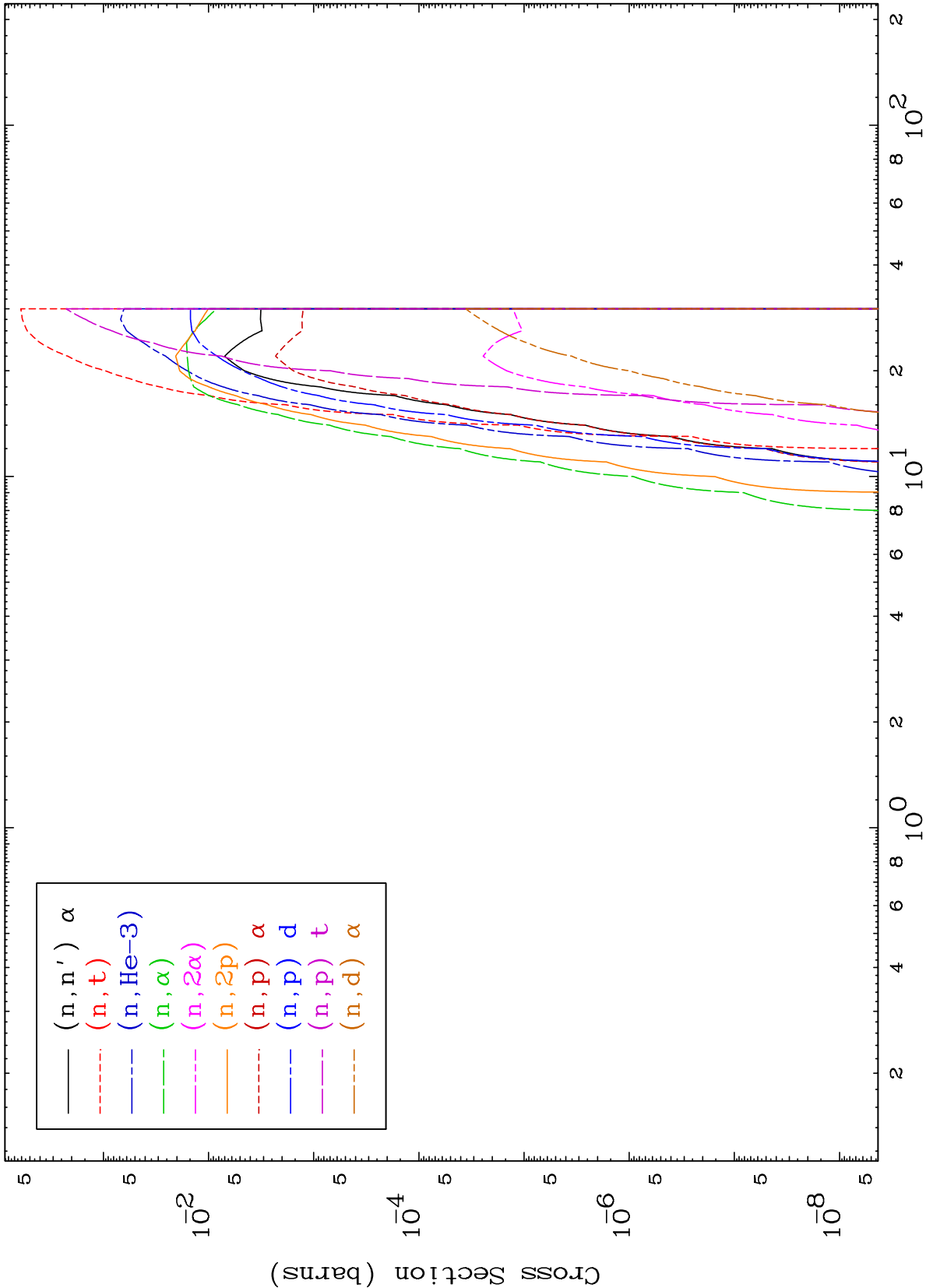




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He-3 Charged Particle
0 Kelvin Cross Sections

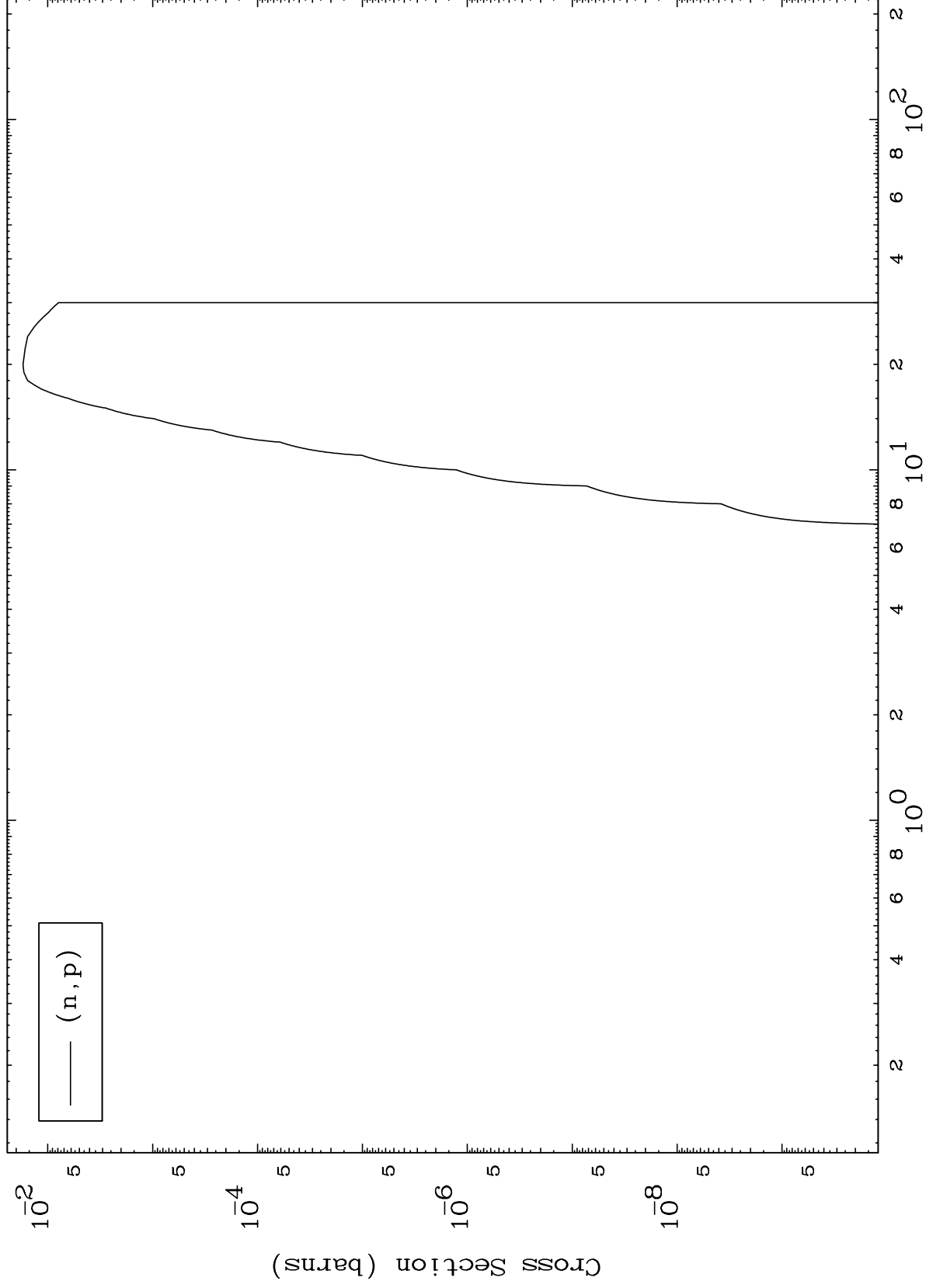
58-Ce-131



MAT 5810

58-Ce-131

(He-3,p) Levels
0 Kelvin Cross Sections



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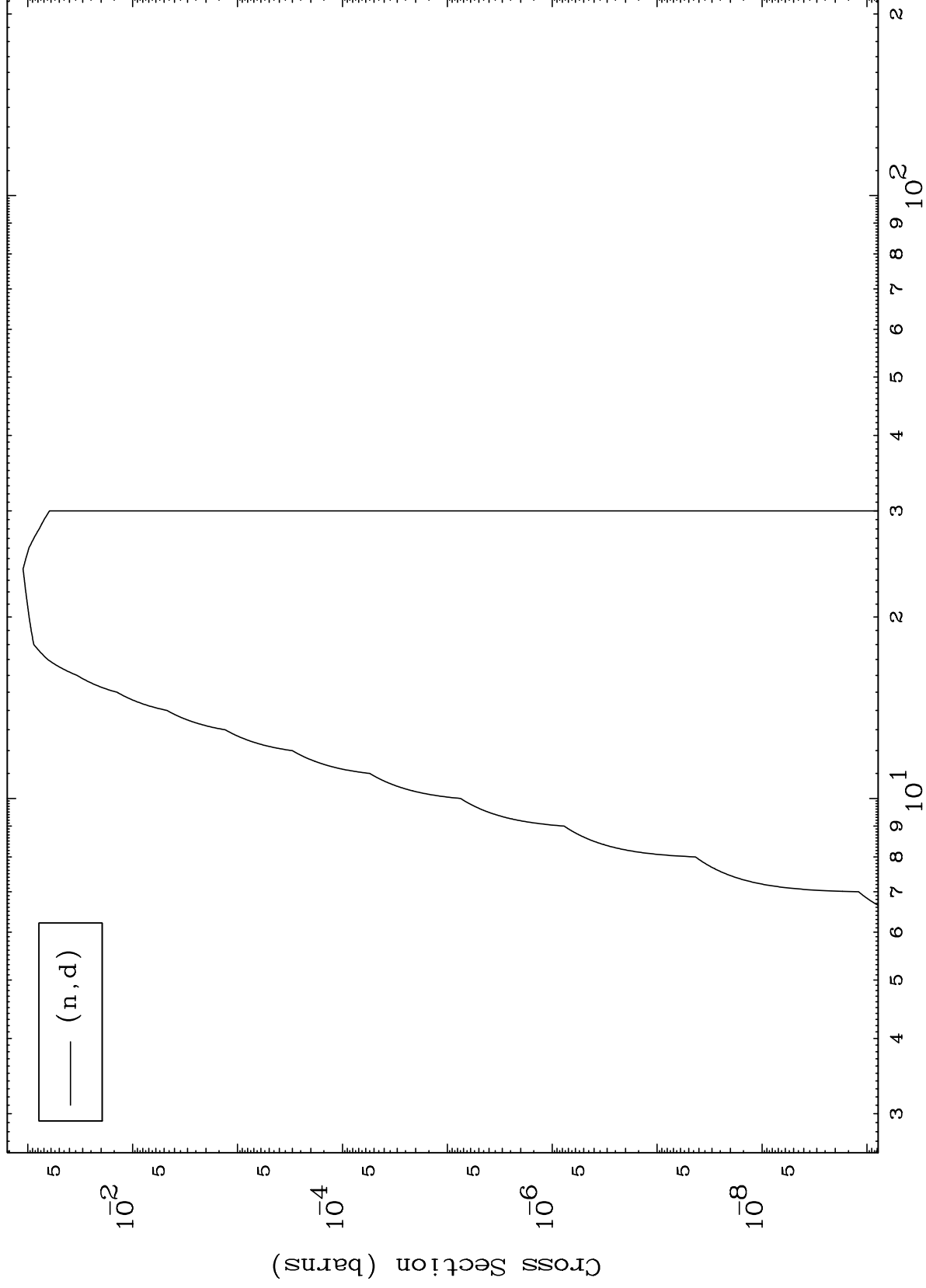
Incident Energy (MeV)

58-Ce-131

MAT 5810

58-Ce-131

(He-3,d) Levels
0 Kelvin Cross Sections



58-Ce-131

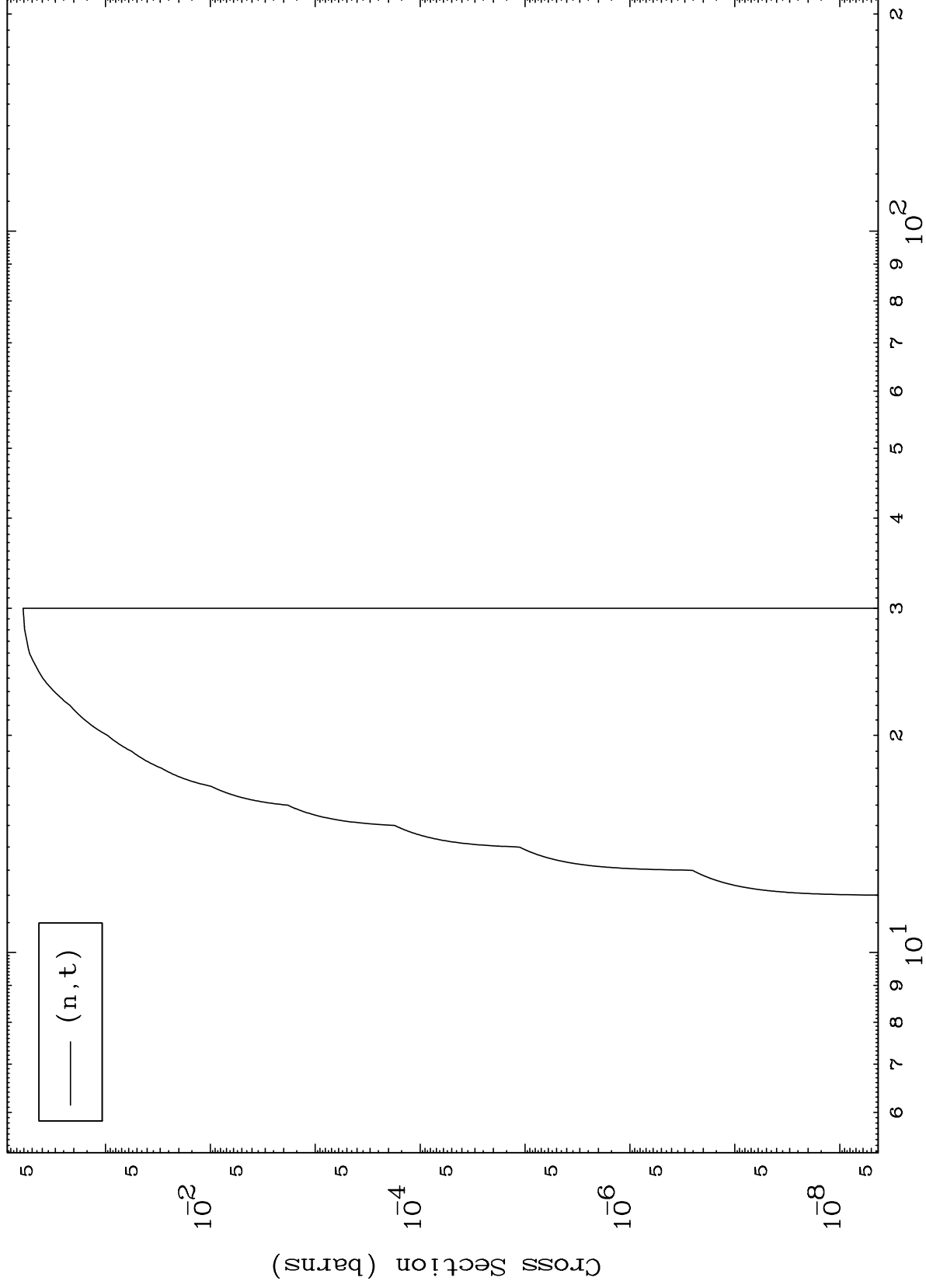
Incident Energy (MeV)

8

MAT 5810

58-Ce-131

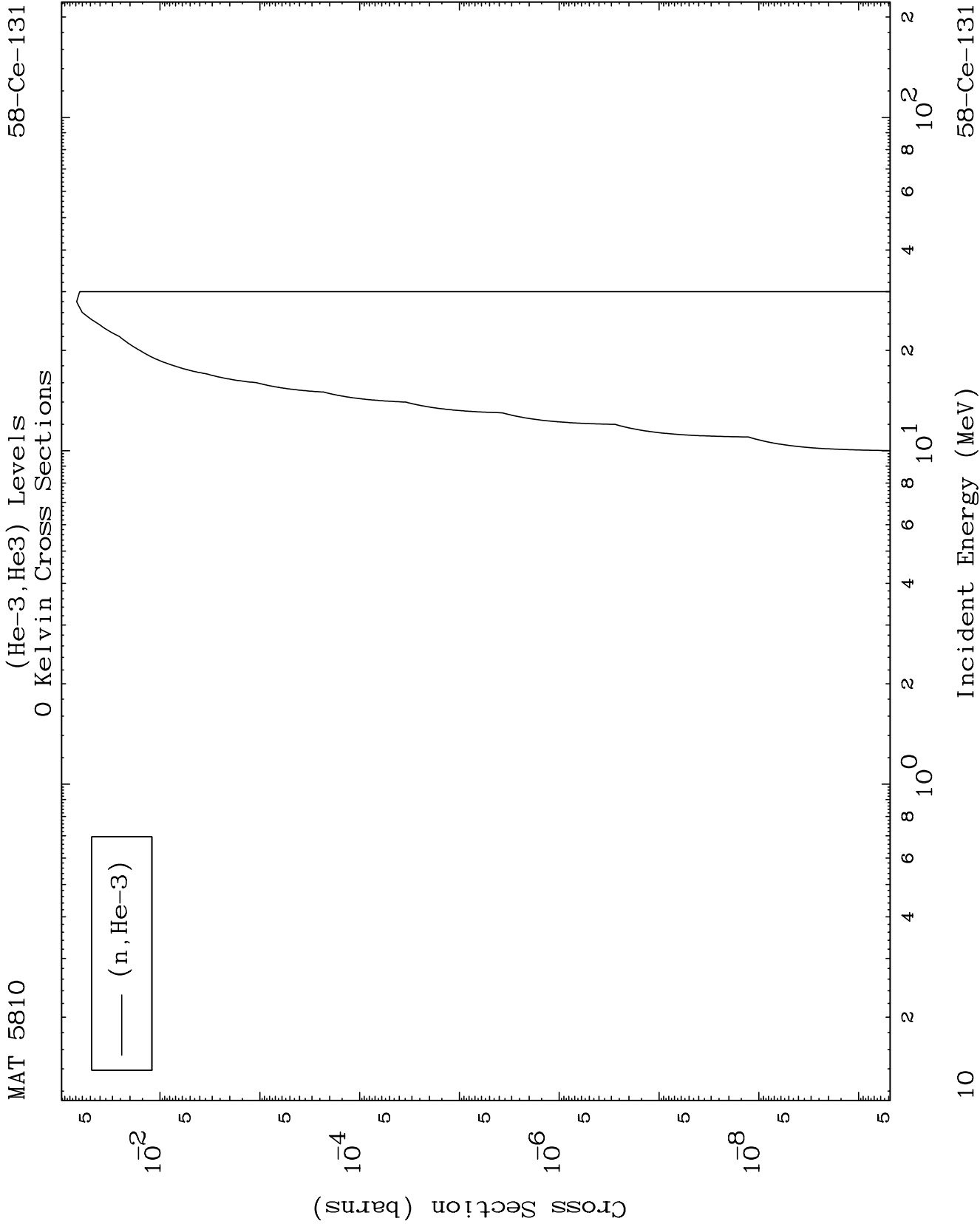
(He-3,t) Levels
0 Kelvin Cross Sections



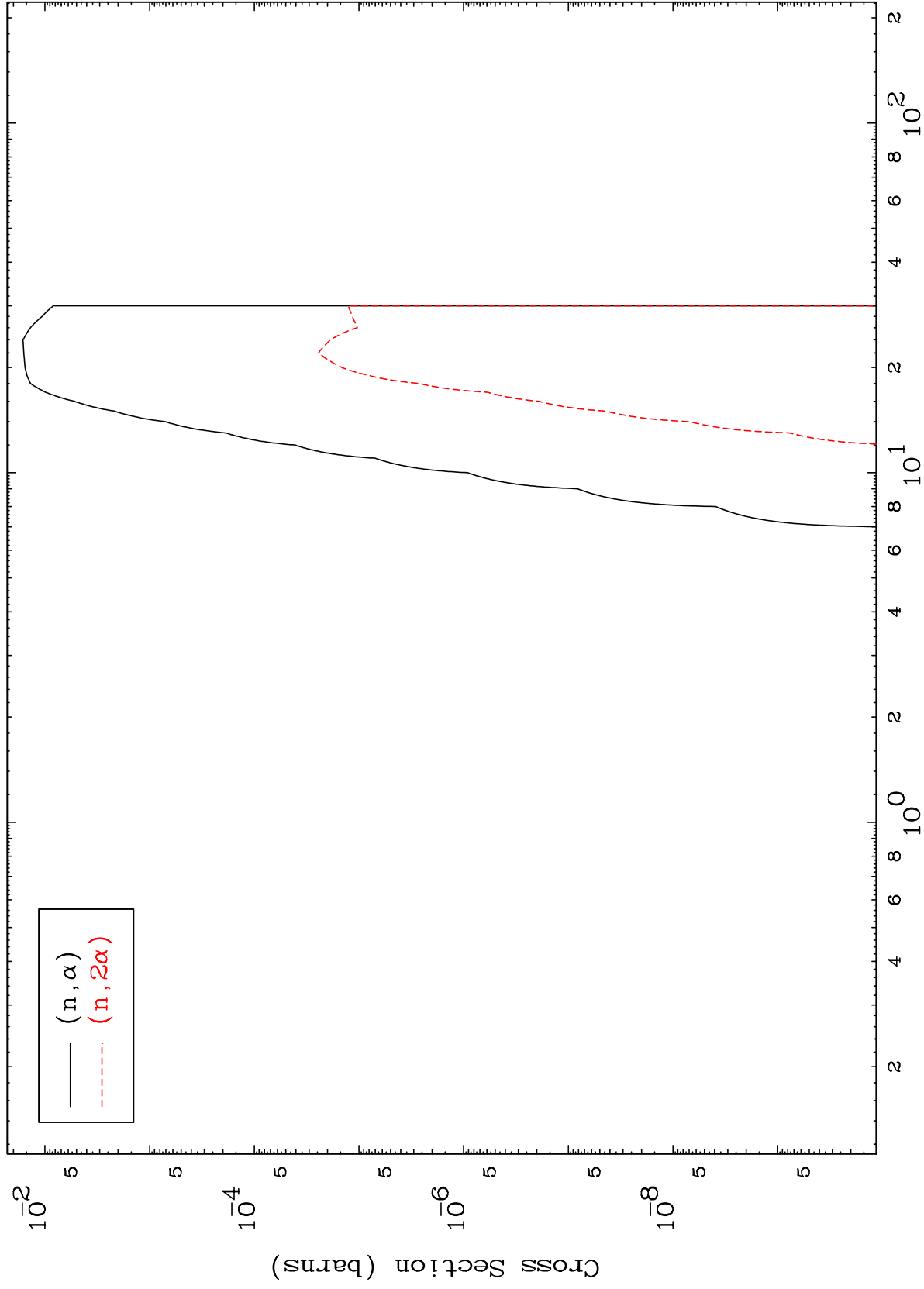
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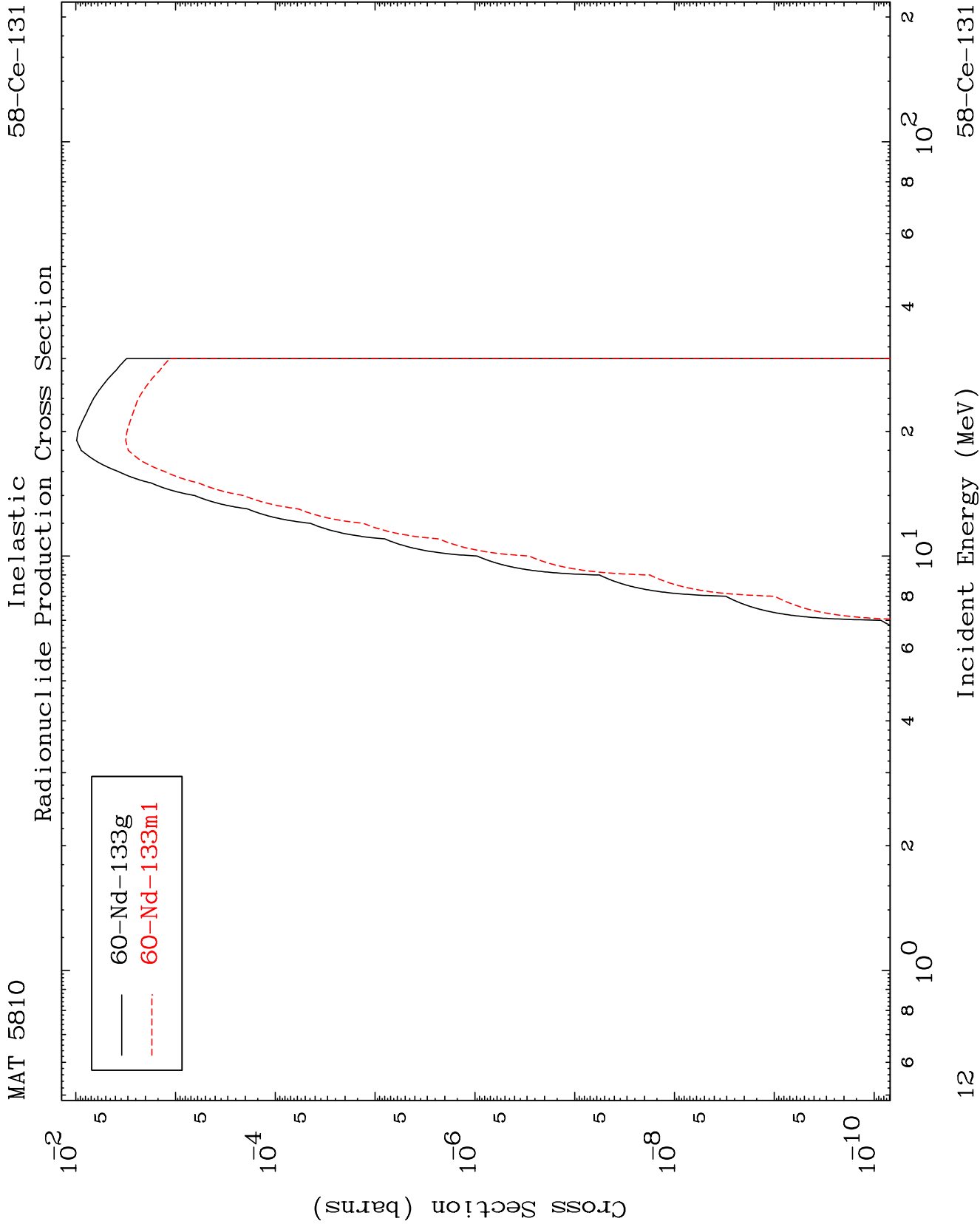
Incident Energy (MeV)

58-Ce-131



(He-3, α) Levels
0 Kelvin Cross Sections

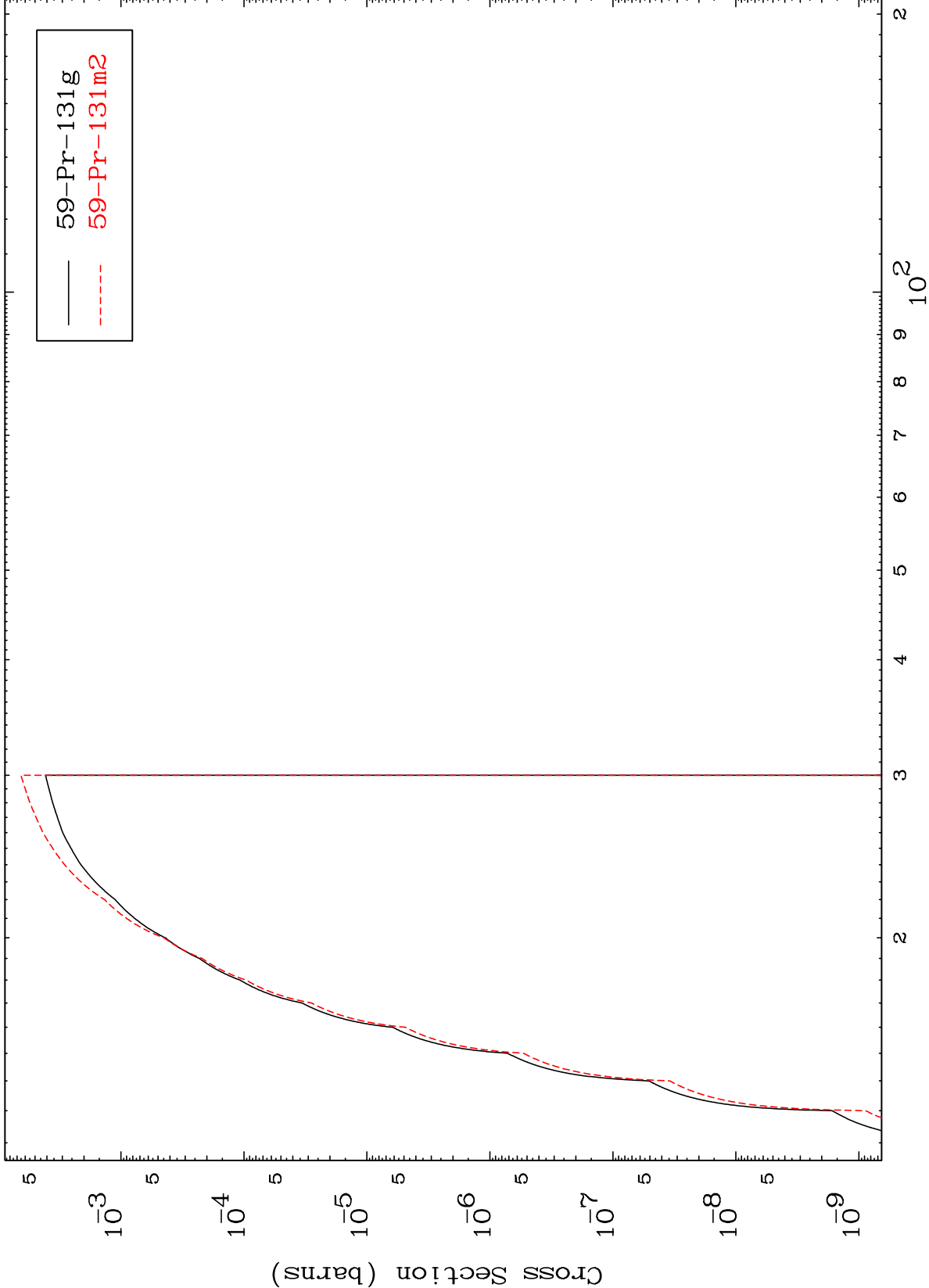




MAT 5810

58-Ce-131

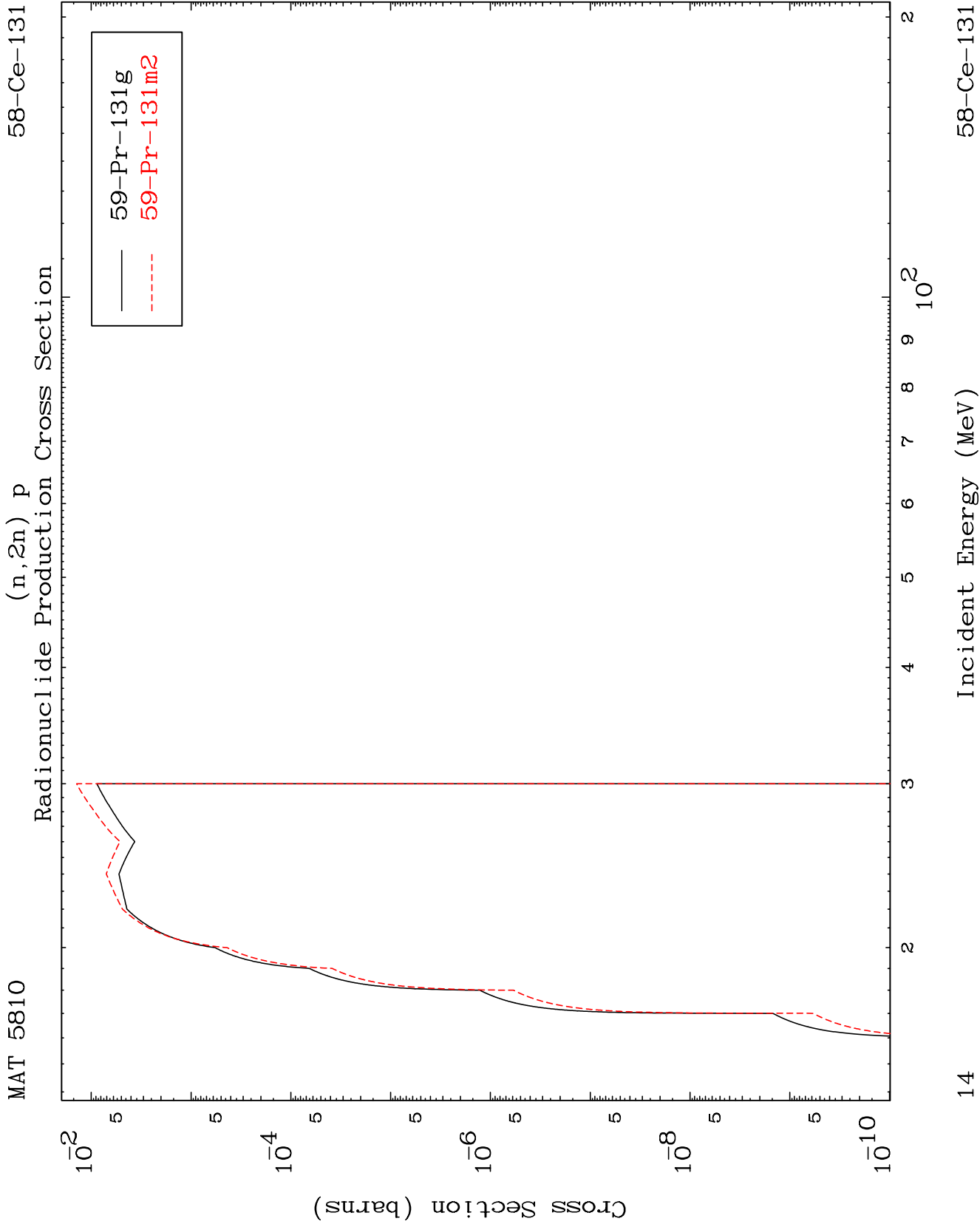
(n,n') d
Radionuclide Production Cross Section

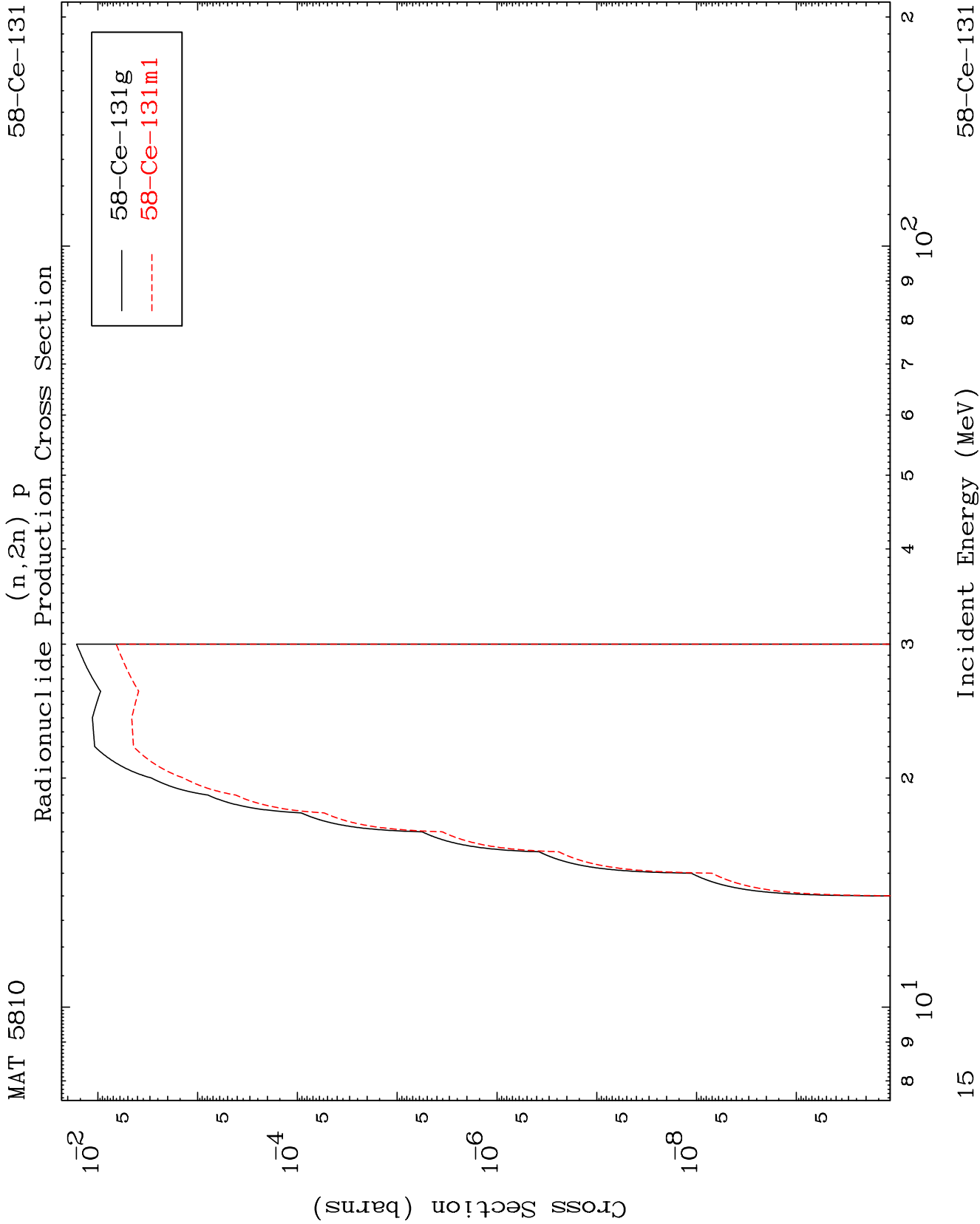


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Incident Energy (MeV)

58-Ce-131



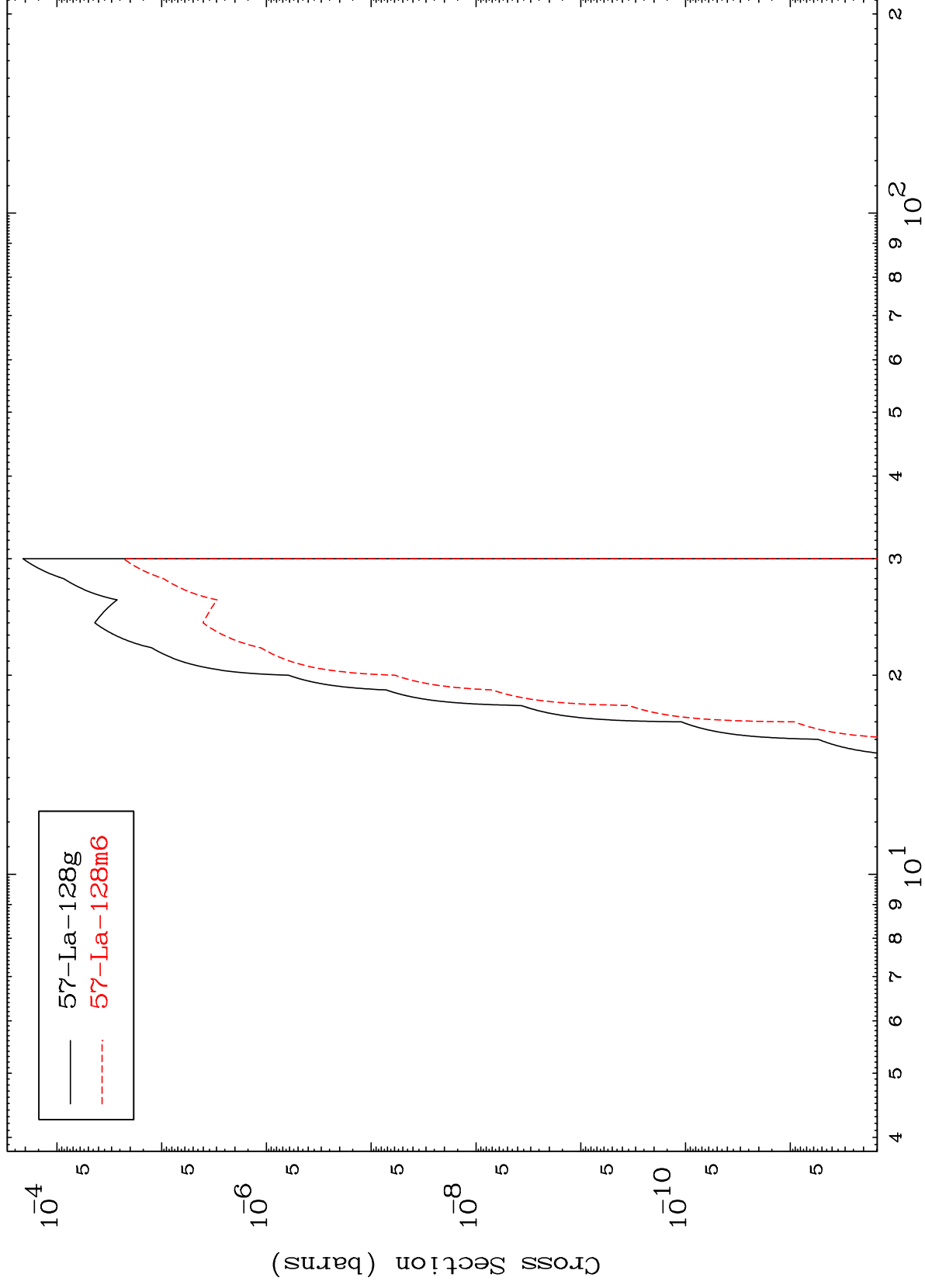


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58-Ce-131

(n,n') p α

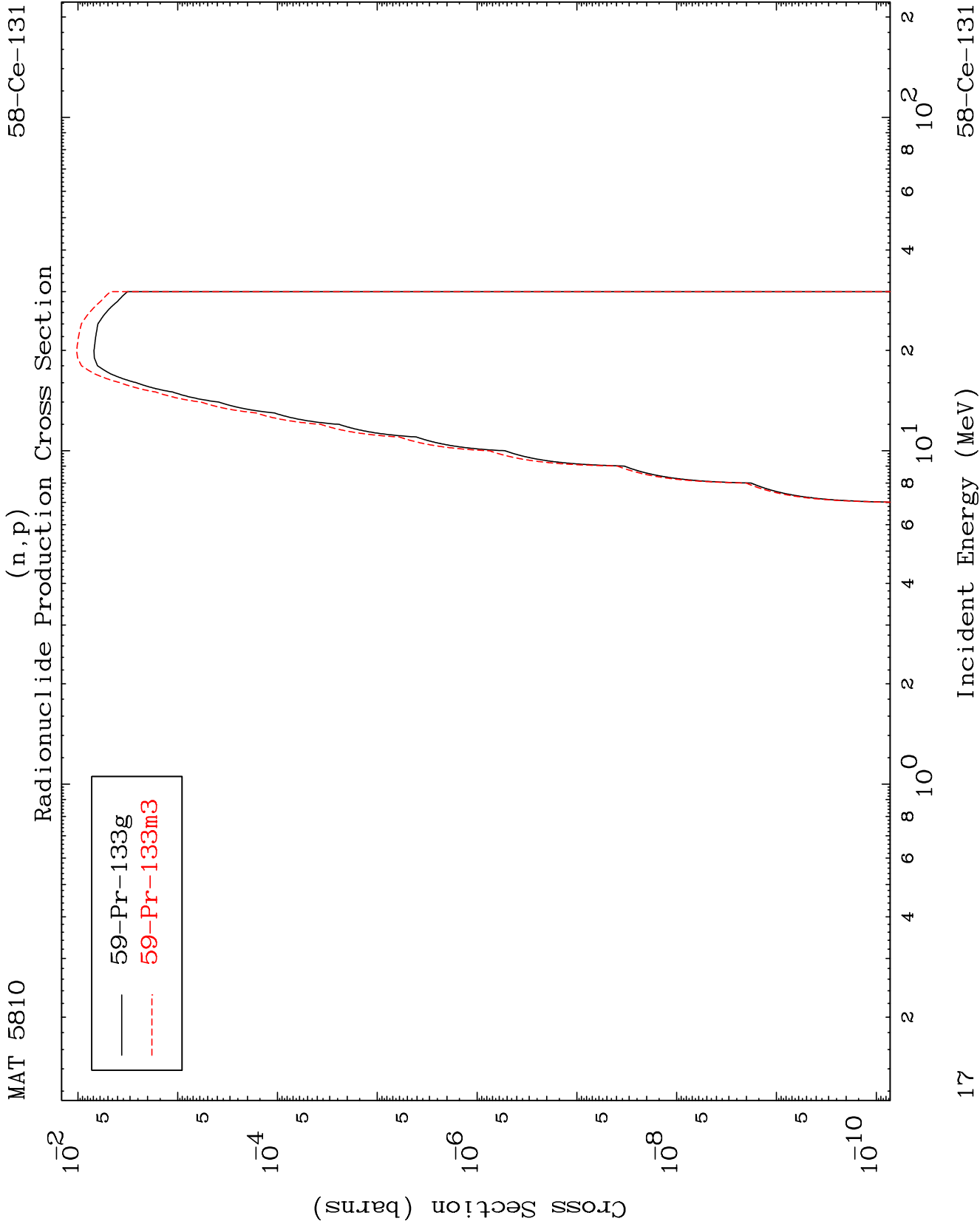
Radionuclide Production Cross Section

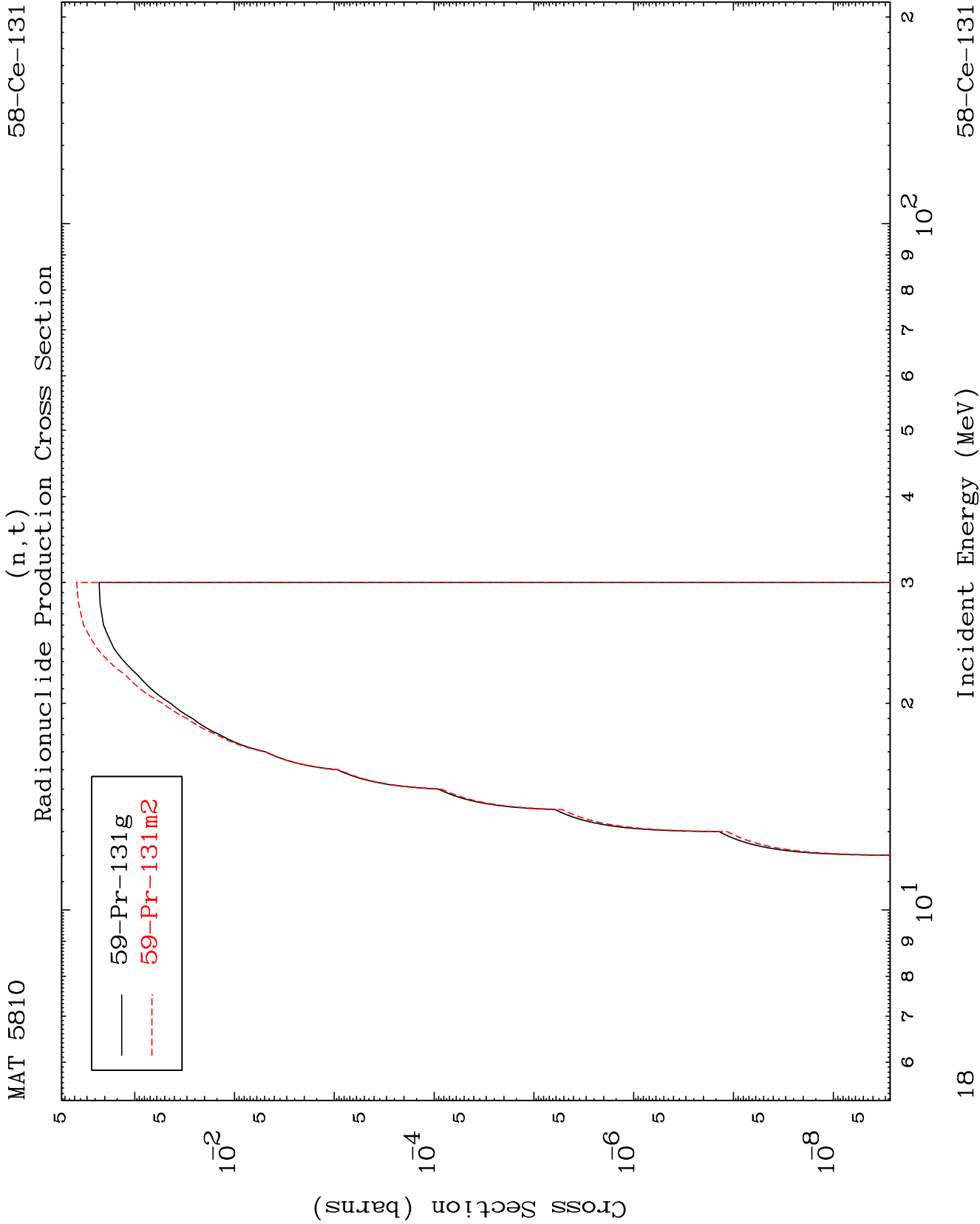


58-Ce-131

Incident Energy (MeV)

16



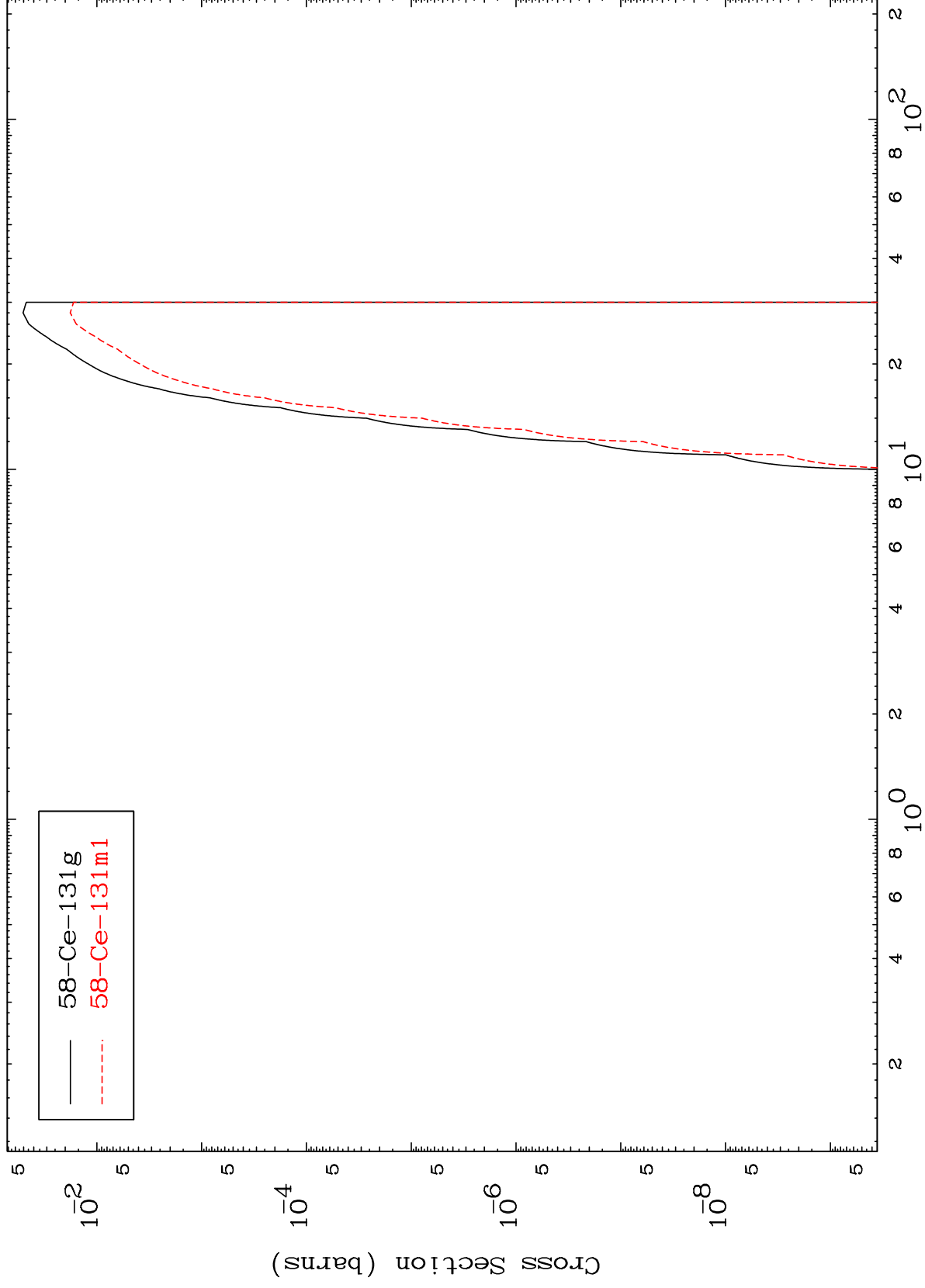


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(n,He-3)

58-Ce-131

Radionuclide Production Cross Section



19

Incident Energy (MeV)

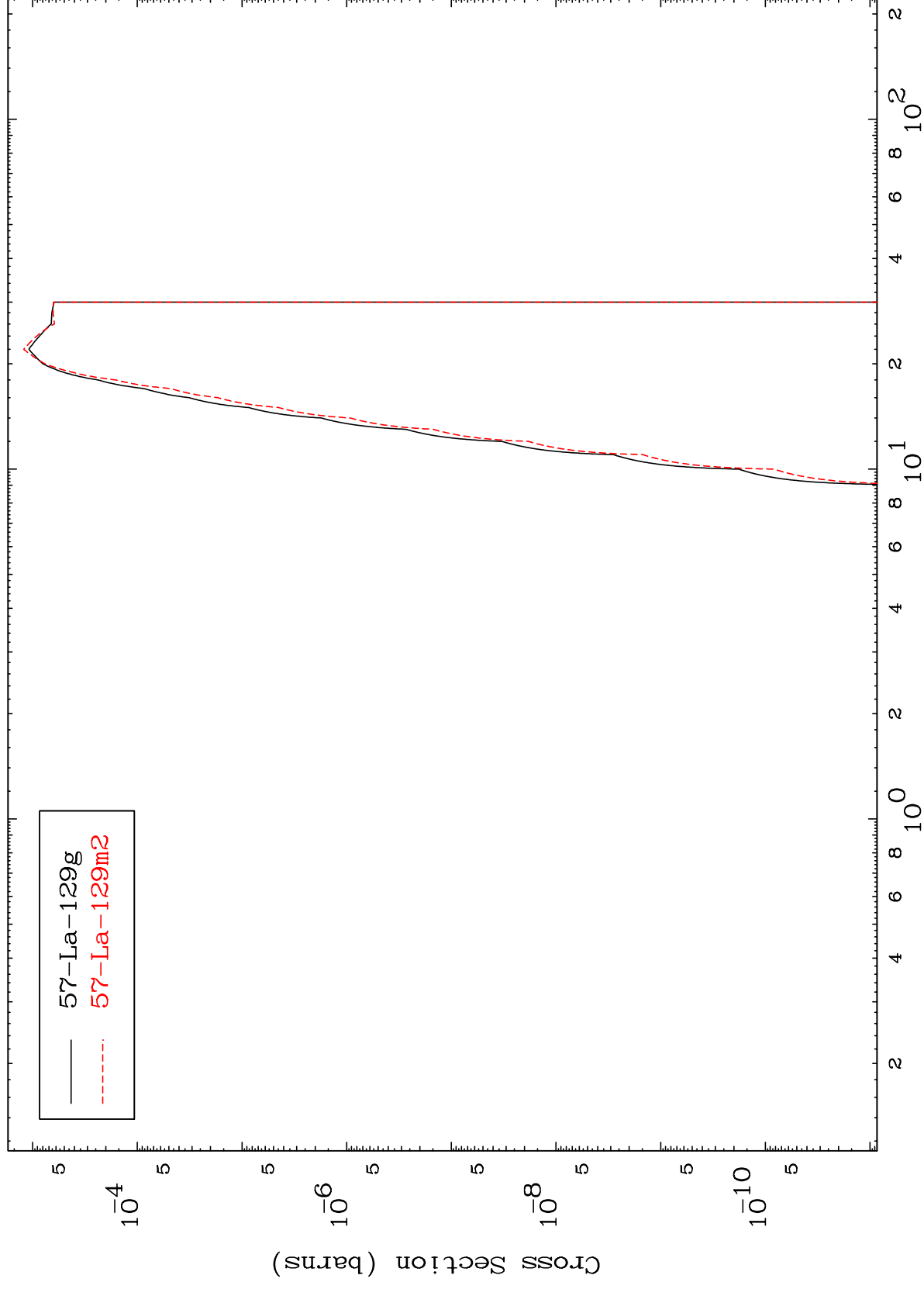
58-Ce-131

MAT 5810

$$(n, p) \propto$$

58-Ce-131

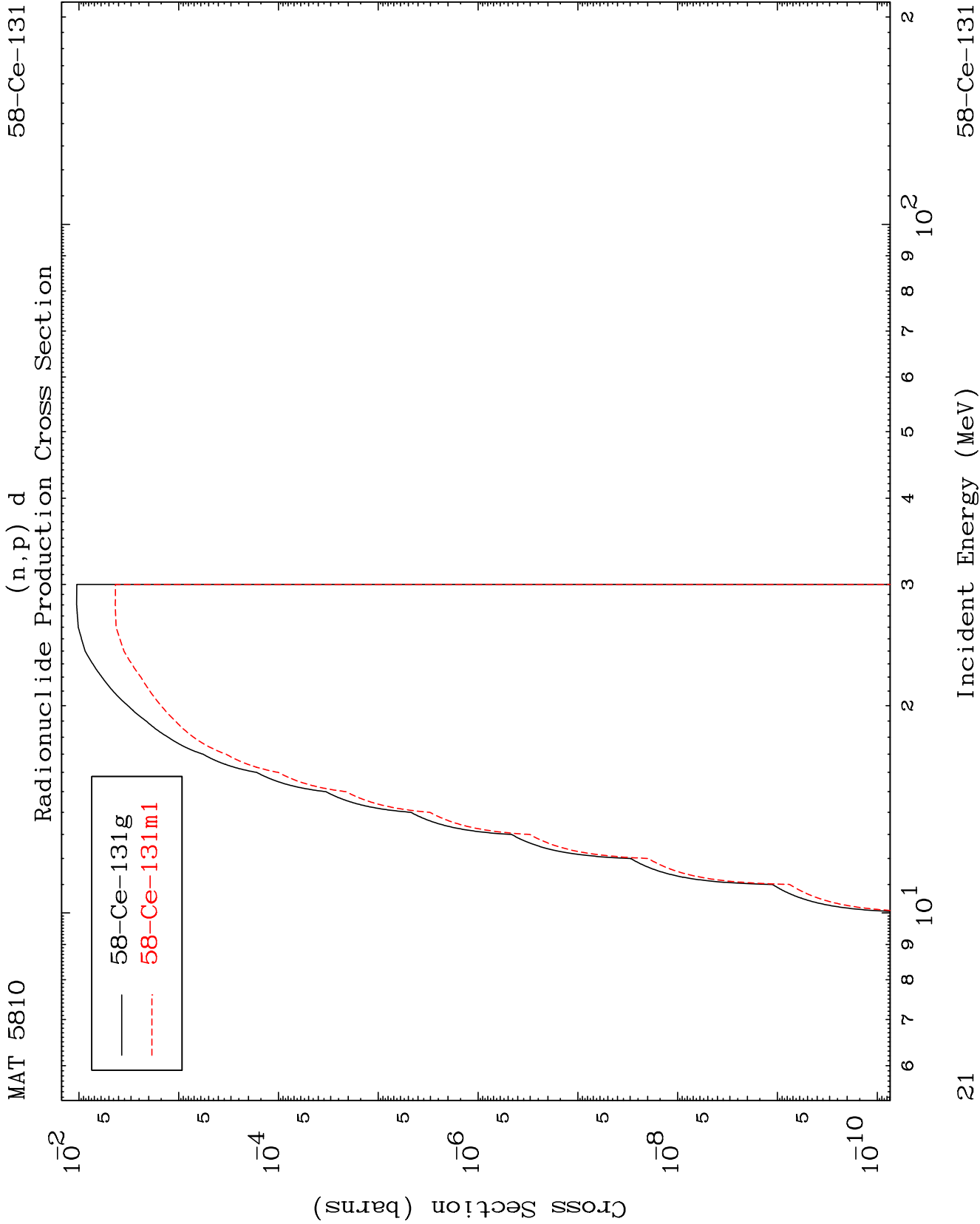
Radionuclide Production Cross Section



20

Incident Energy (MeV)

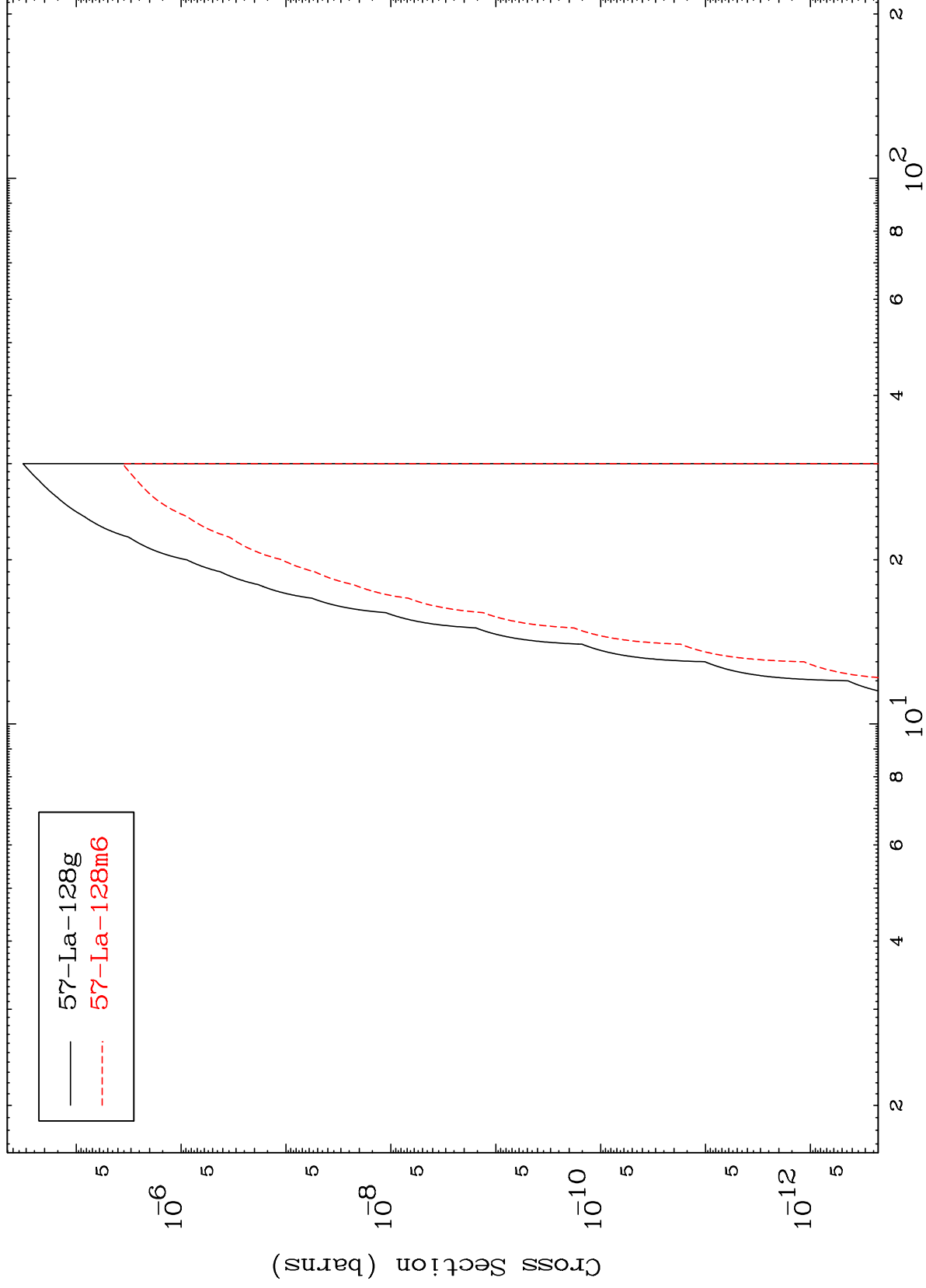
58-Ce-131



MAT 5810

58-Ce-131

(n,d) α
Radionuclide Production Cross Section



22

Incident Energy (MeV)

58-Ce-131