

Program EVALPLOT
(Version 2021-1)

by

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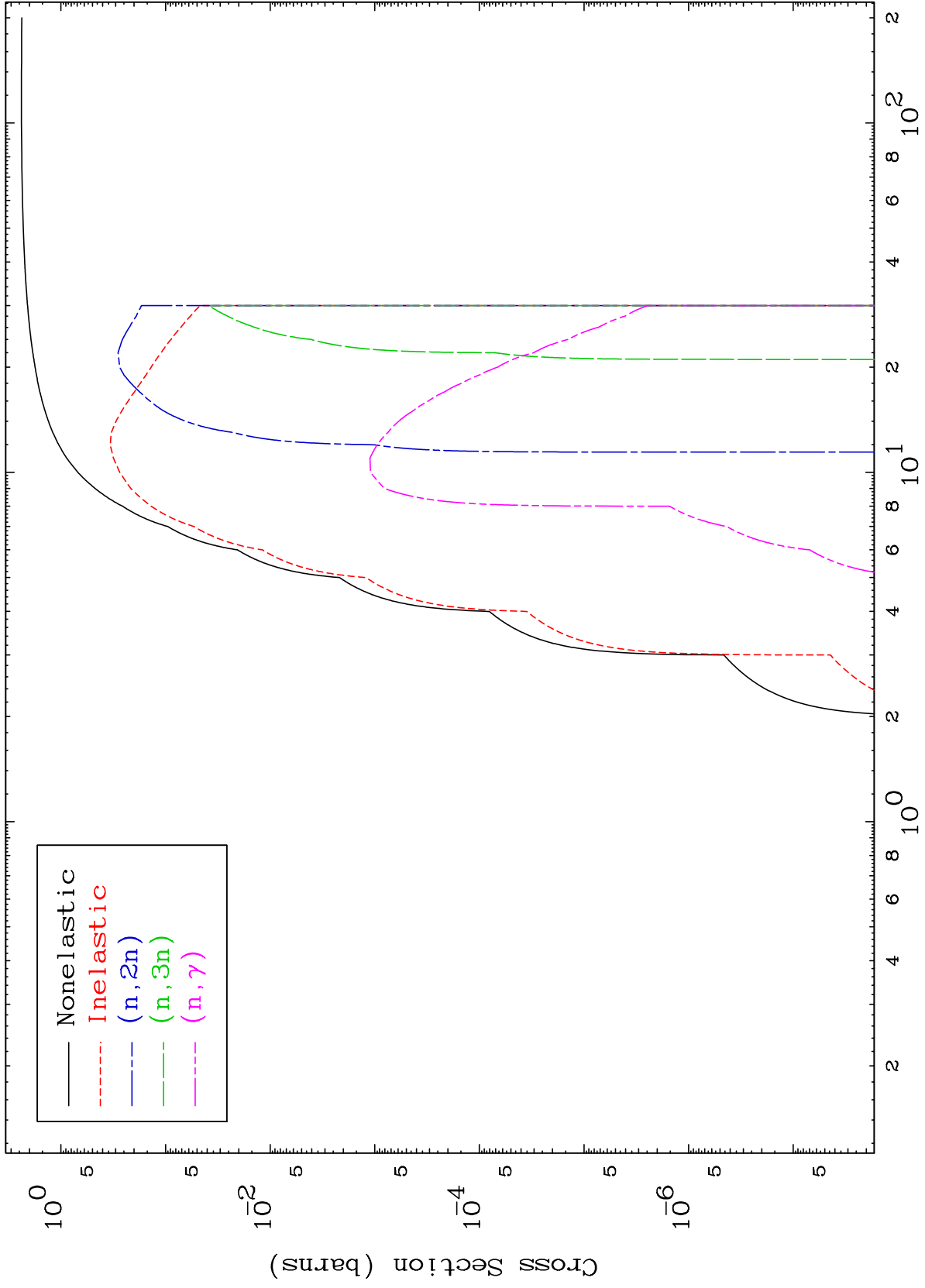
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5807

Deuteron Major
0 Kelvin Cross Sections

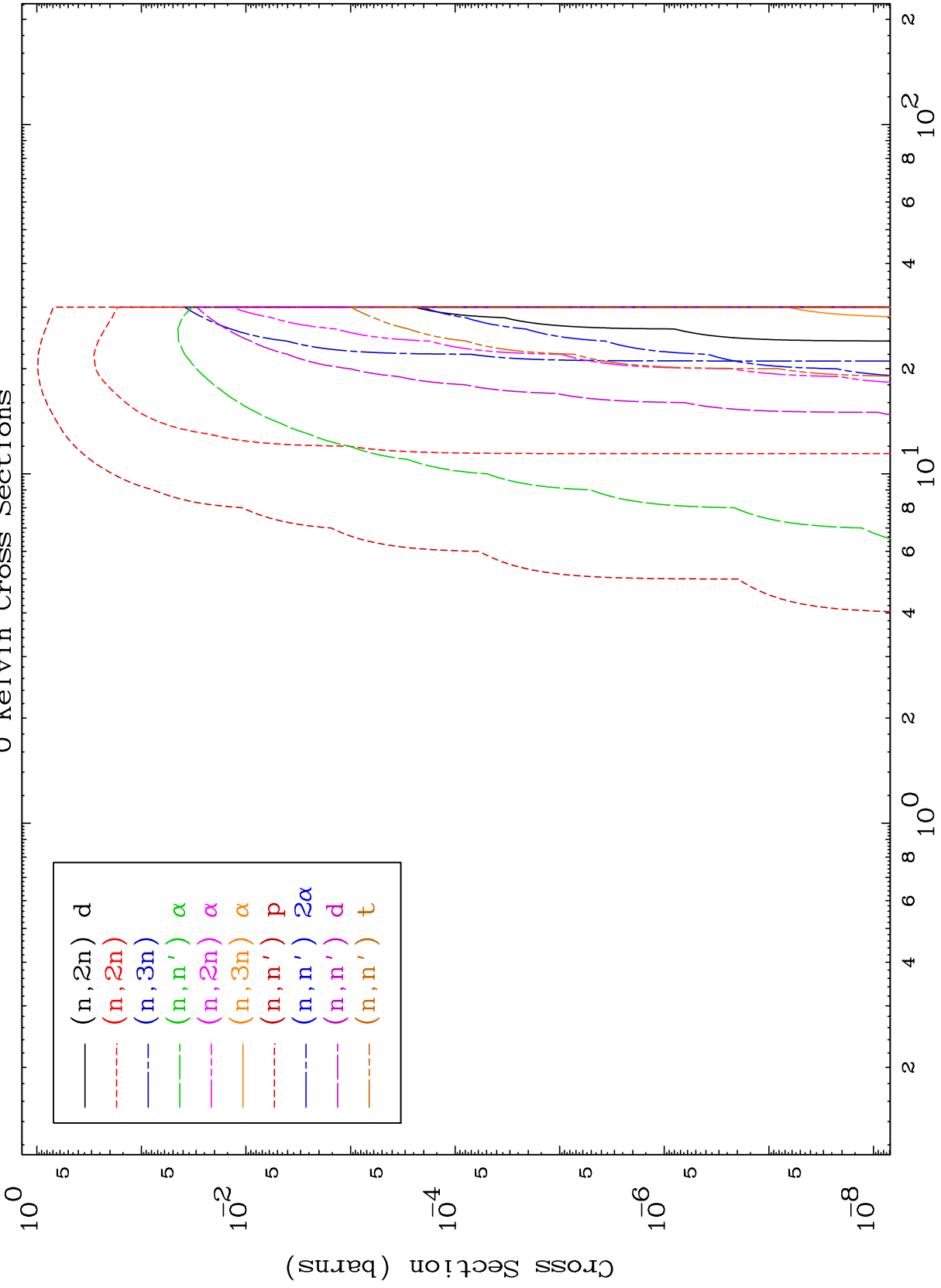
58-Ce-130

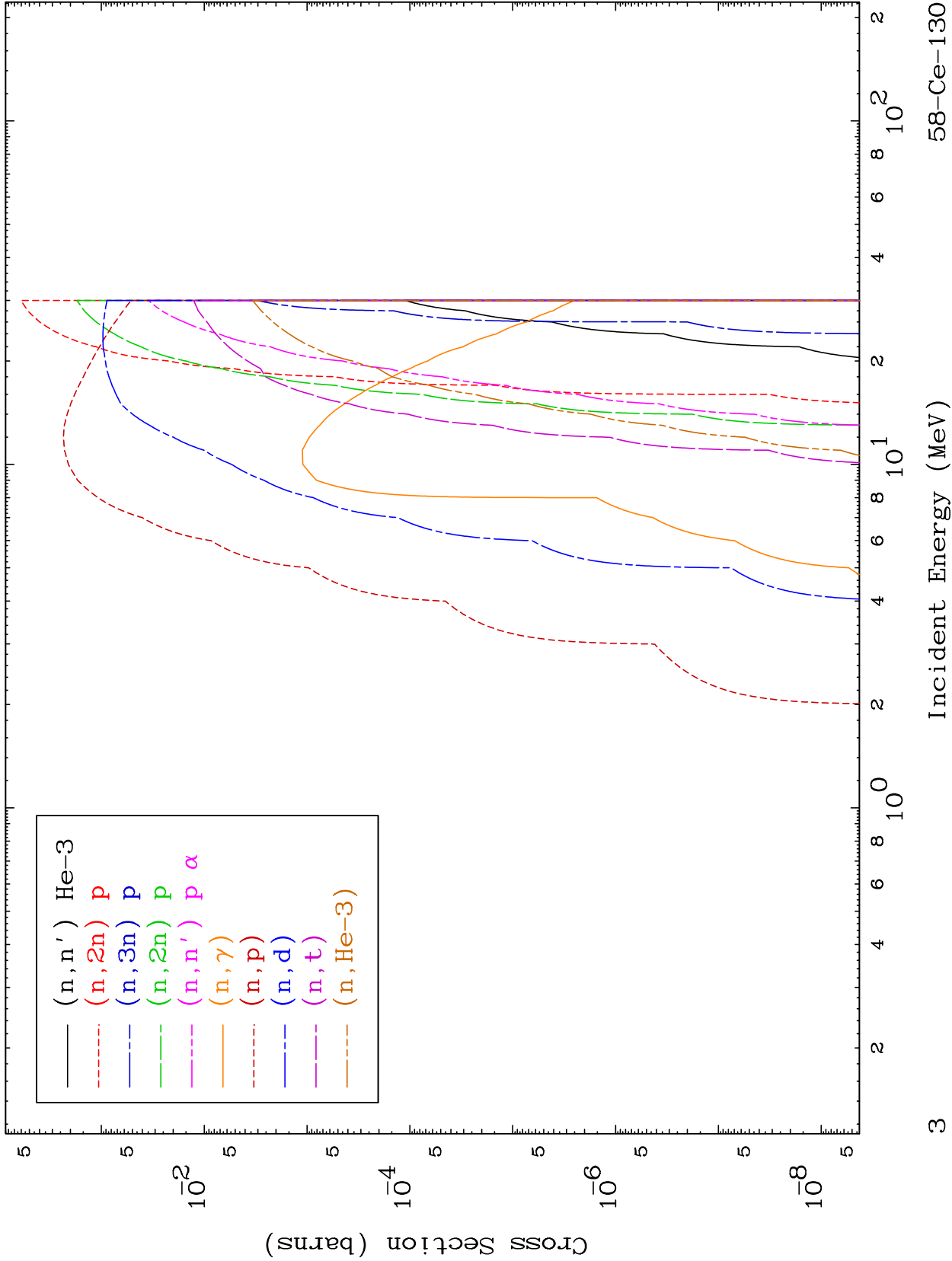


MAT 5807

Deuteron Neutron Absorption
0 Kelvin Cross Sections

58-Ce-130

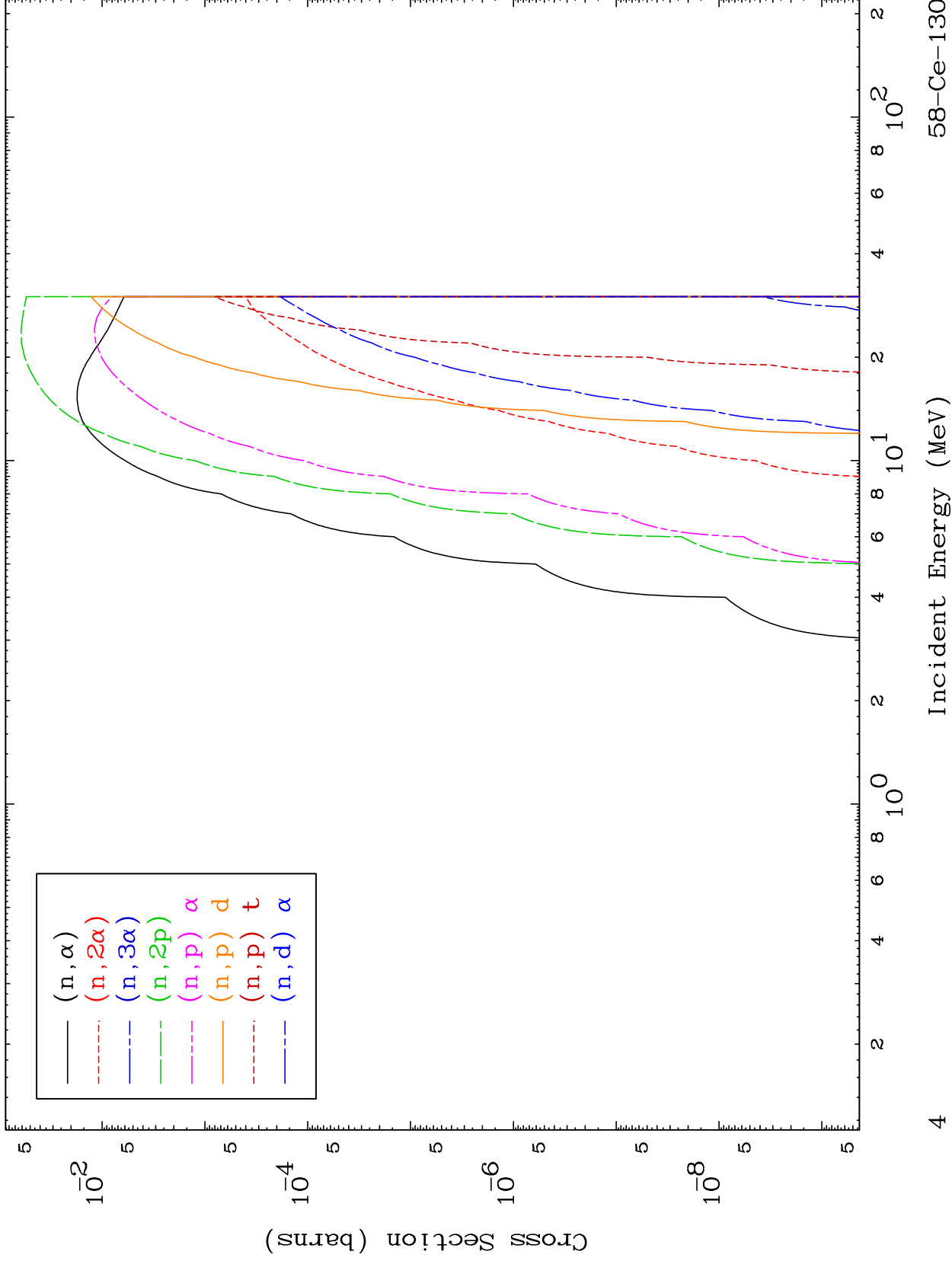


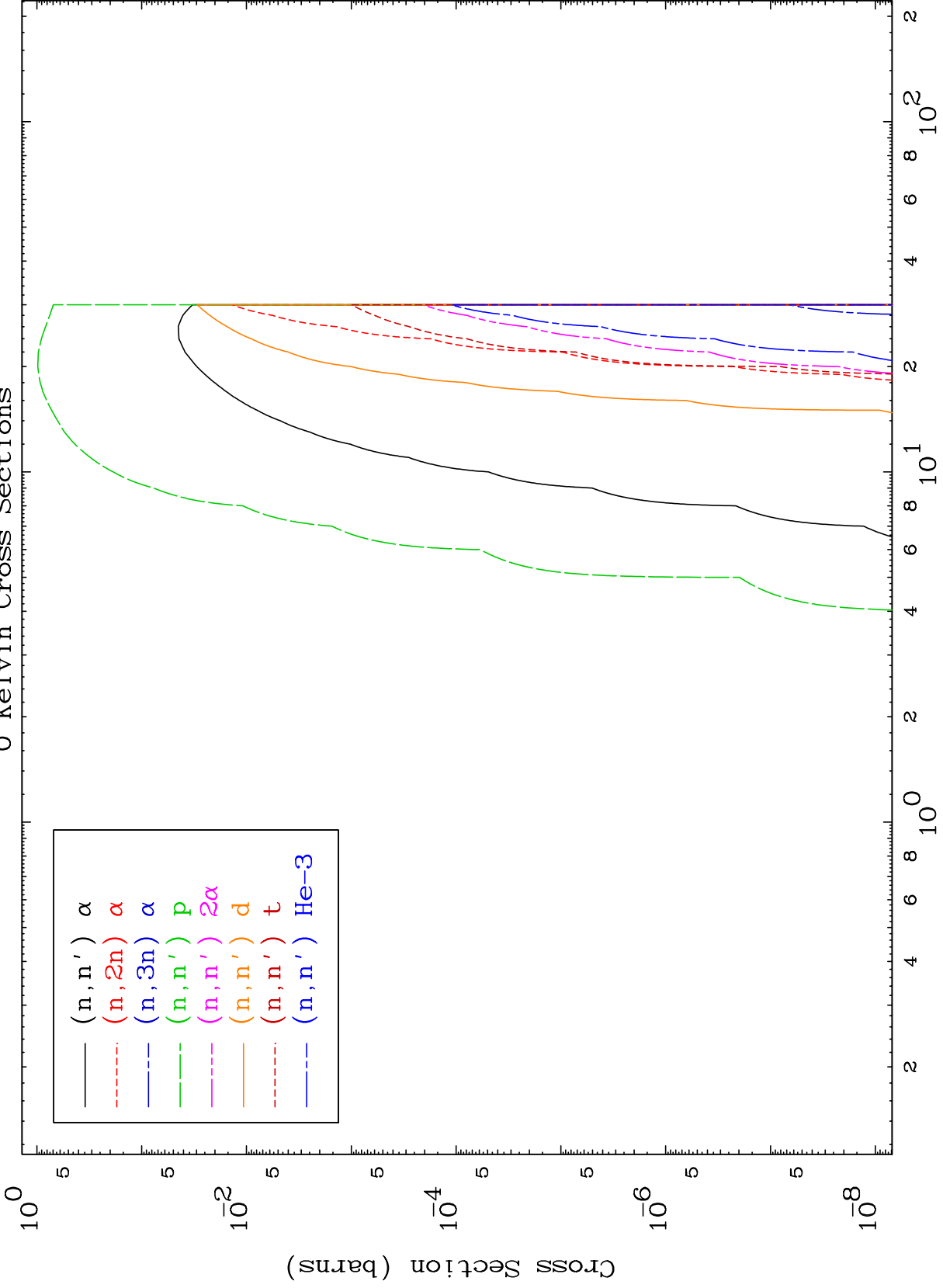


MAT 5807

Deuteron Neutron Absorption
0 Kelvin Cross Sections

58-Ce-130

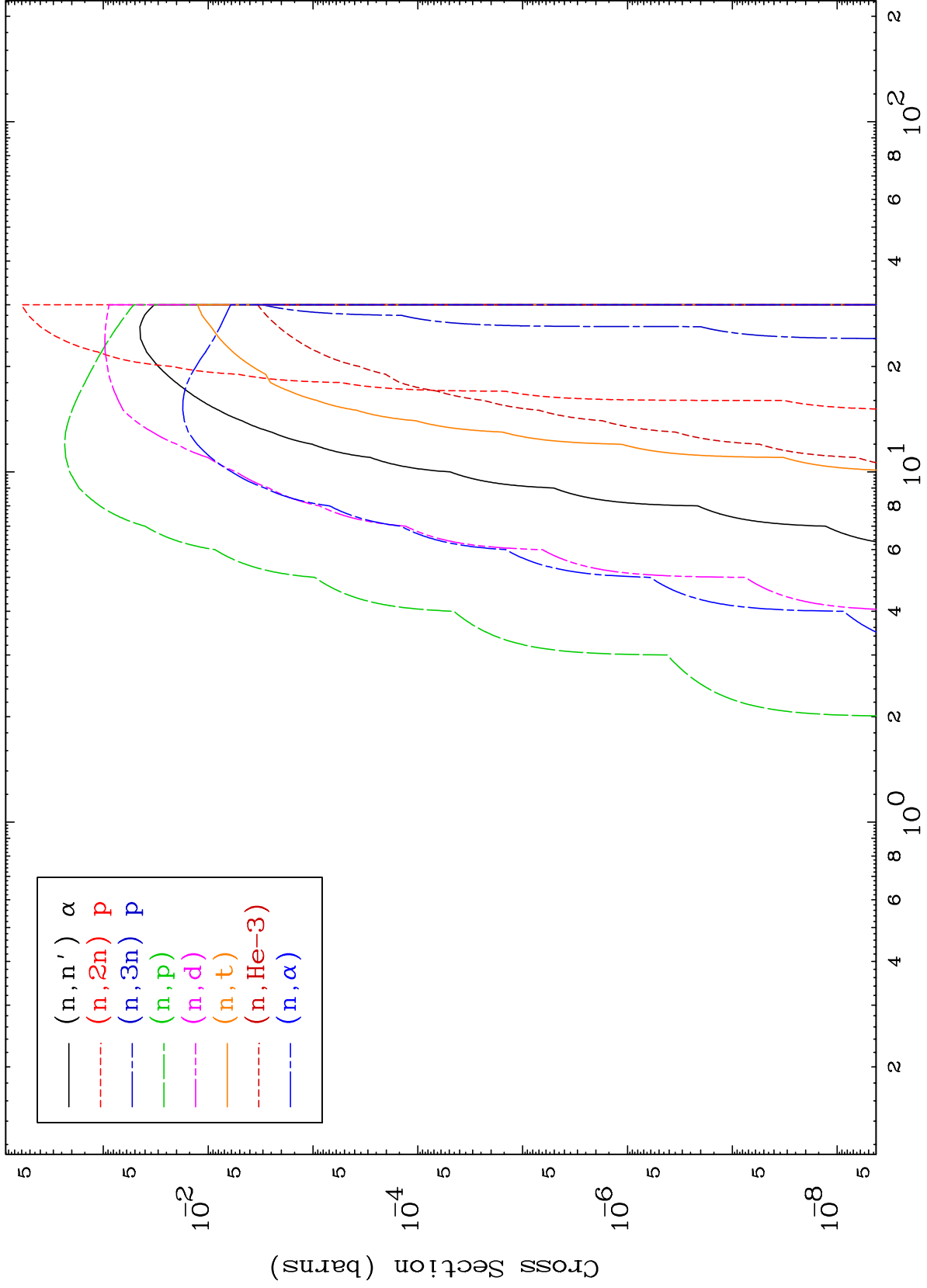




MAT 5807

Deuteron Charged Particle
0 Kelvin Cross Sections

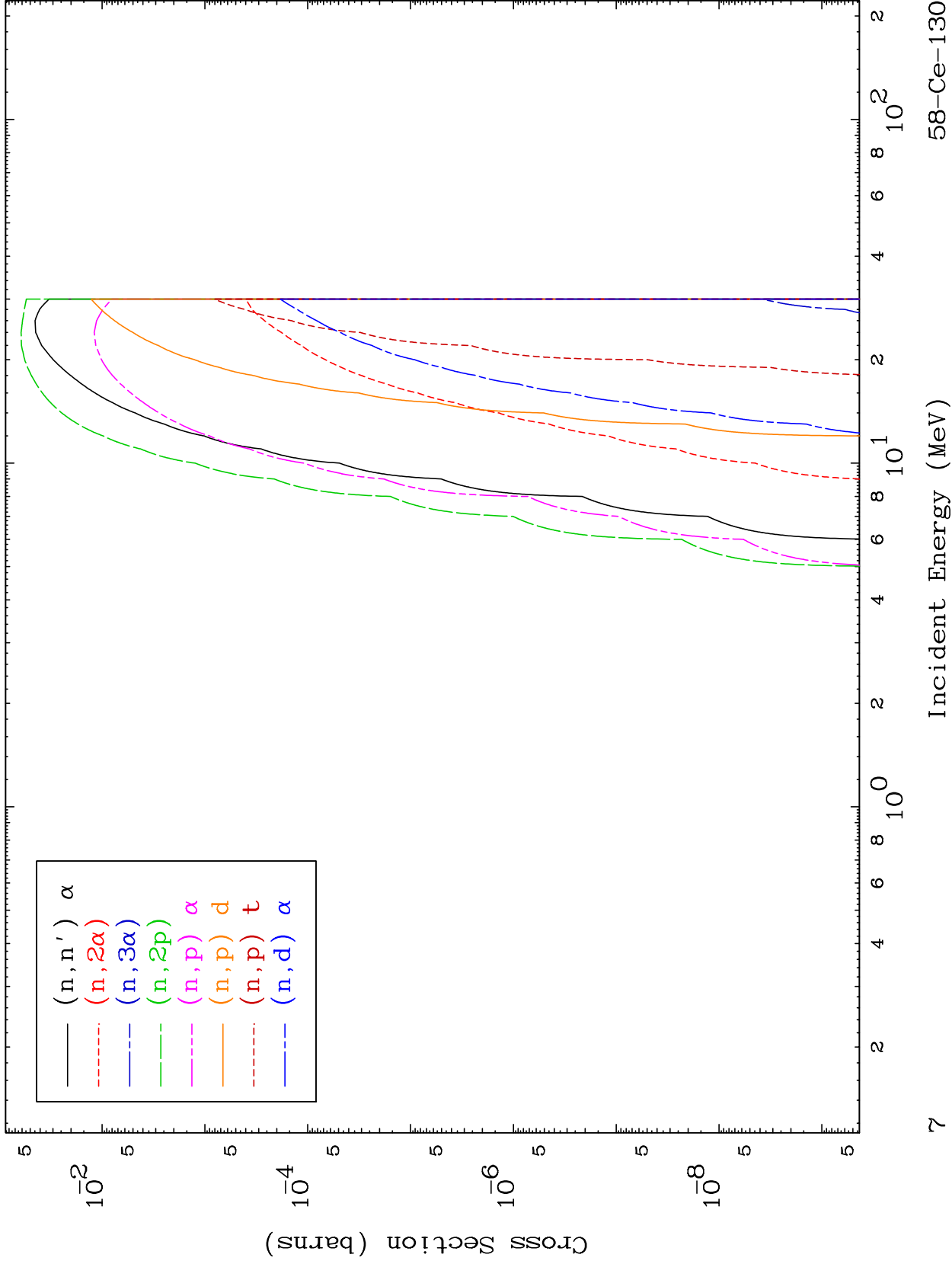
58-Ce-130



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Deuteron Charged Particle
0 Kelvin Cross Sections

58-Ce-130

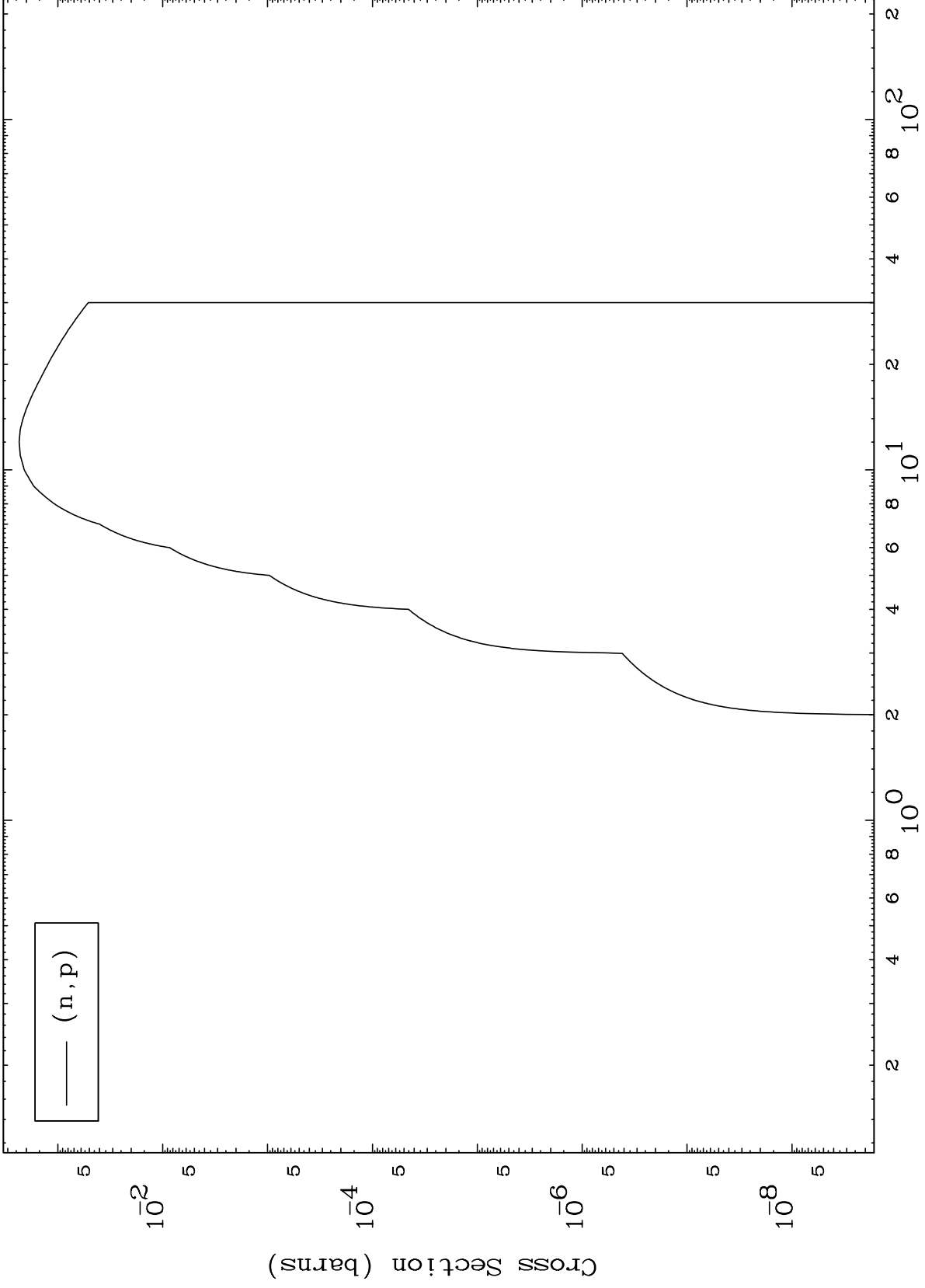


MAT 5807

(d,p) Levels

58-Ce-130

0 Kelvin Cross Sections

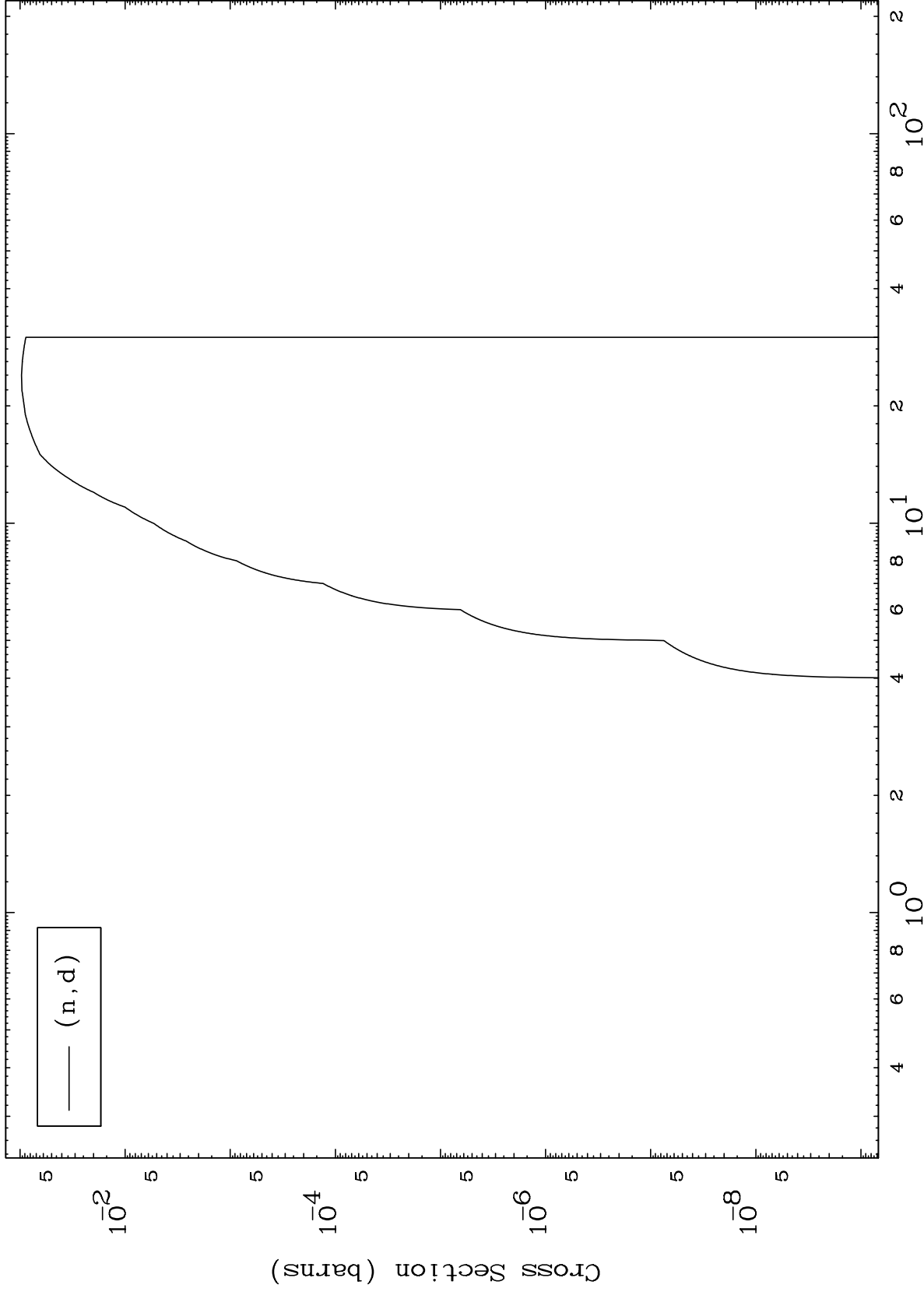


(n,p)

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(d,d) Levels
0 Kelvin Cross Sections

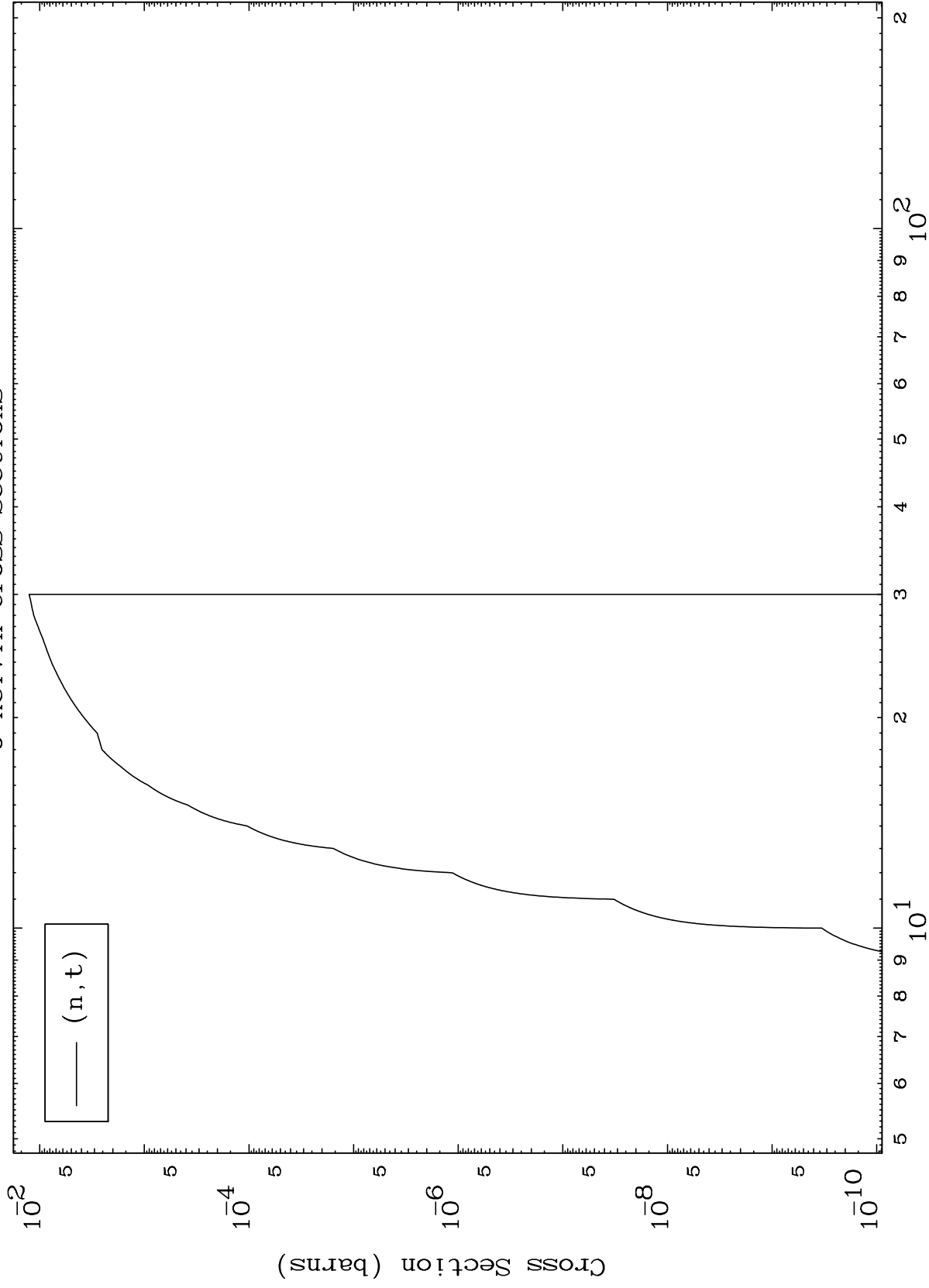
58-Ce-130



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(d,t) Levels
0 Kelvin Cross Sections

58-Ce-130



10

Incident Energy (MeV)

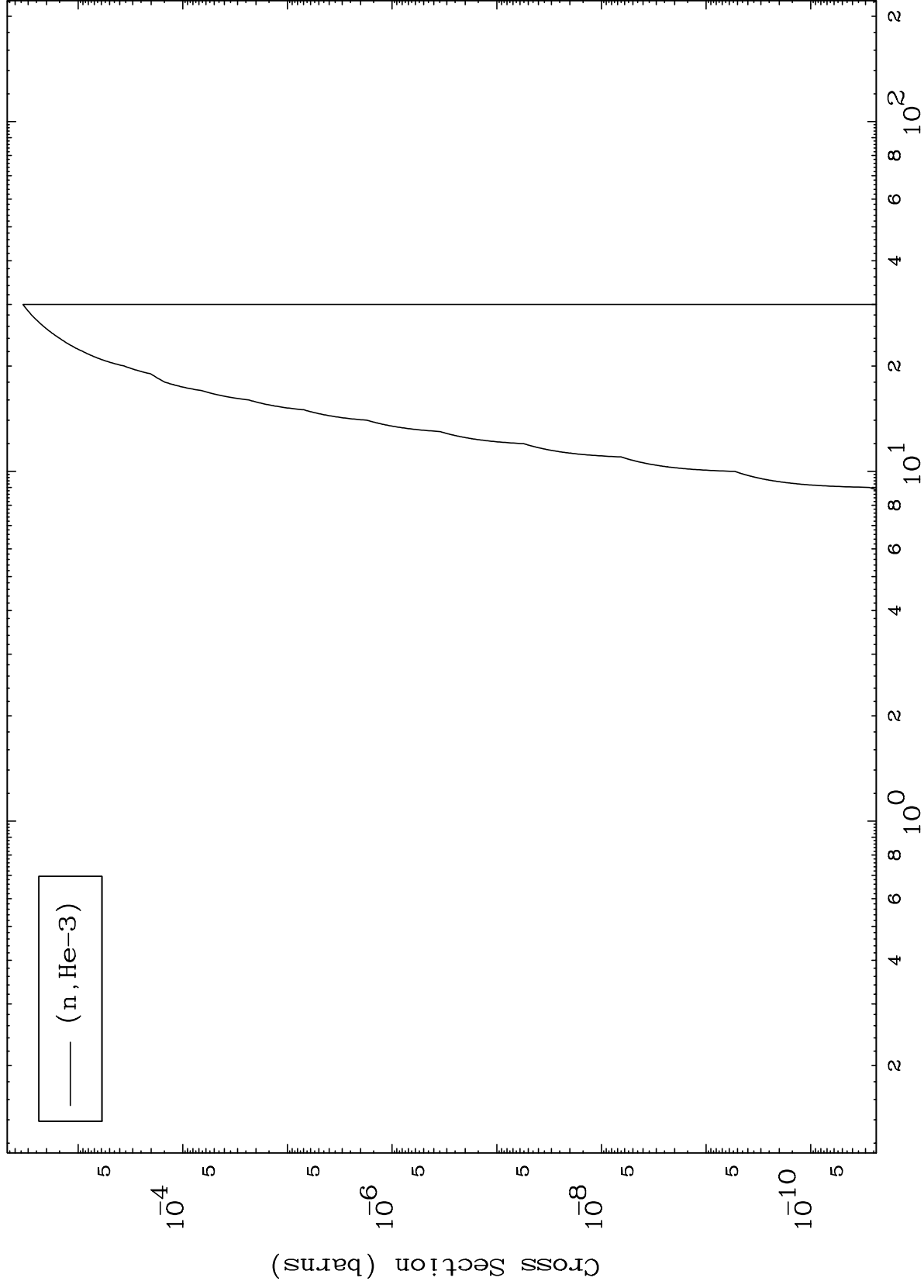
58-Ce-130

MAT 5807

(d,He3) Levels

58-Ce-130

0 Kelvin Cross Sections

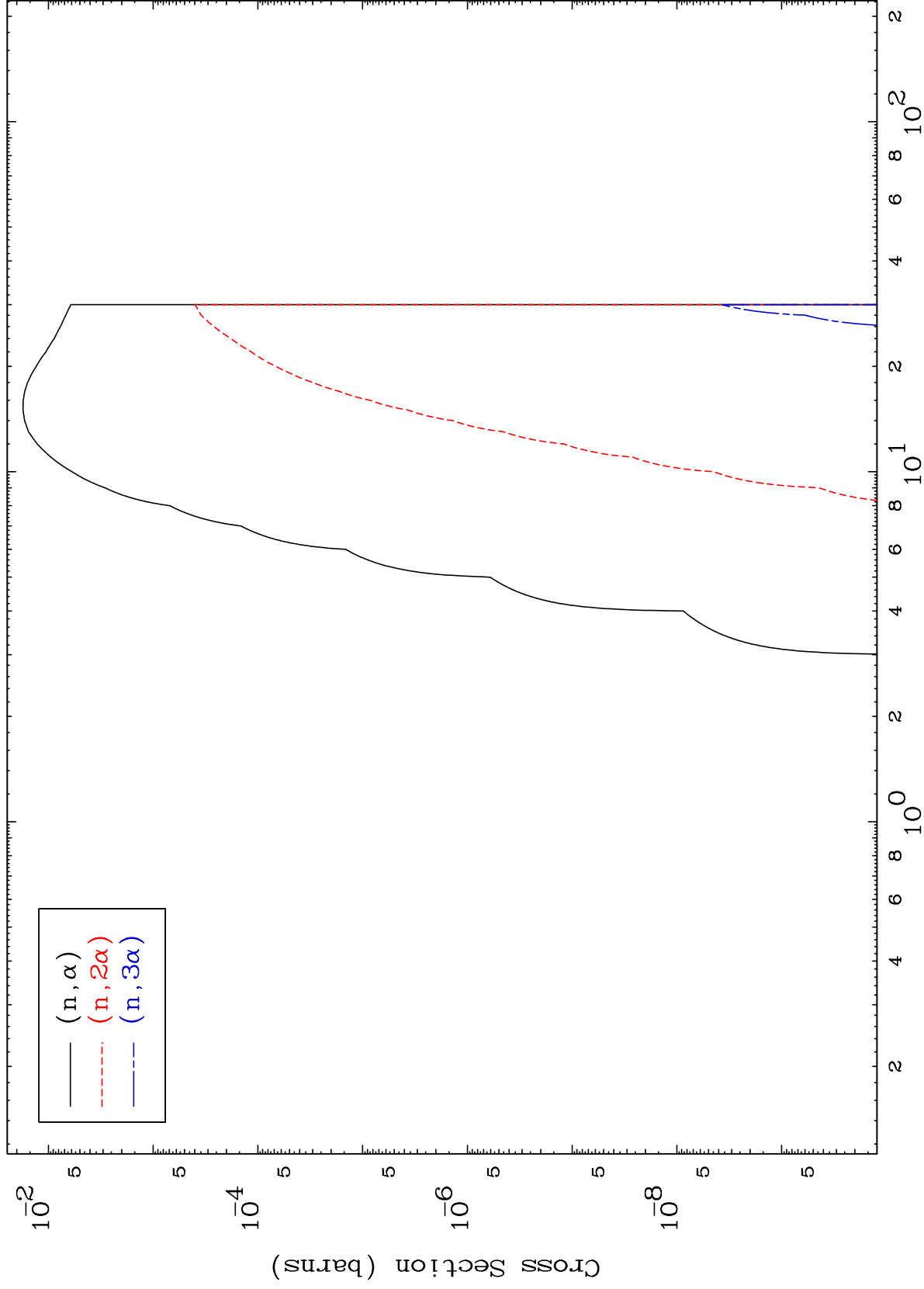


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(d, α) Levels

58-Ce-130

0 Kelvin Cross Sections



12

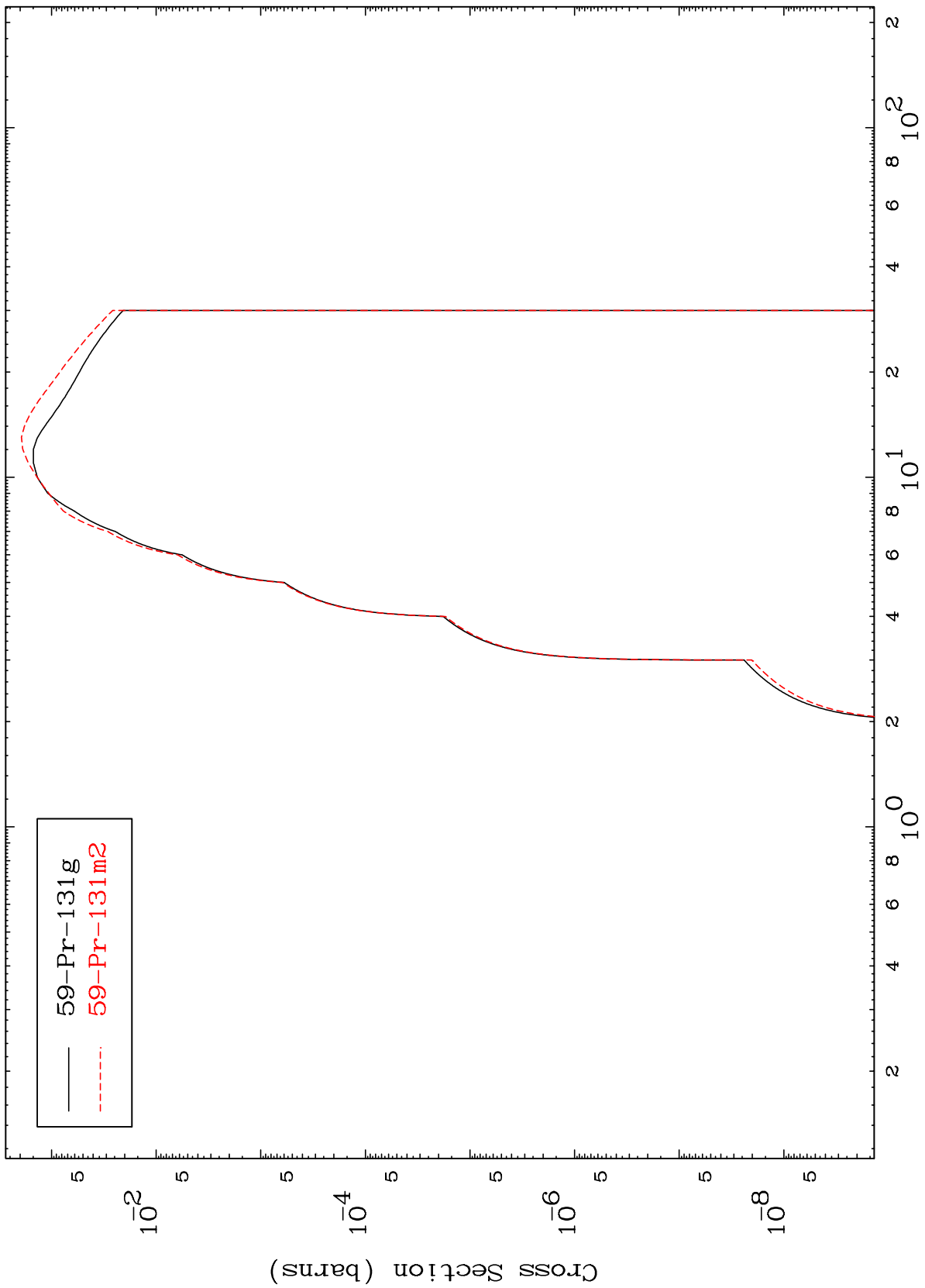
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

Inelastic
Radionuclide Production Cross Section



58-Ce-130

Incident Energy (MeV)

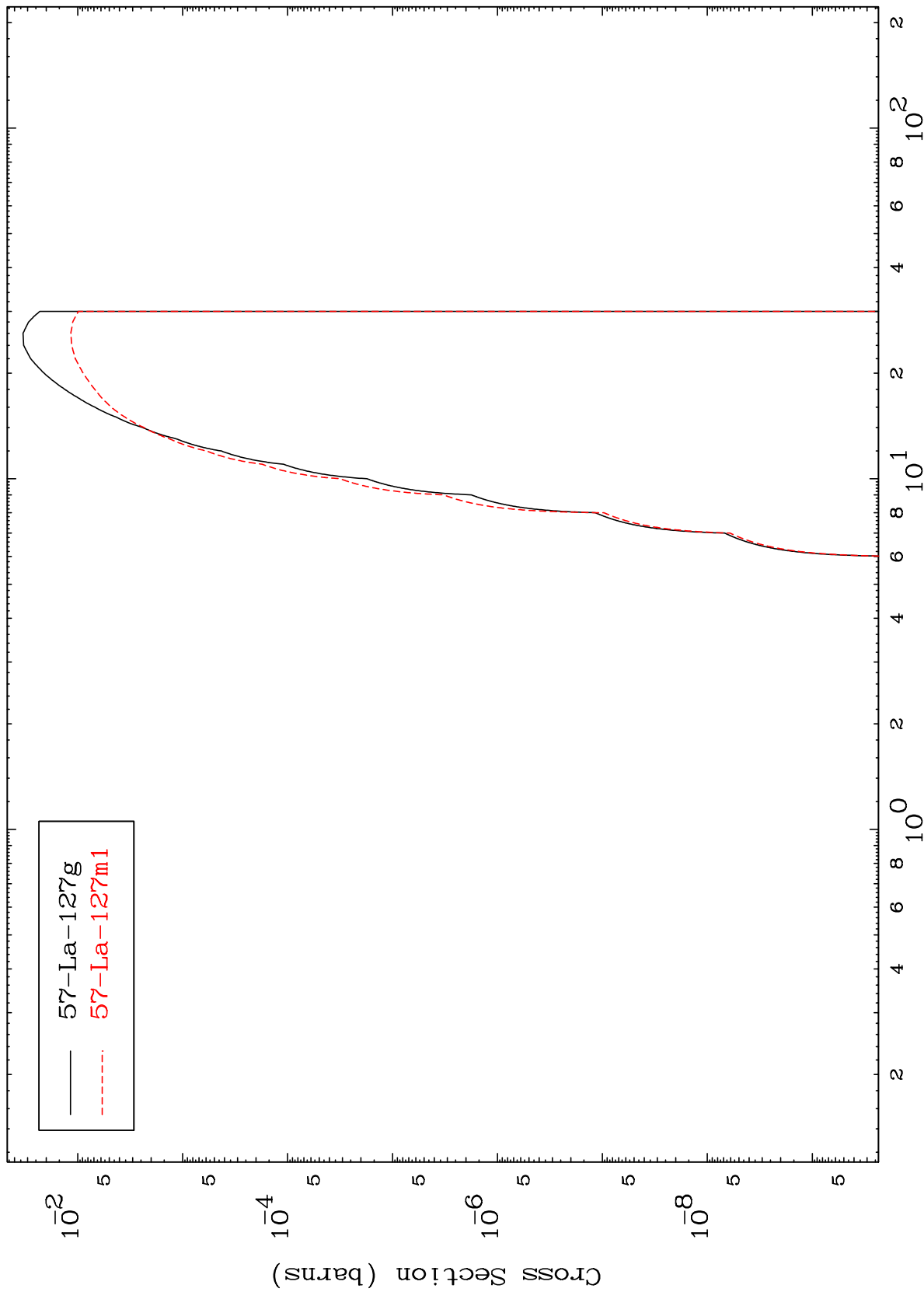
13

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$(n, n') \alpha$

58-Ce-130

Radionuclide Production Cross Section

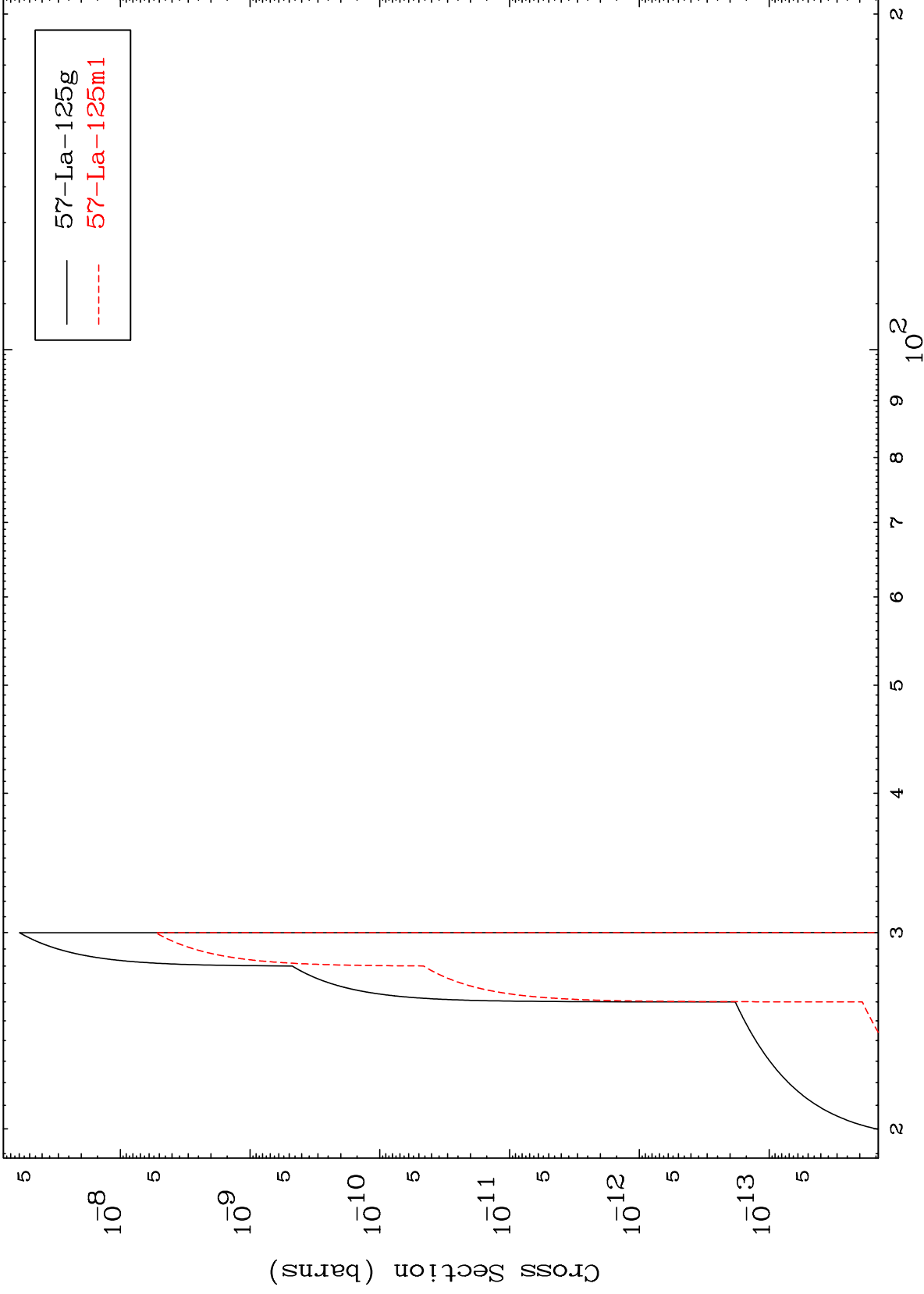


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(n,3n) α

58-Ce-130

Radionuclide Production Cross Section



15

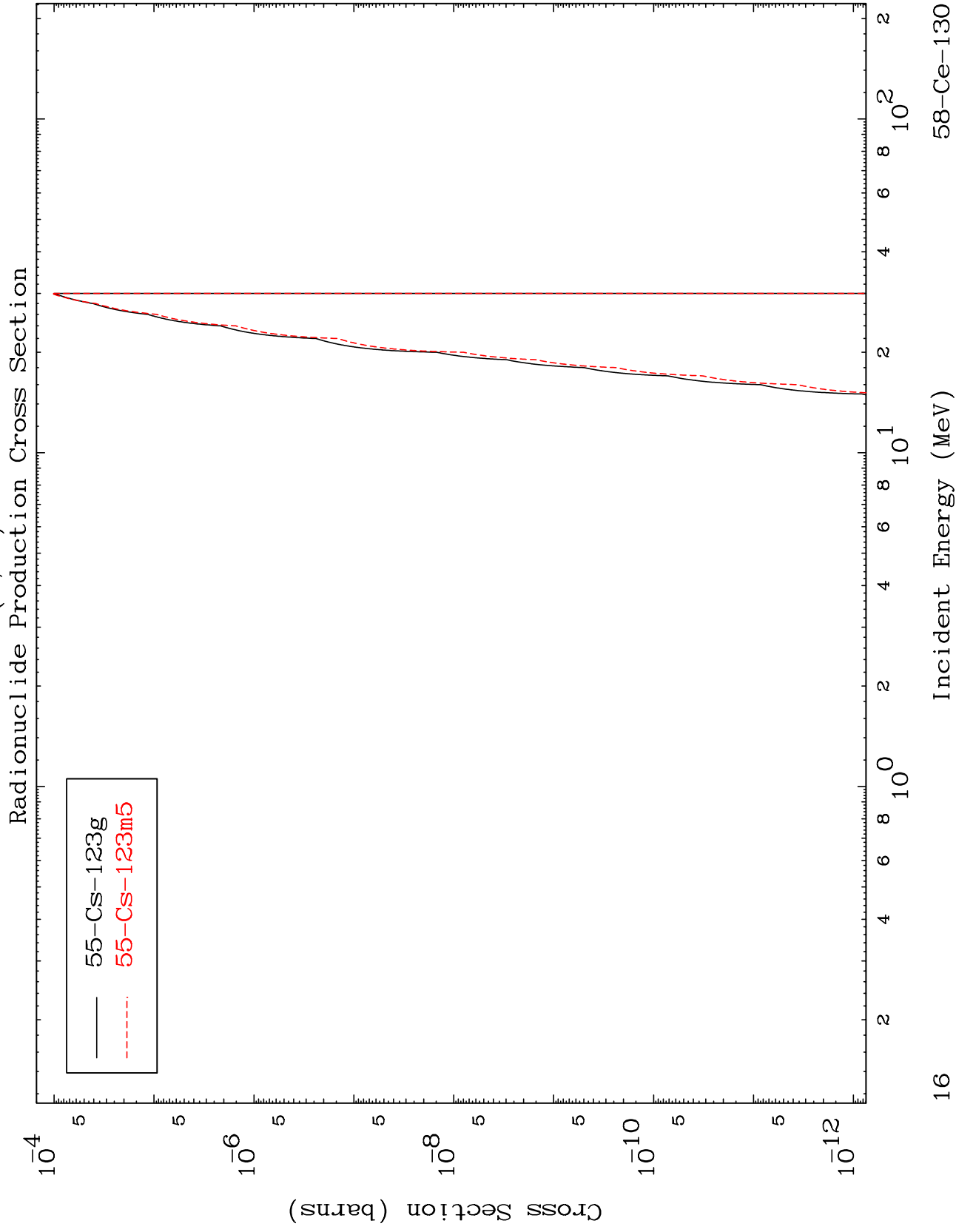
Incident Energy (MeV)

58-Ce-130

MAT 5807

(n,n') 2 α

58-Ce-130



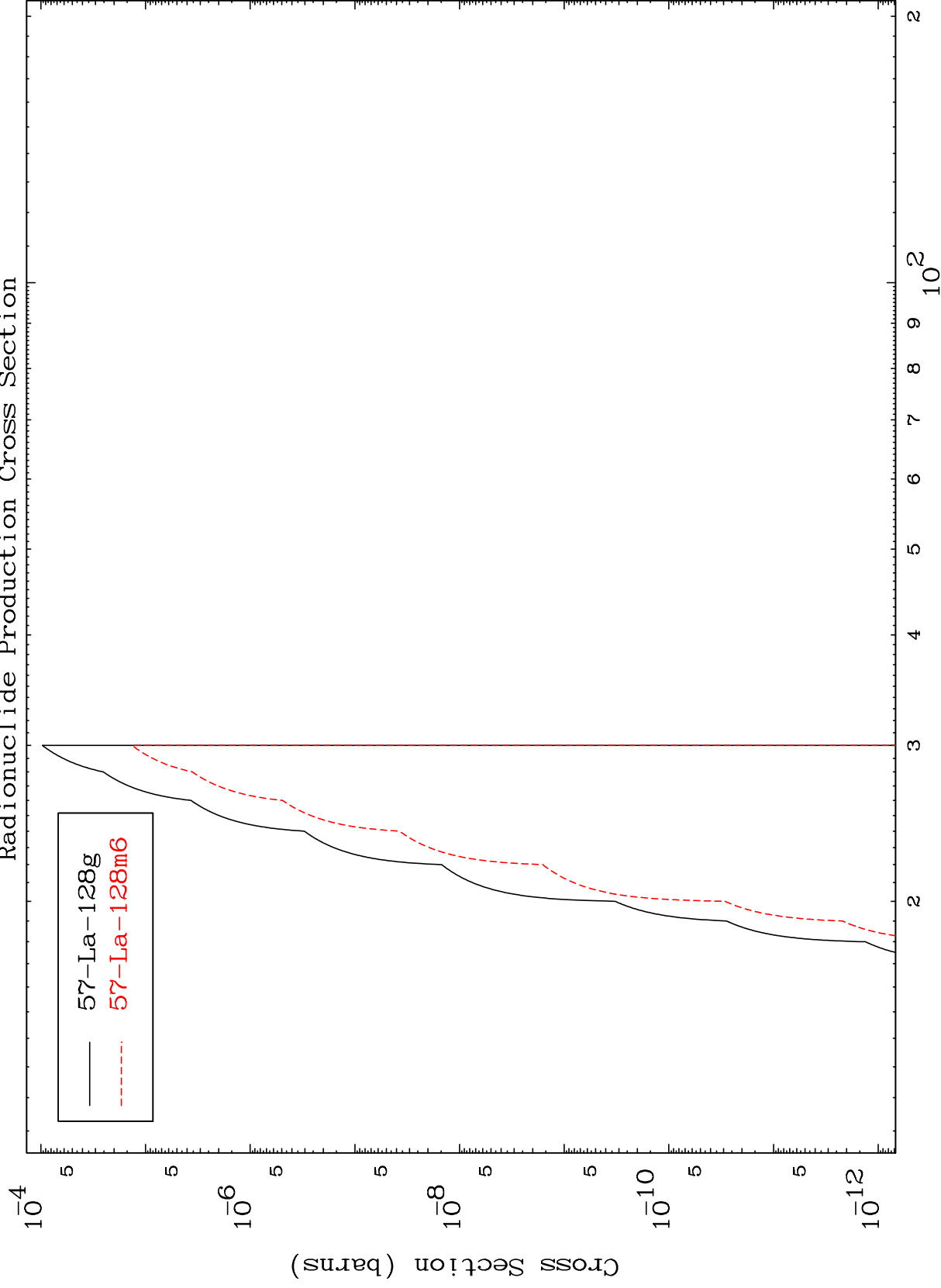
16

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(n,n') He-3

58-Ce-130

Radionuclide Production Cross Section



Incident Energy (MeV)

58-Ce-130

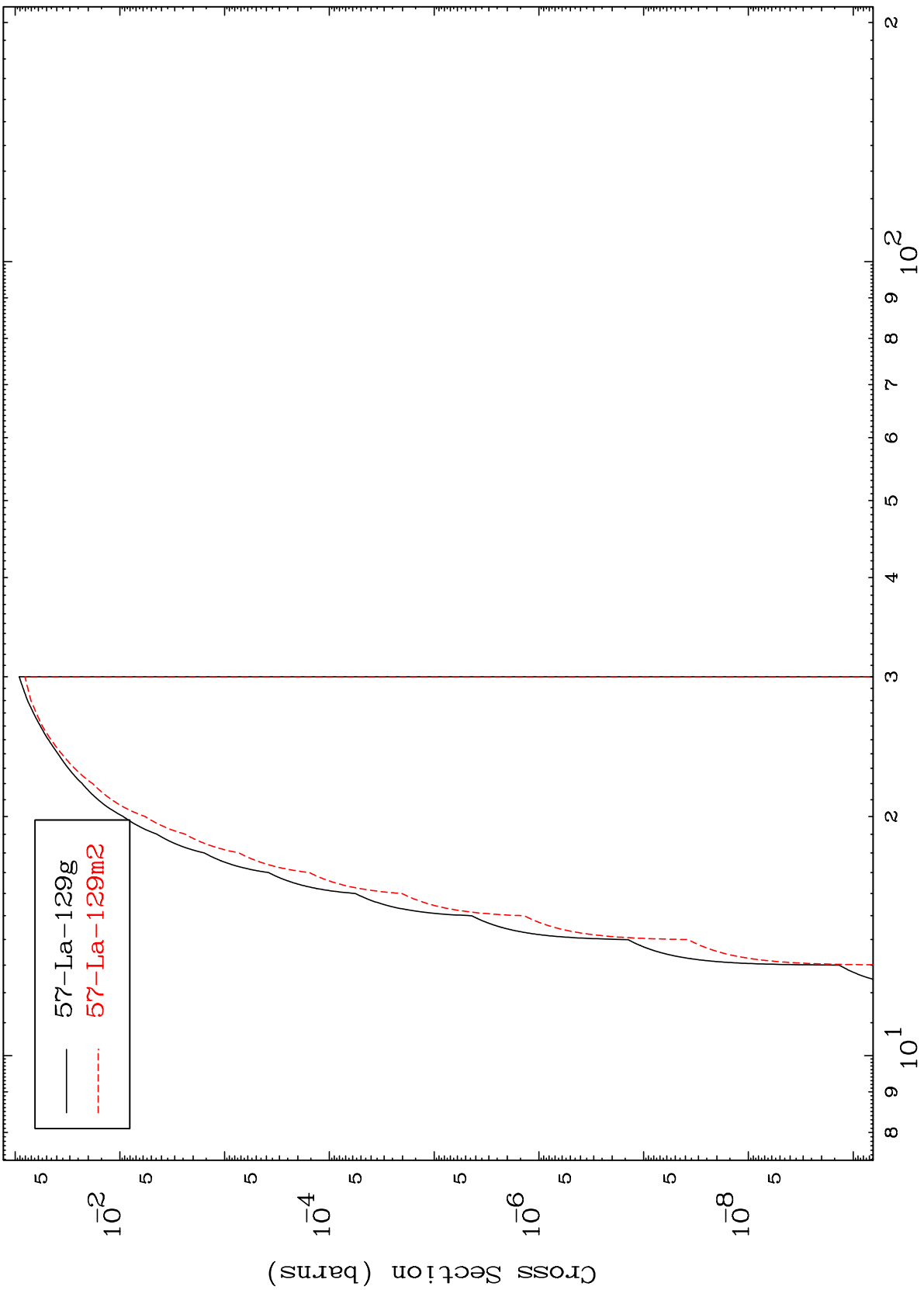
17

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(n,2n) p

58-Ce-130

Radionuclide Production Cross Section



57-La-129g
57-La-129m2

18

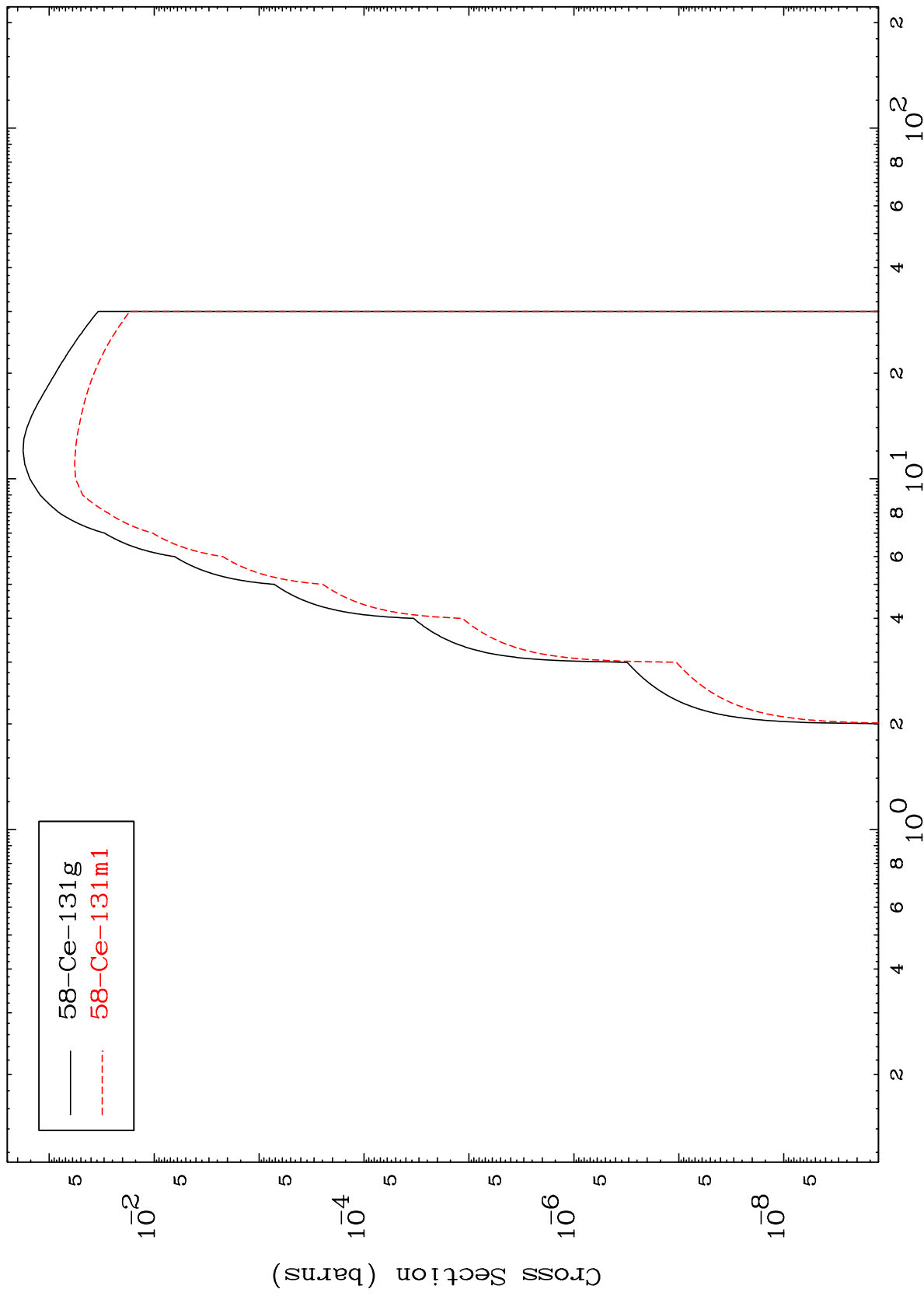
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

(n,p)
Radionuclide Production Cross Section



19

58-Ce-130

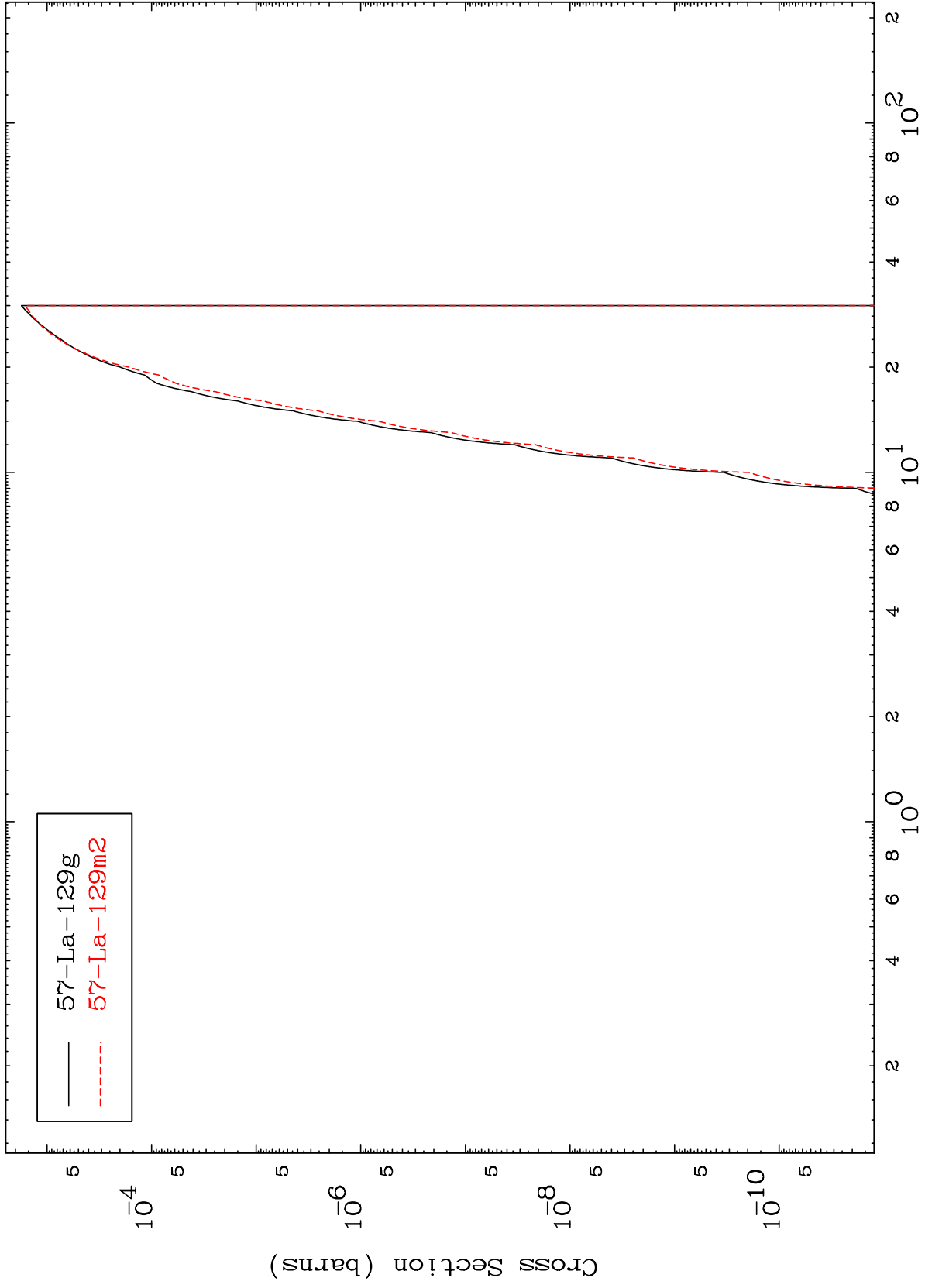
Incident Energy (MeV)

MAT 5807

(n,He-3)

58-Ce-130

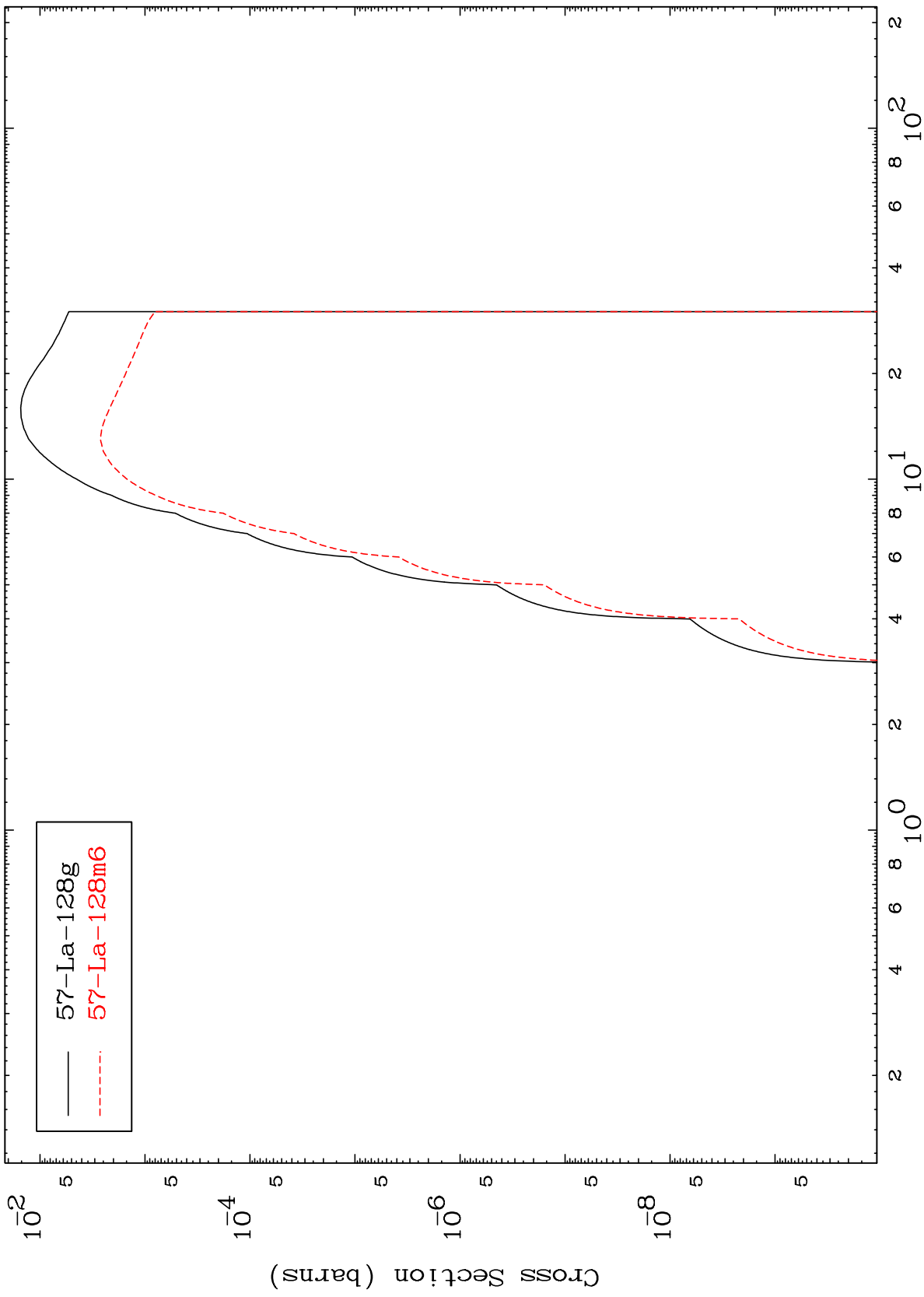
Radionuclide Production Cross Section



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58-Ce-130

Radionuclide Production Cross Section

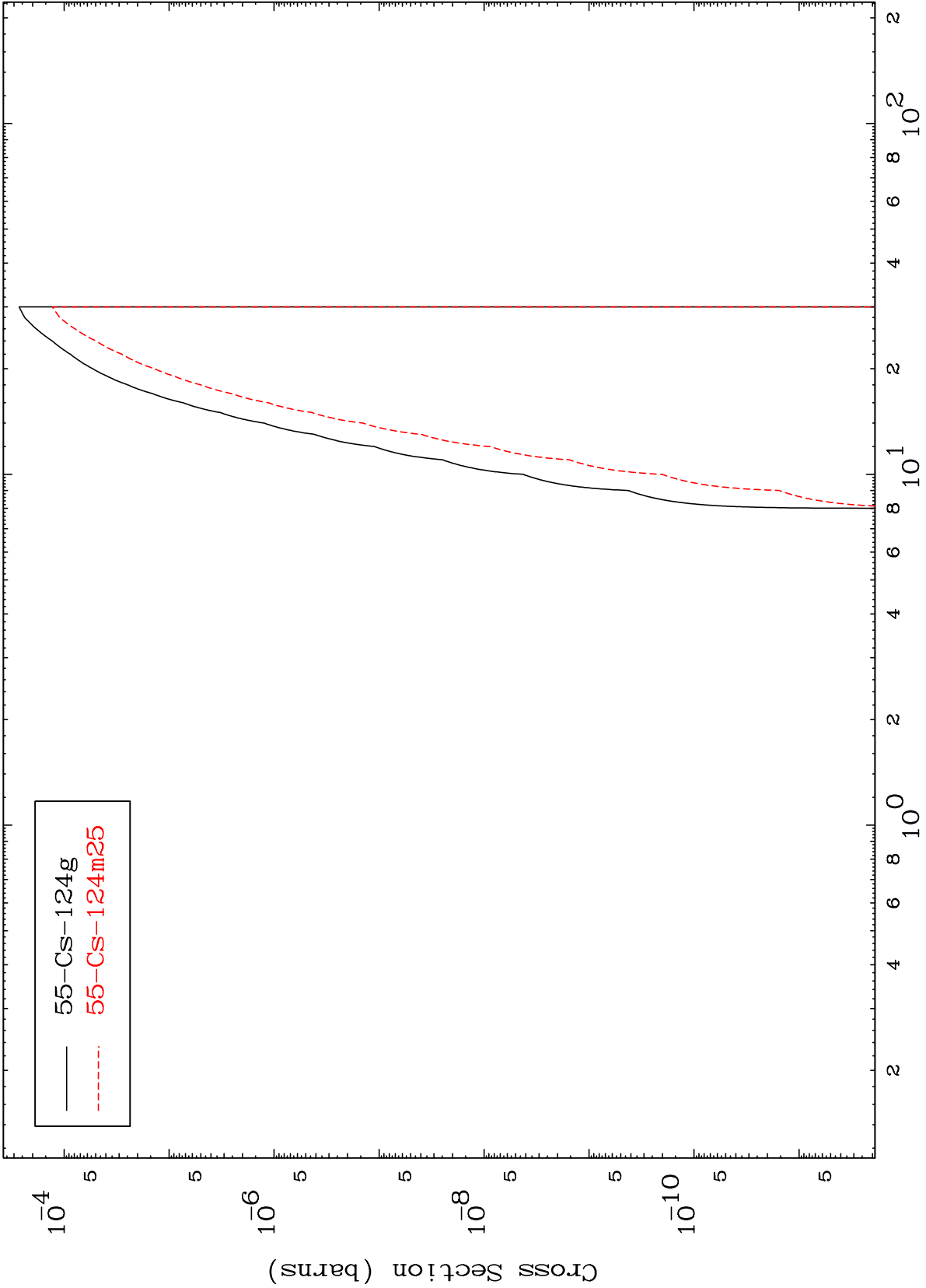


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(n,2α)

58-Ce-130

Radionuclide Production Cross Section



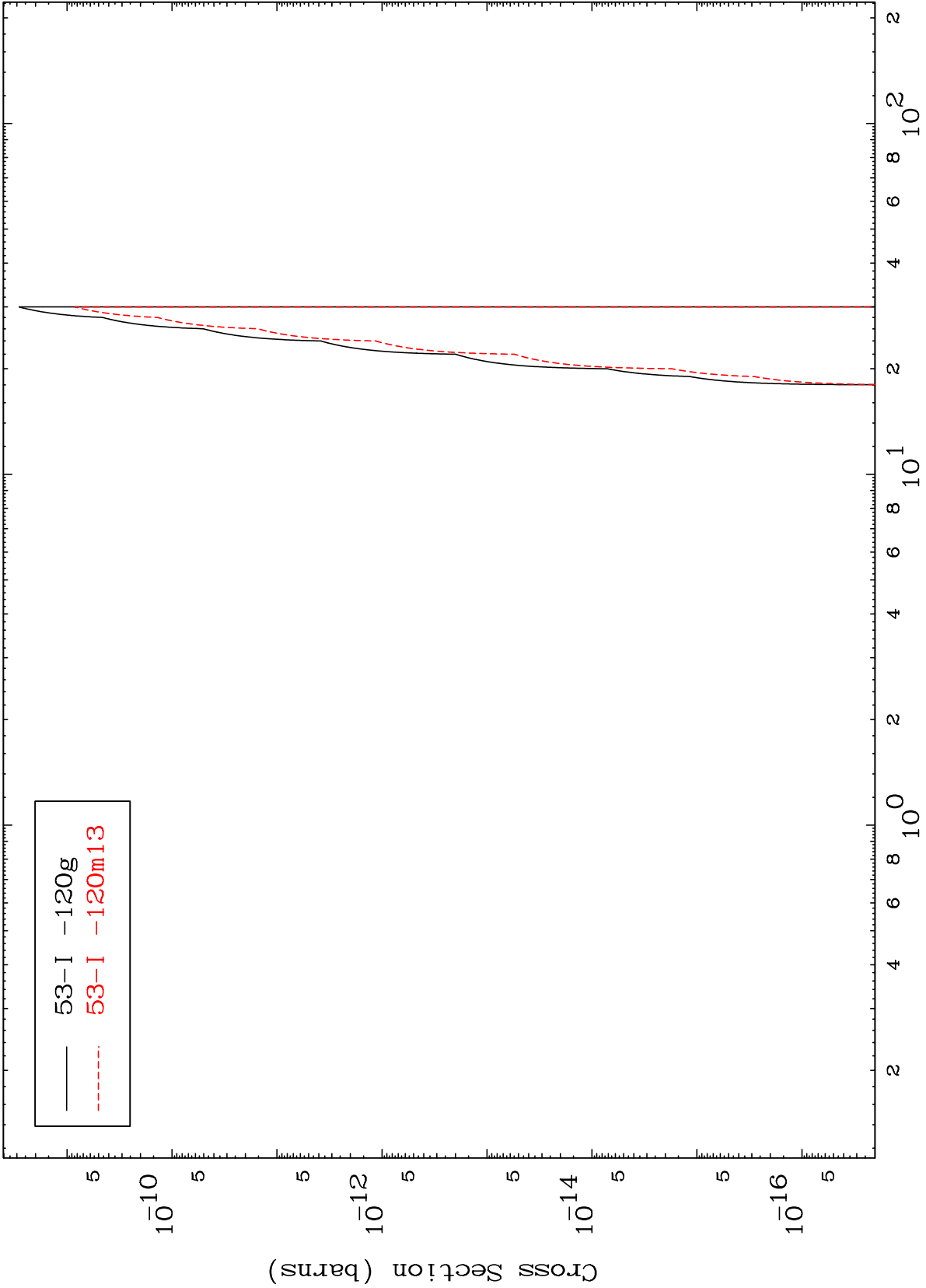
55-Cs-124g
55-Cs-124m25

MAT 5807

(n, 3α)

58-Ce-130

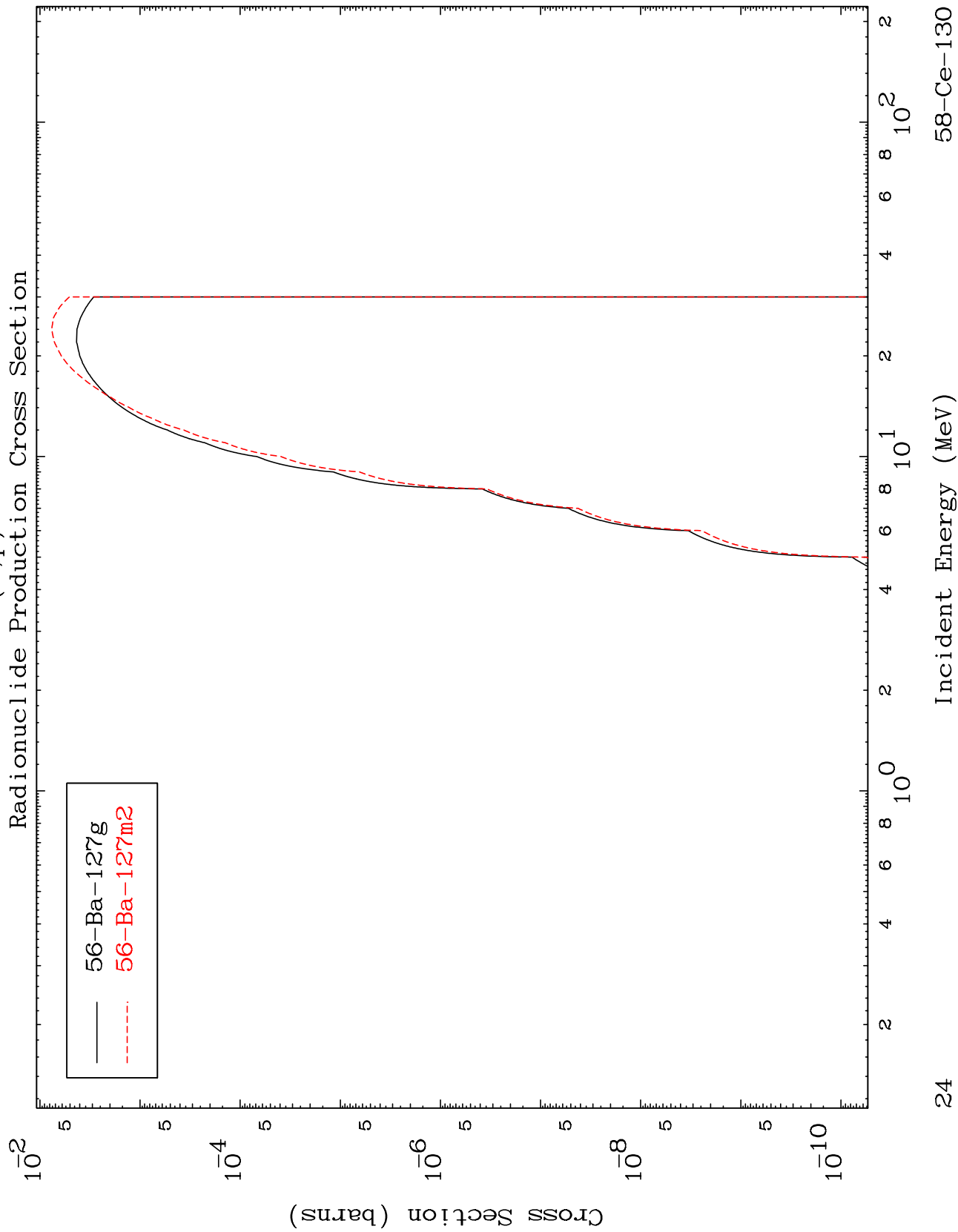
Radionuclide Production Cross Section



MAT 5807

(n,p) α

58-Ce-130



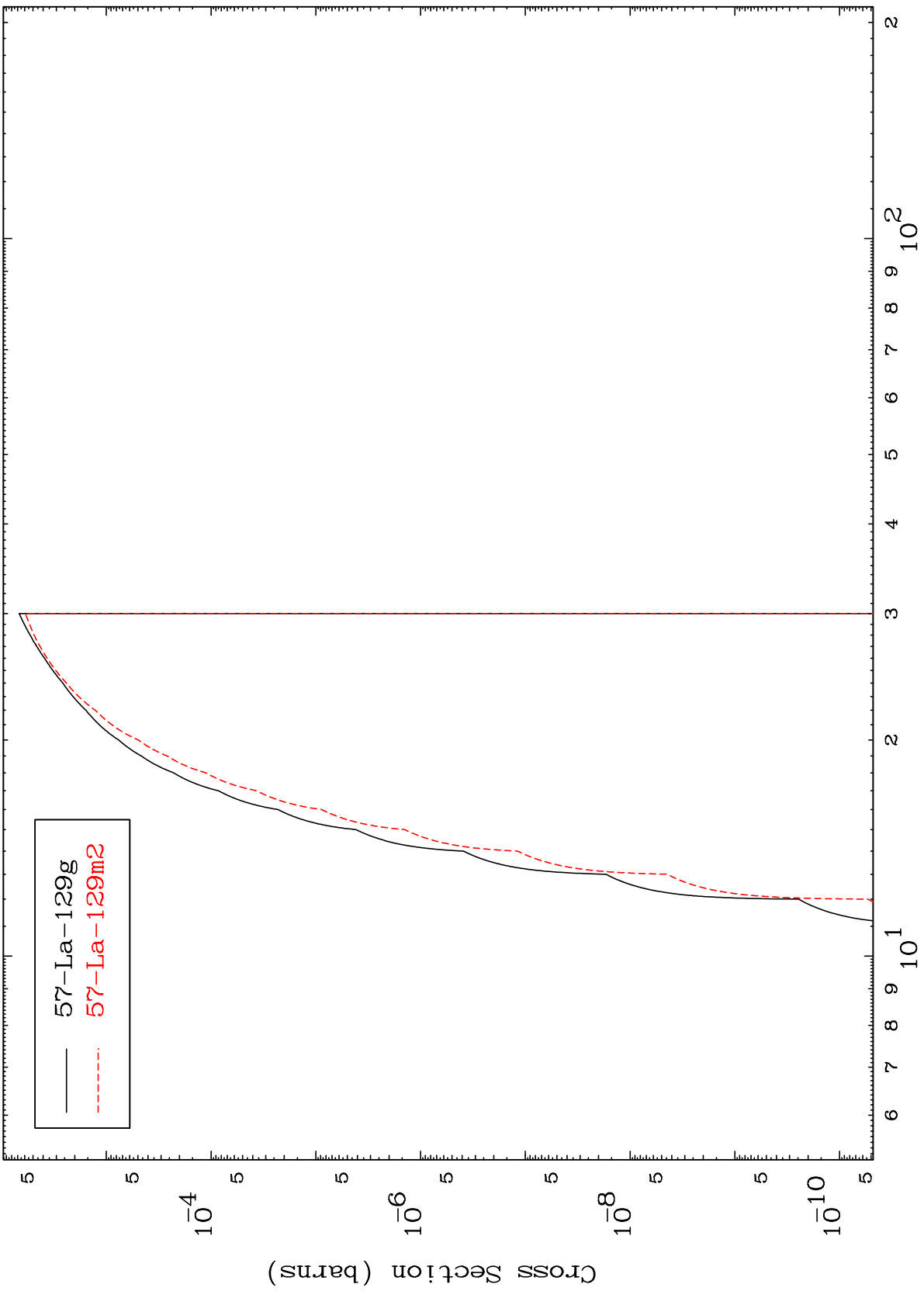
56-Ba-127g
56-Ba-127m2

MAT 5807

(n,p) d

58-Ce-130

Radionuclide Production Cross Section



57-La-129g
57-La-129m2

25

Incident Energy (MeV)

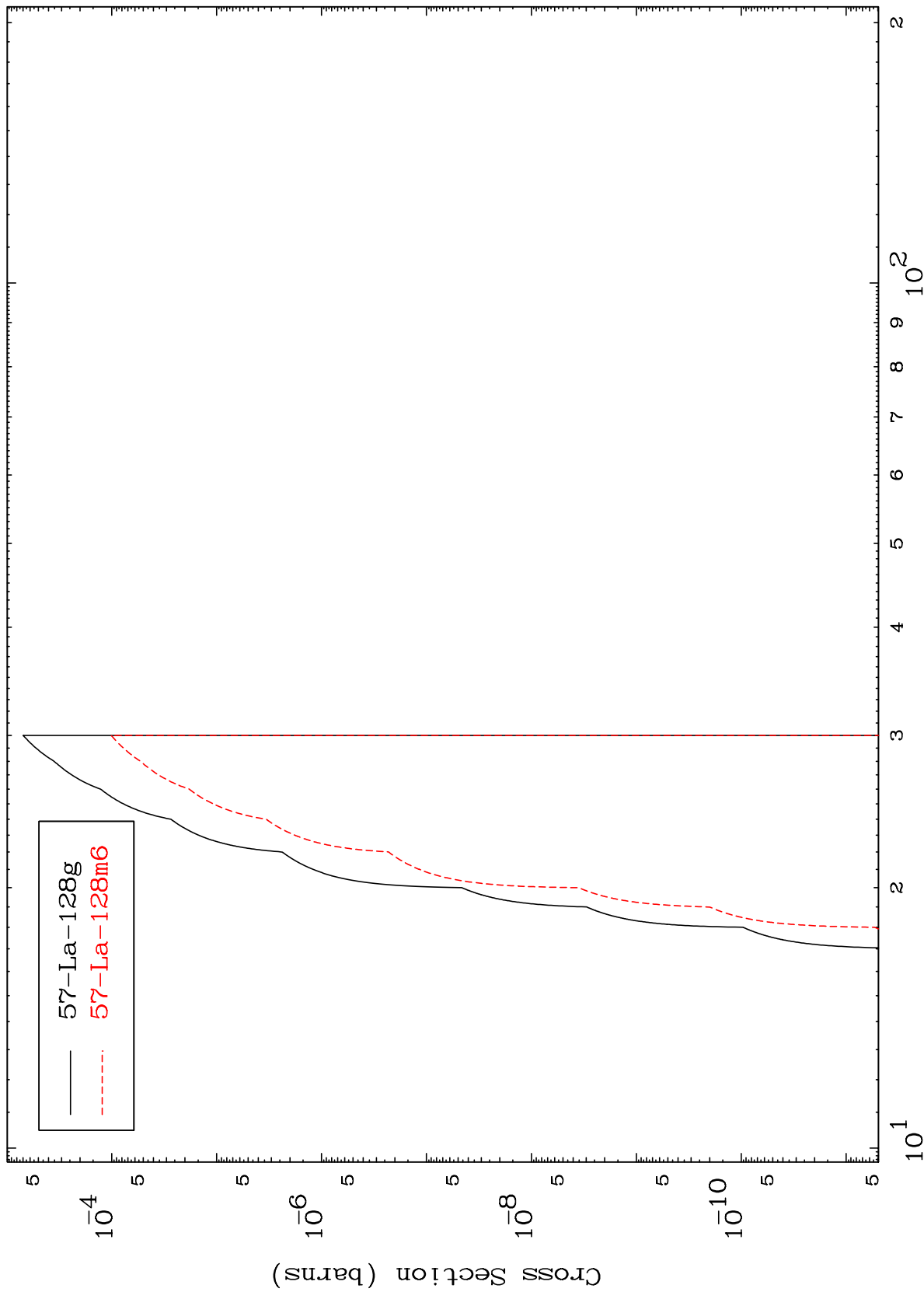
58-Ce-130

MAT 5807

(n,p) t

58-Ce-130

Radionuclide Production Cross Section



Incident Energy (MeV)

58-Ce-130

26