

Program EVALPLOT
(Version 2021-1)

by

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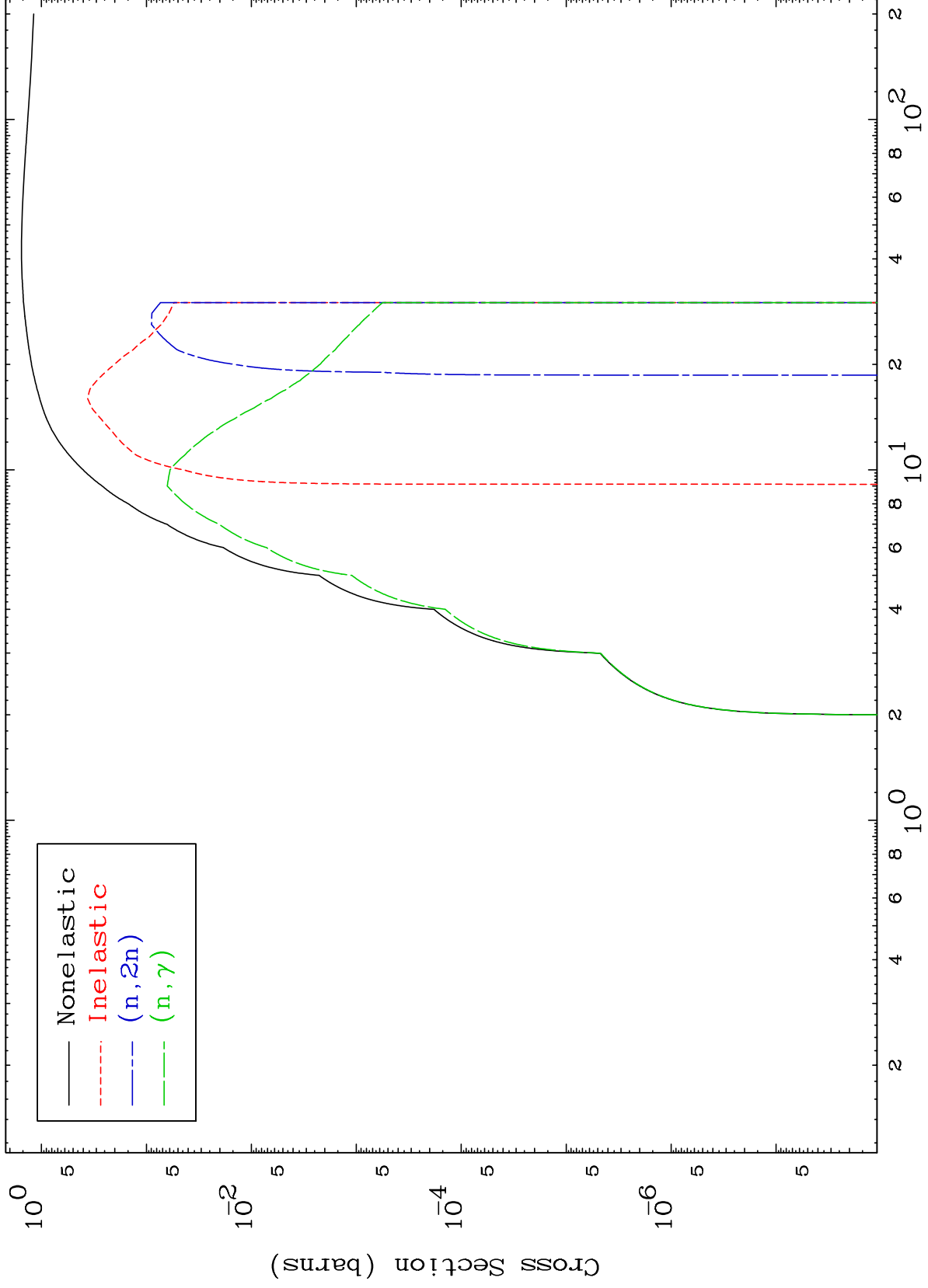
Press Mouse Button to Start

MAT 5807

Proton Major

58-Ce-130

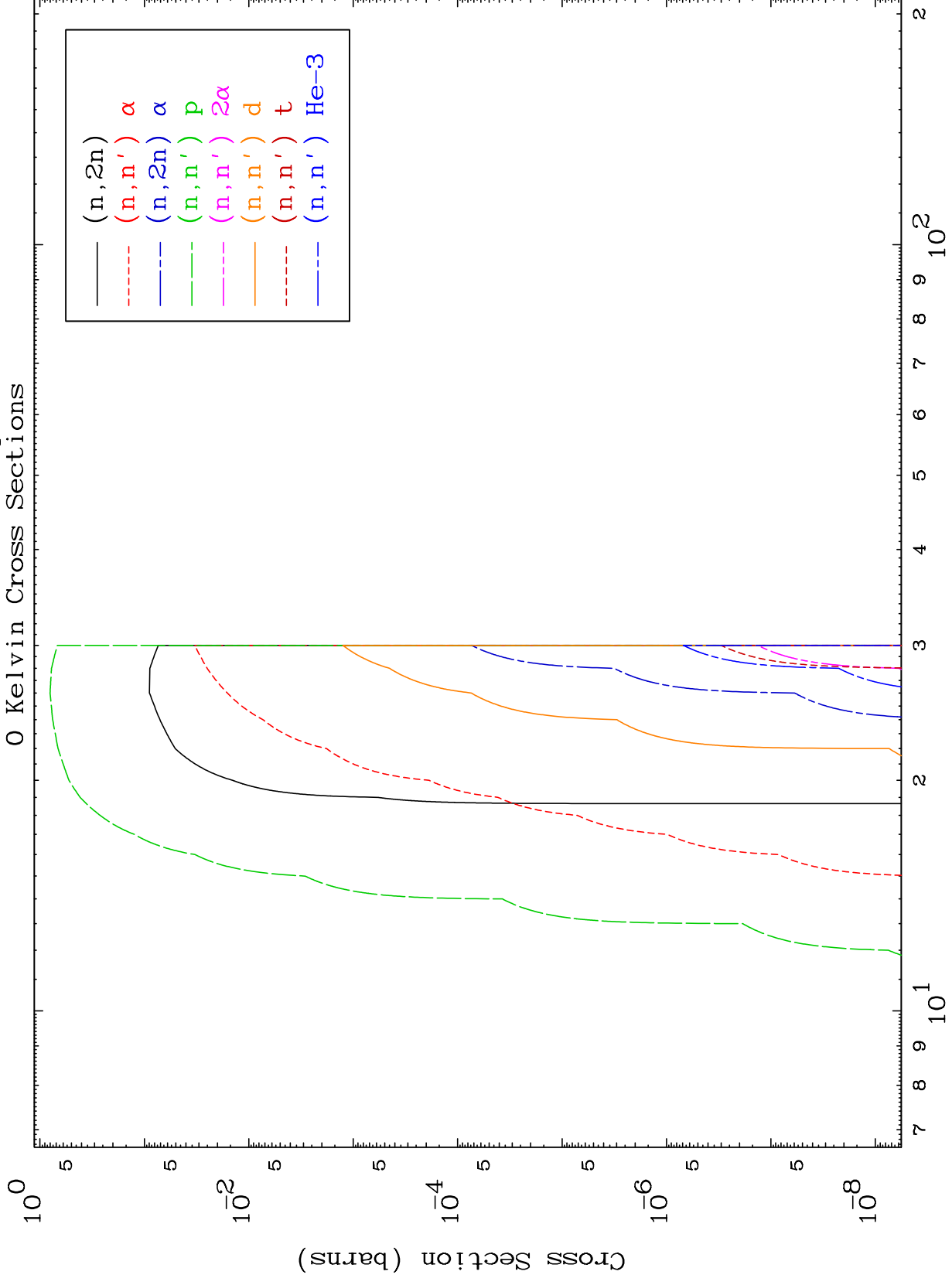
0 Kelvin Cross Sections



MAT 5807

Proton Neutron Absorption
0 Kelvin Cross Sections

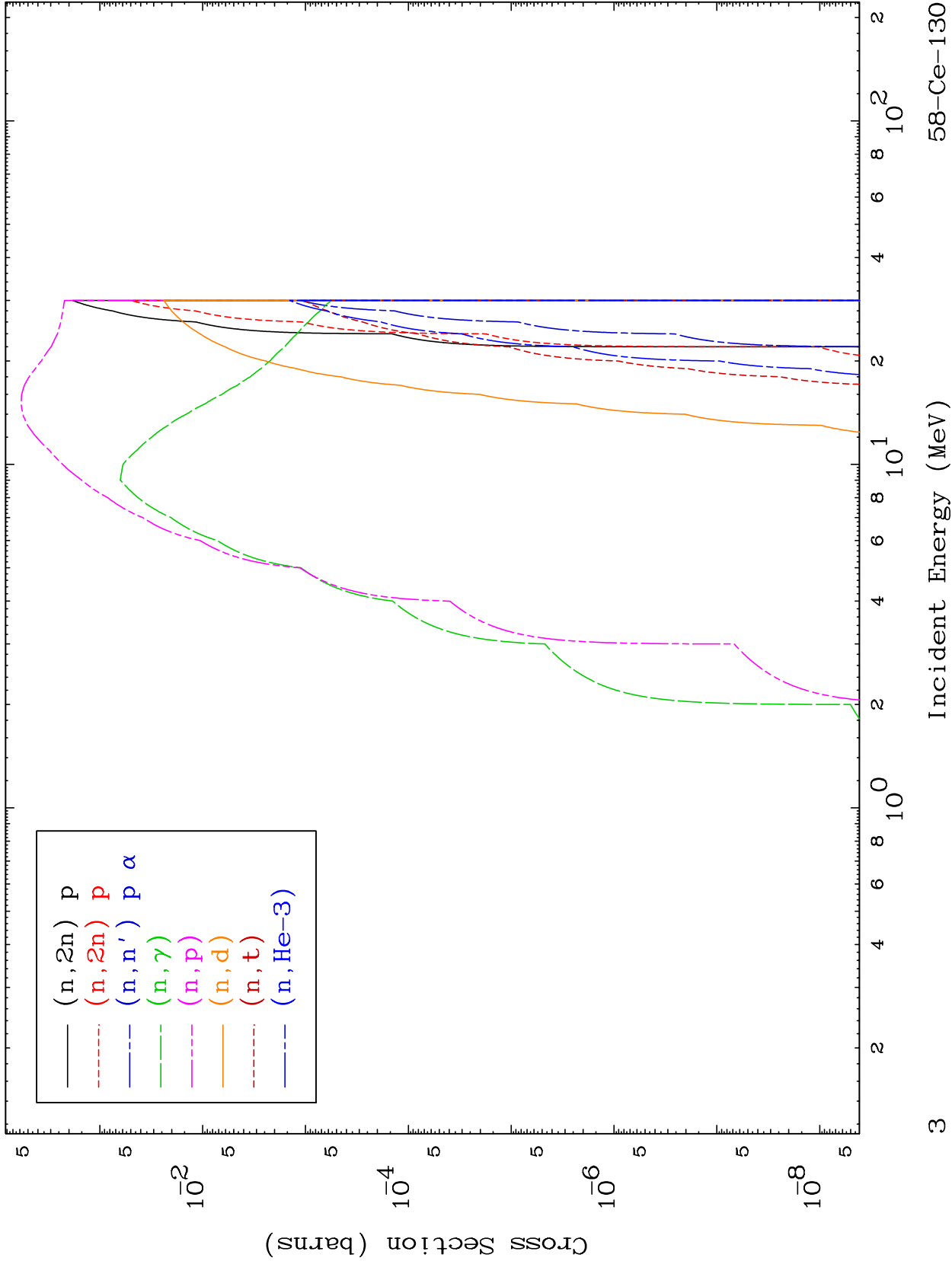
58-Ce-130



2

Incident Energy (MeV)

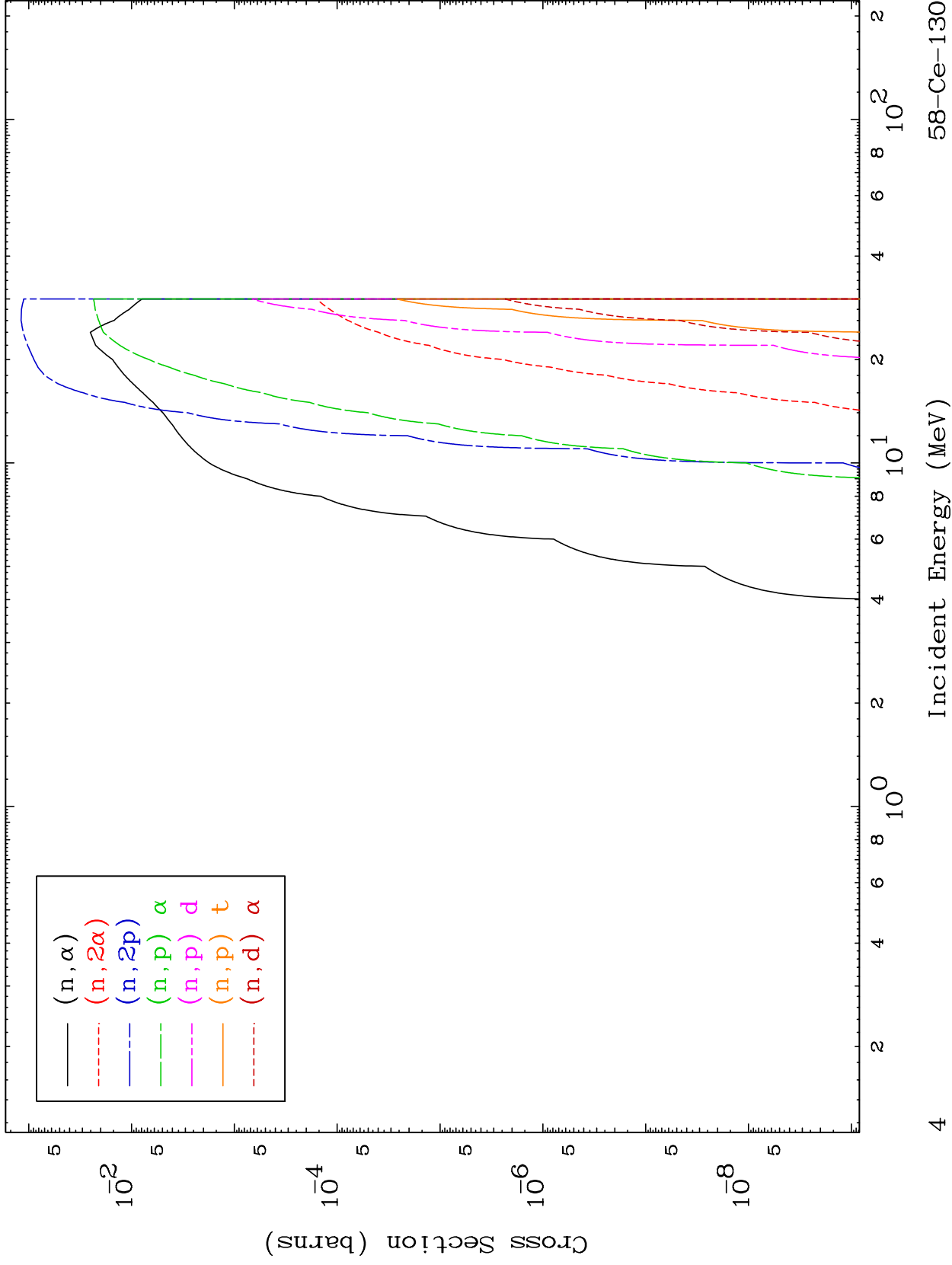
58-Ce-130

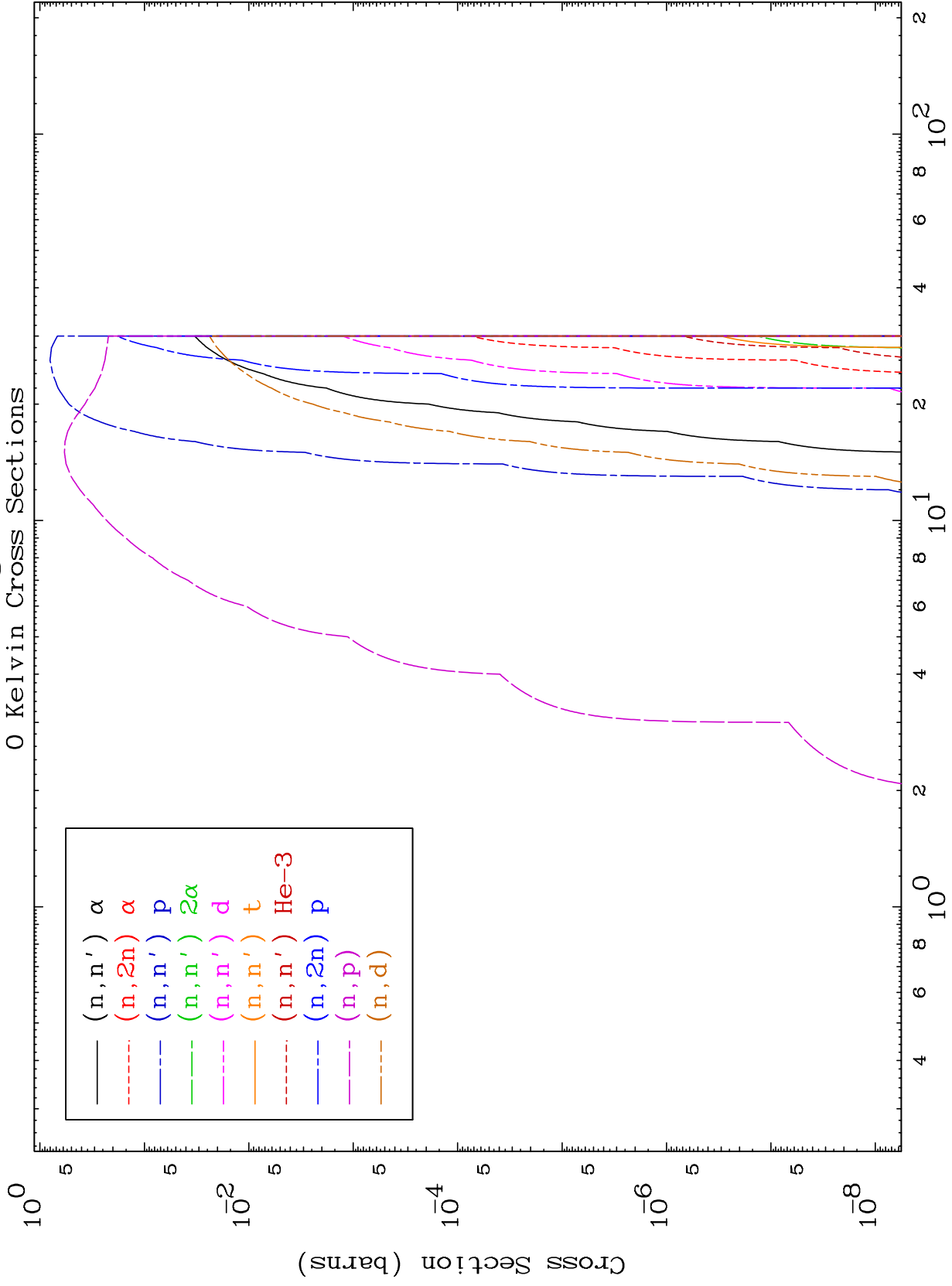


MAT 5807

Proton Neutron Absorption
0 Kelvin Cross Sections

58-Ce-130

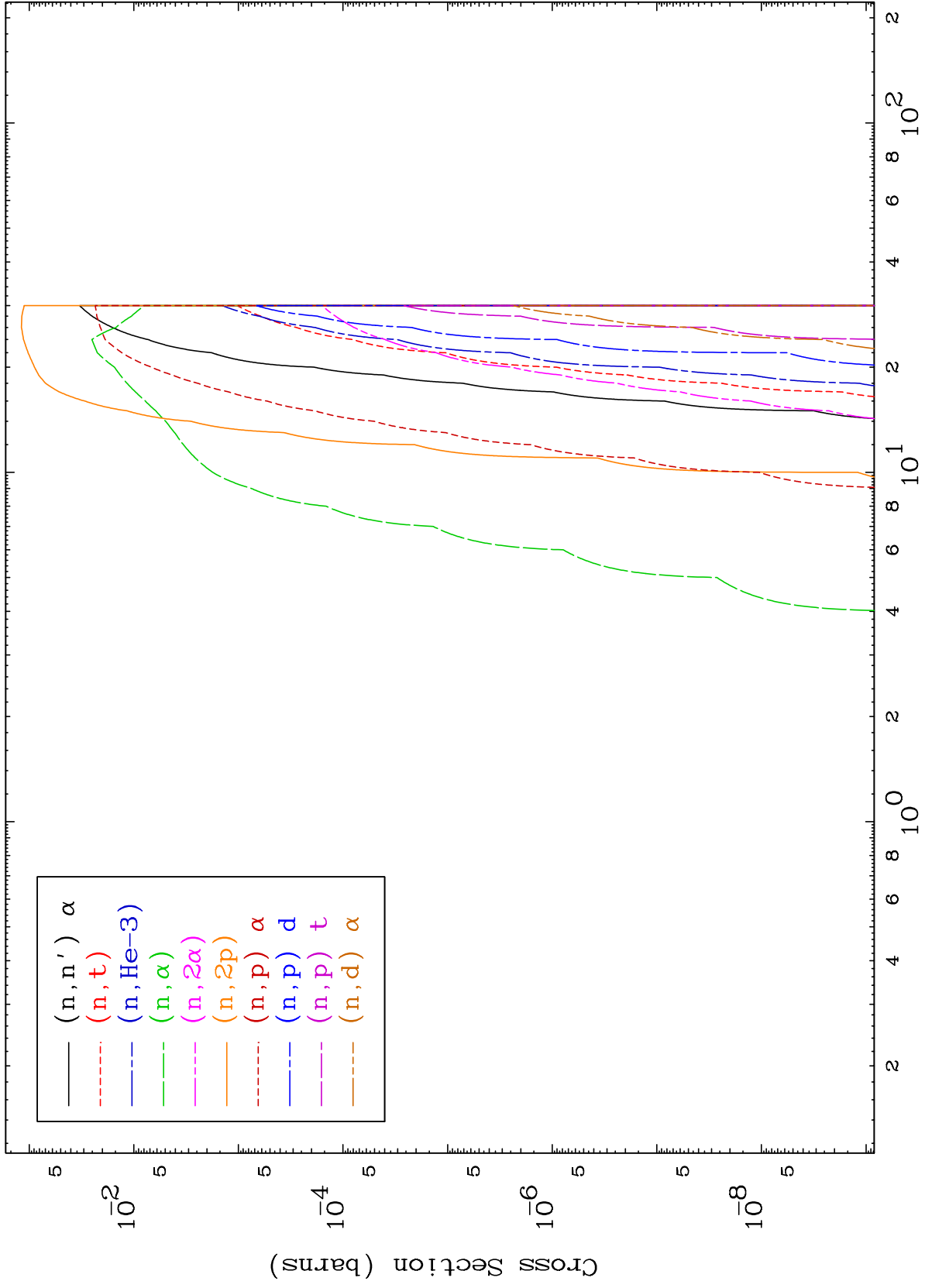




MAT 5807

Proton Charged Particle
0 Kelvin Cross Sections

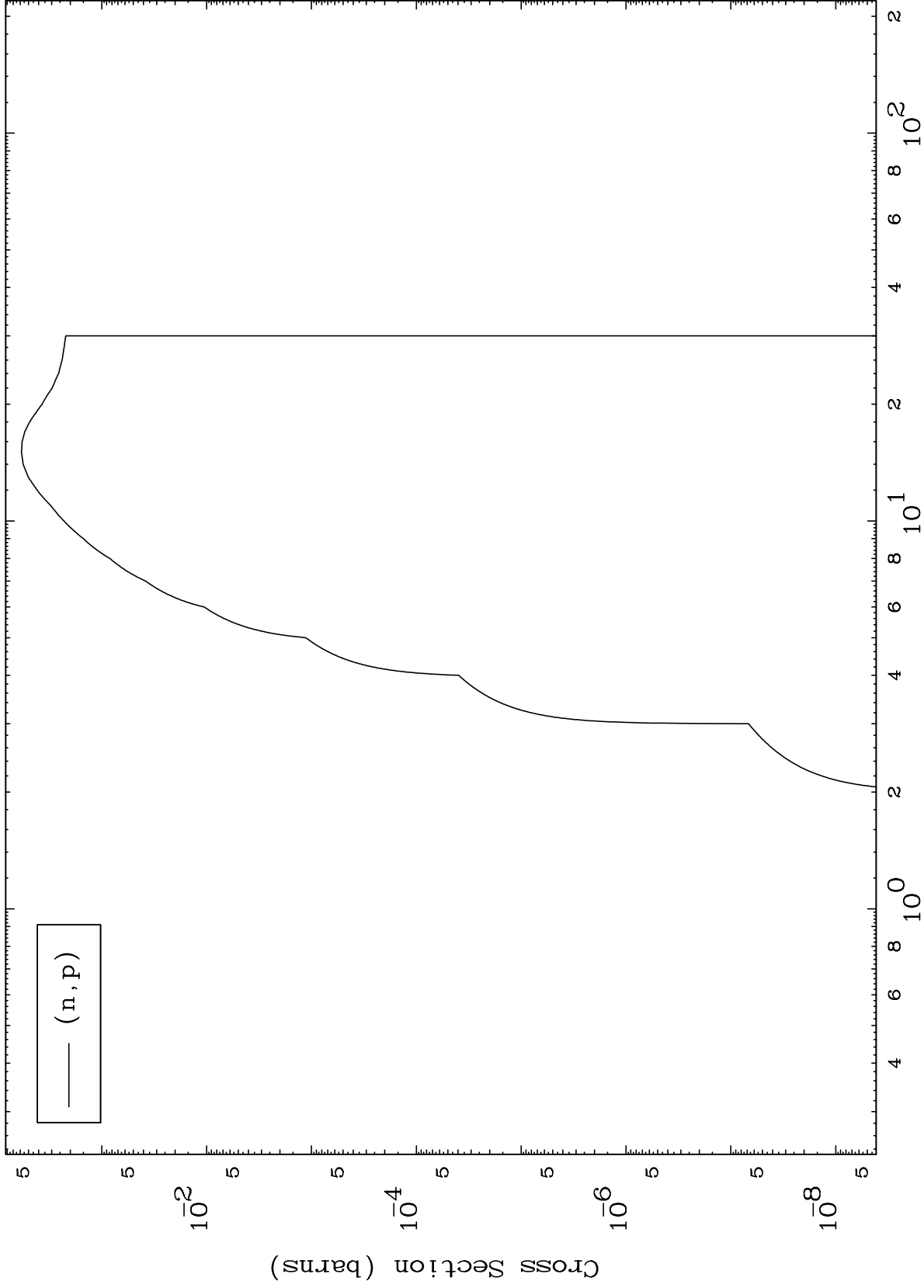
58-Ce-130



MAT 5807

(p,p) Levels
0 Kelvin Cross Sections

58-Ce-130



7

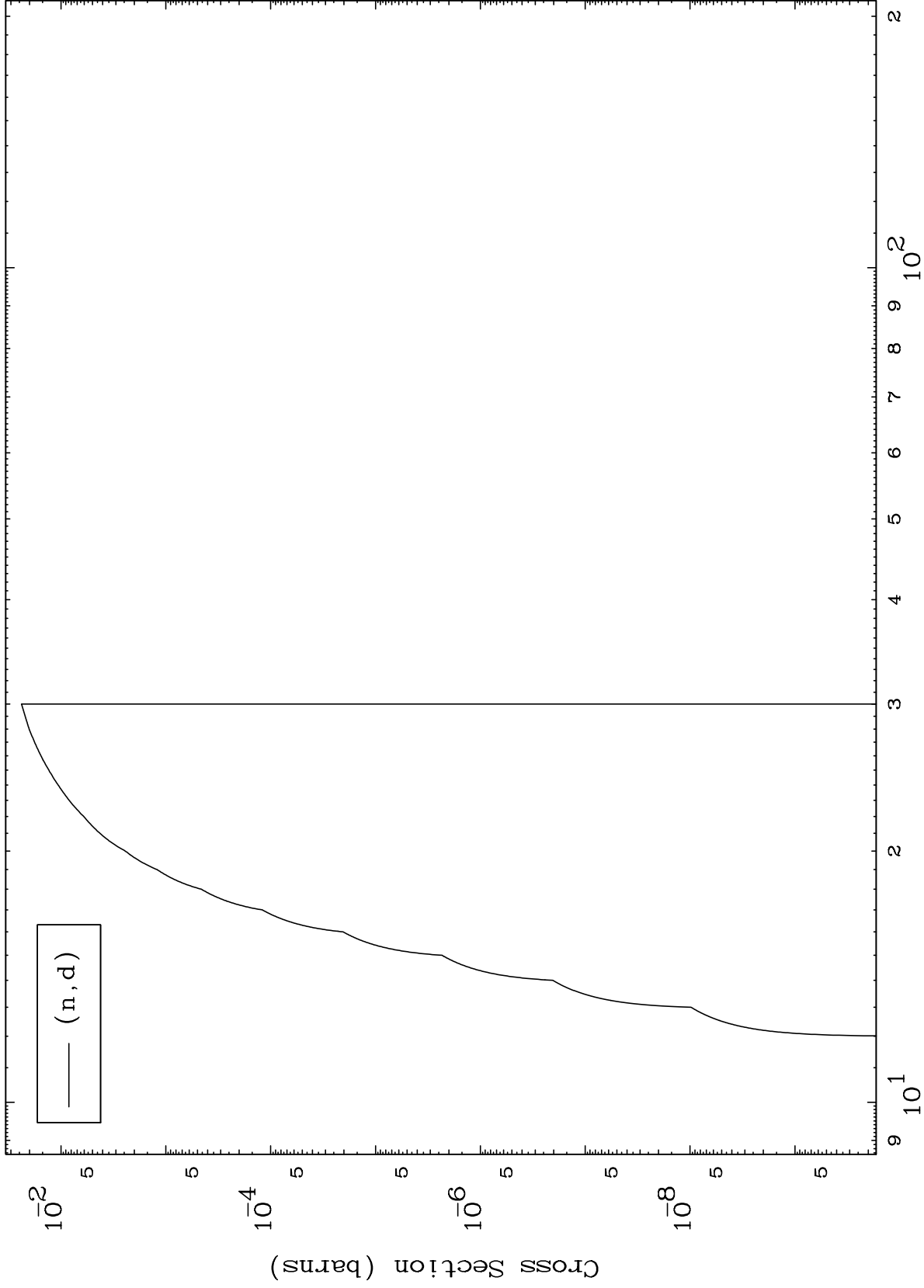
Incident Energy (MeV)

58-Ce-130

MAT 5807

(p,d) Levels
0 Kelvin Cross Sections

58-Ce-130



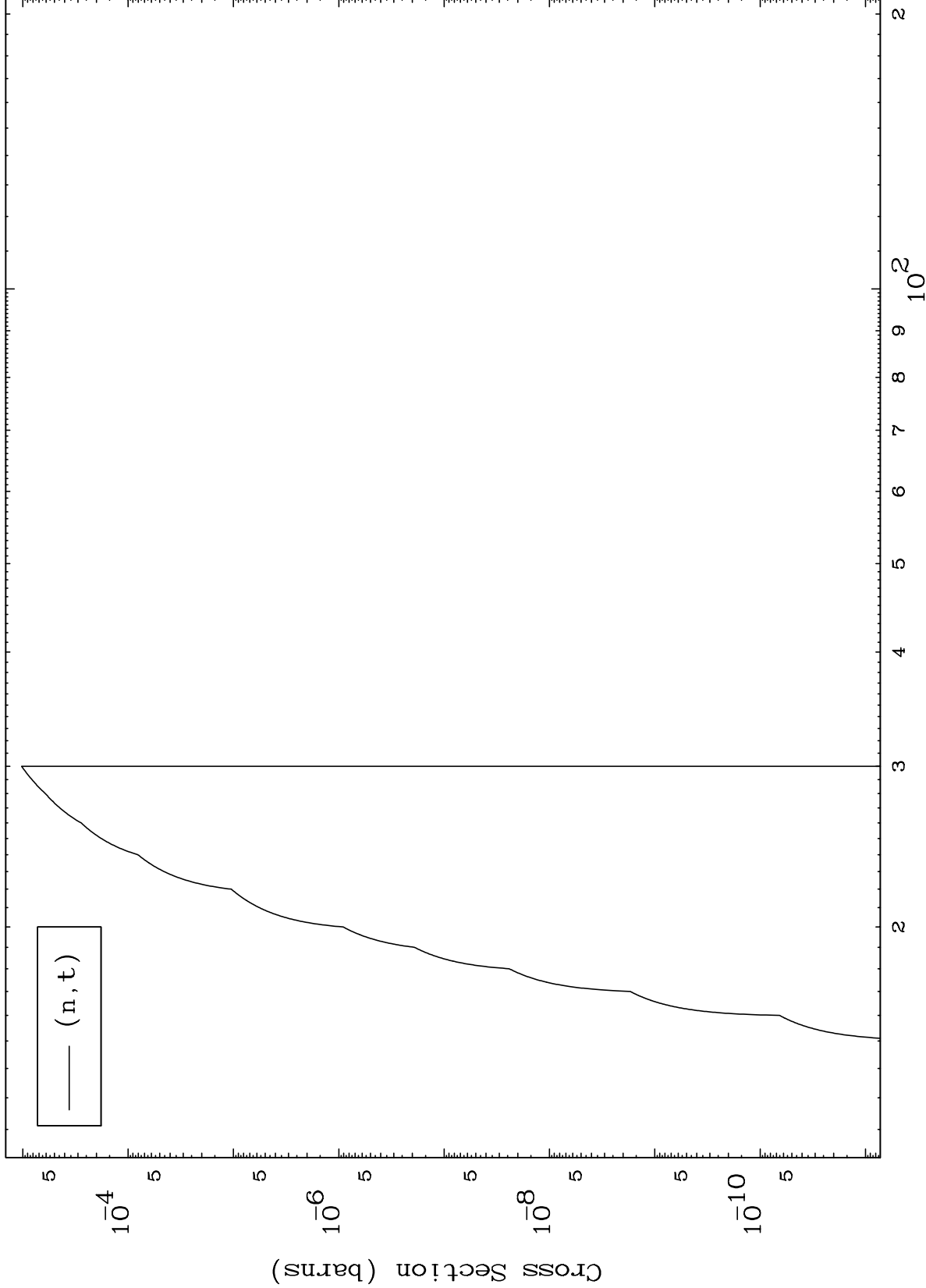
Incident Energy (MeV)

58-Ce-130

MAT 5807

(p,t) Levels
0 Kelvin Cross Sections

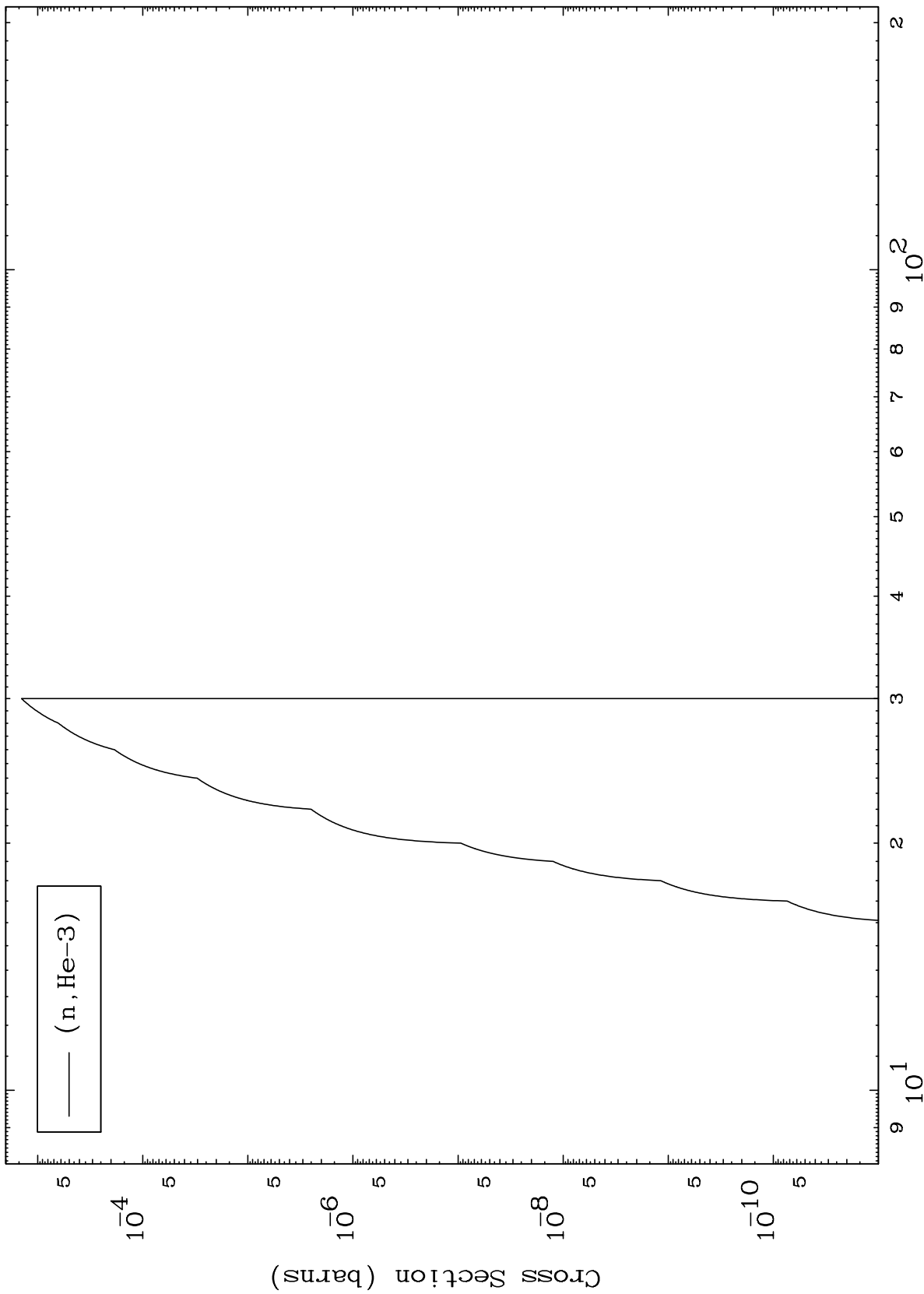
58-Ce-130



MAT 5807

(p,He3) Levels
0 Kelvin Cross Sections

58-Ce-130



10

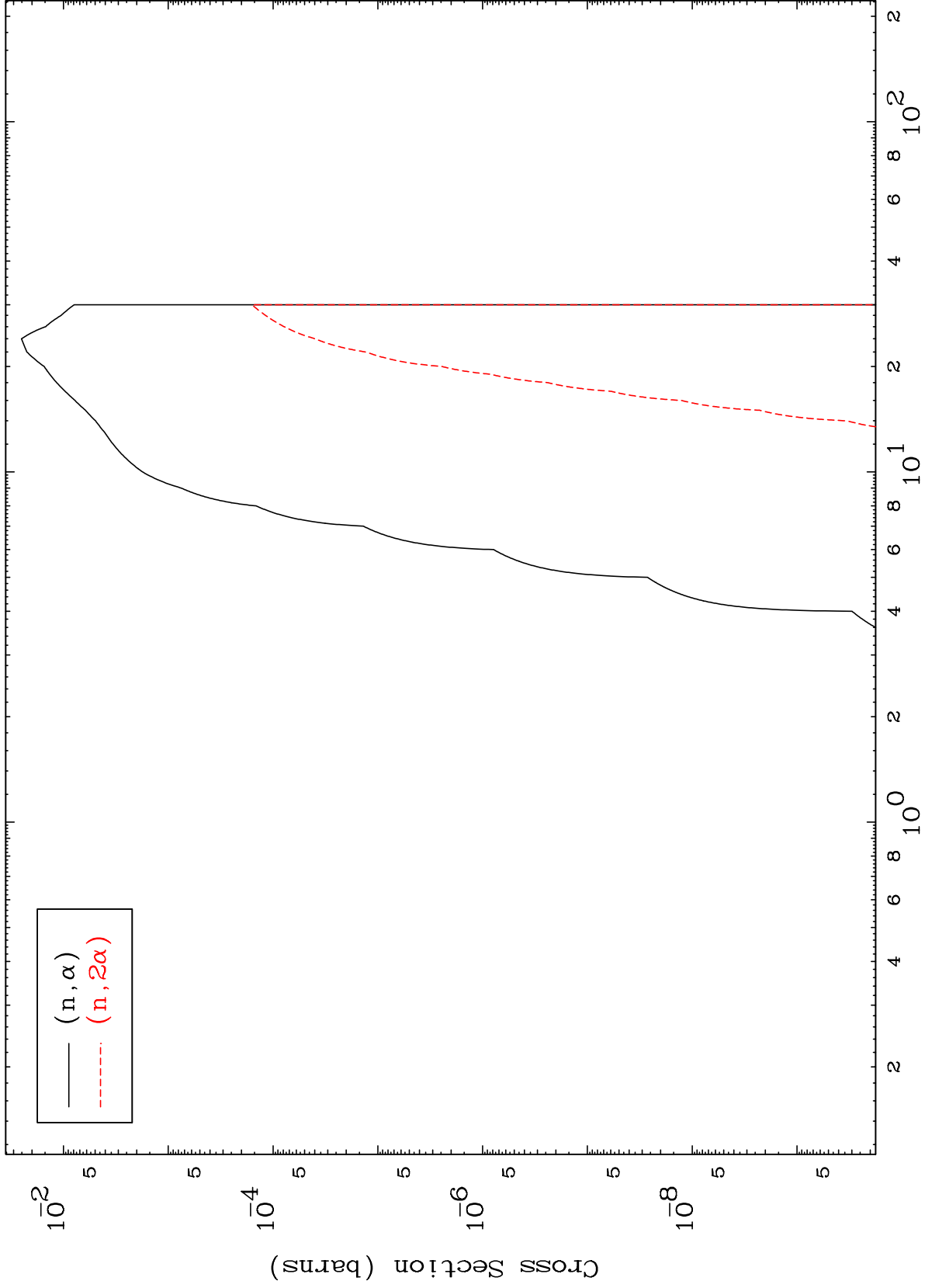
Incident Energy (MeV)

58-Ce-130

MAT 5807

(p, α) Levels
0 Kelvin Cross Sections

58-Ce-130

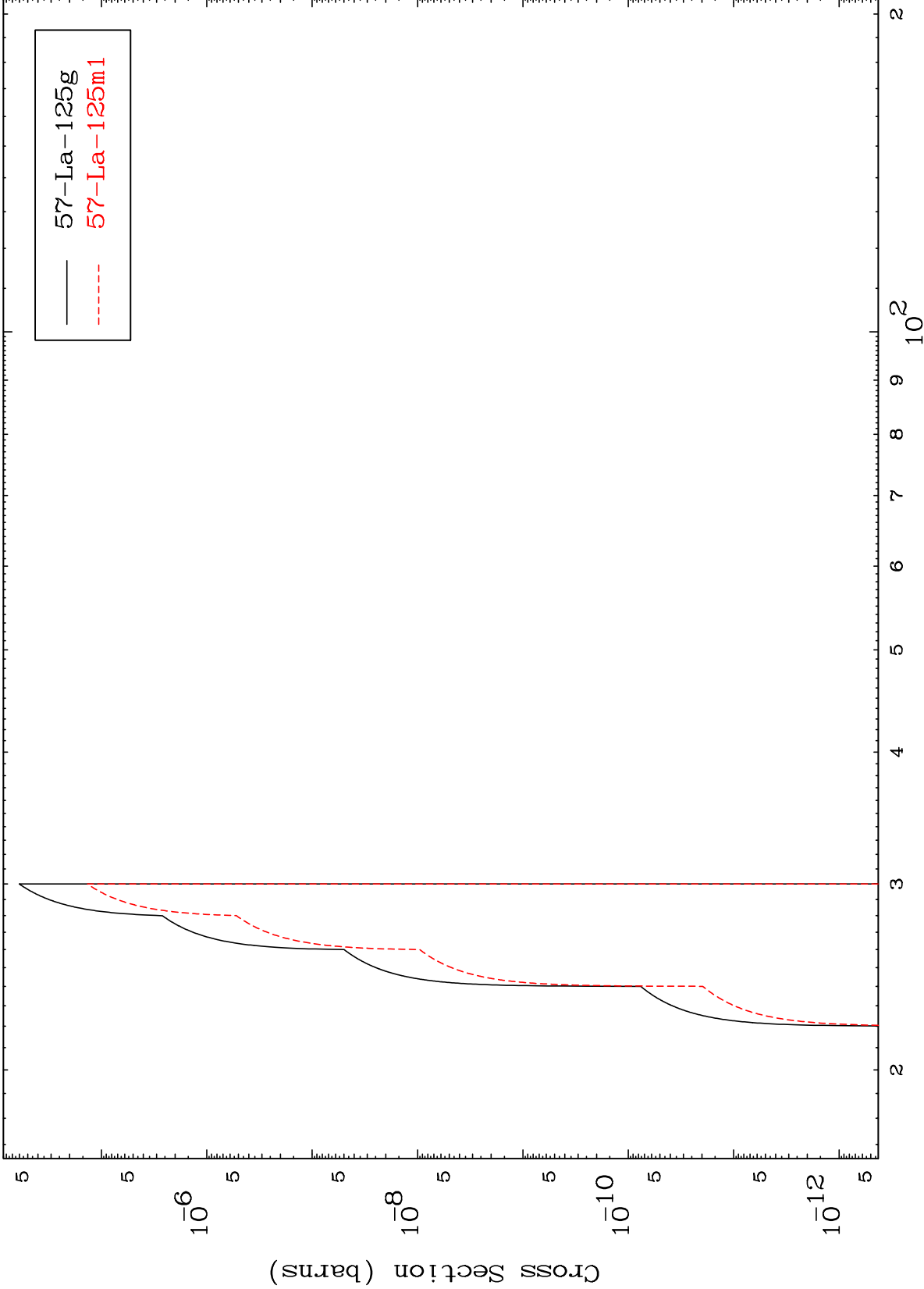


MAT 5807

(n,2n) α

58-Ce-130

Radionuclide Production Cross Section



12

Incident Energy (MeV)

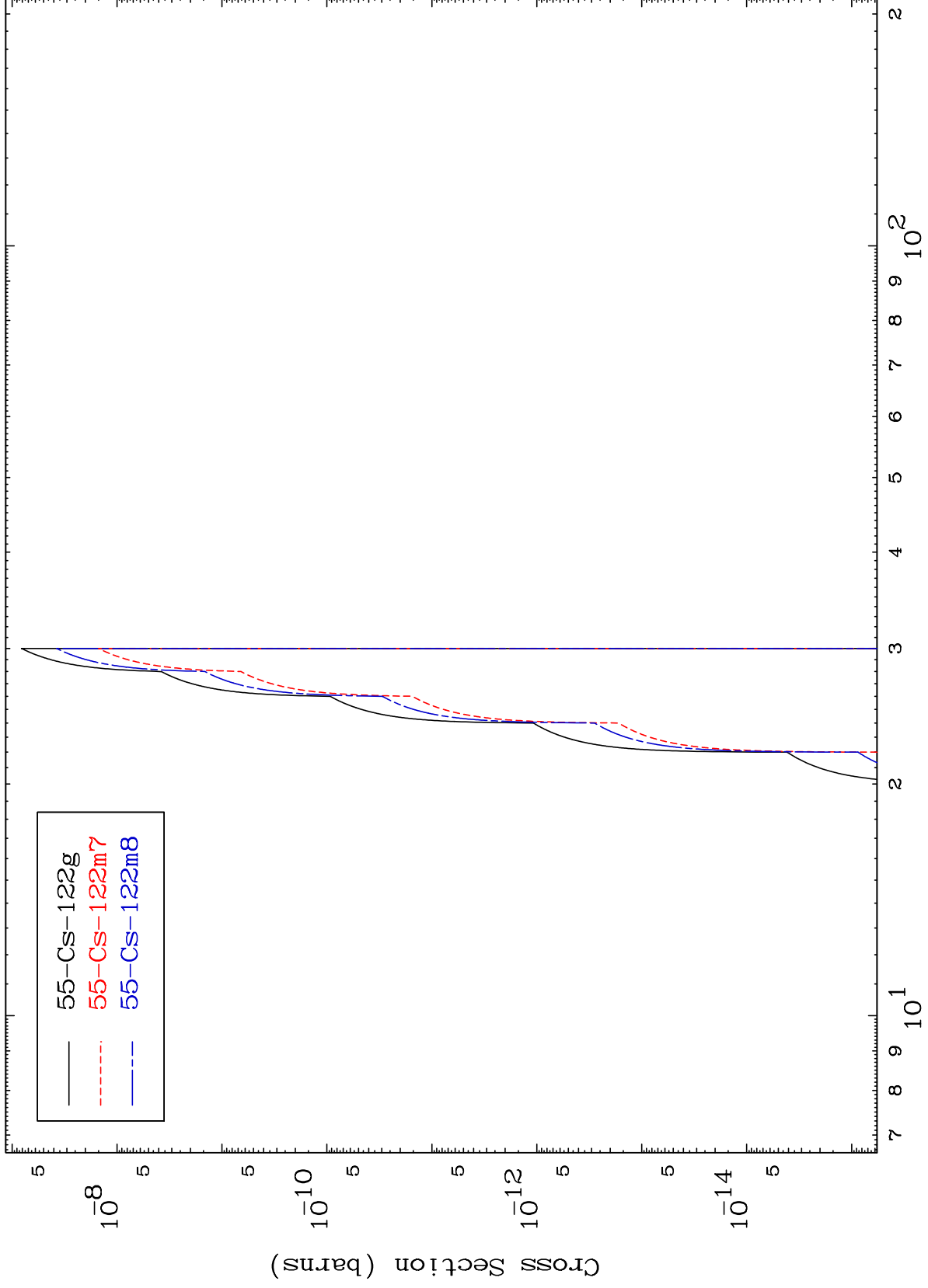
58-Ce-130

MAT 5807

(n,n') 2α

58-Ce-130

Radionuclide Production Cross Section



55-Cs-122g
55-Cs-122m7
55-Cs-122m8

13

Incident Energy (MeV)

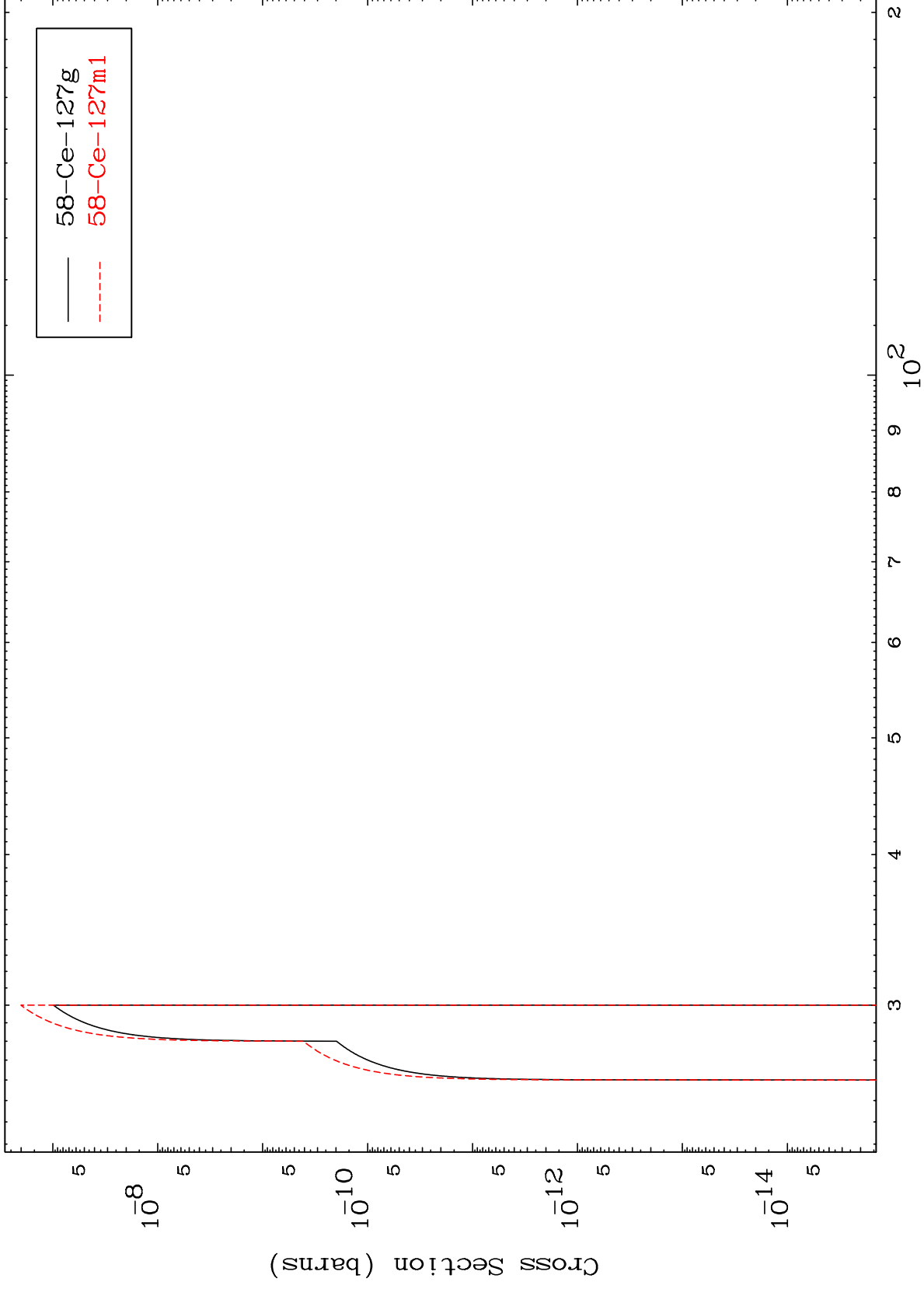
58-Ce-130

MAT 5807

(n,n') t

58-Ce-130

Radionuclide Production Cross Section



14

Incident Energy (MeV)

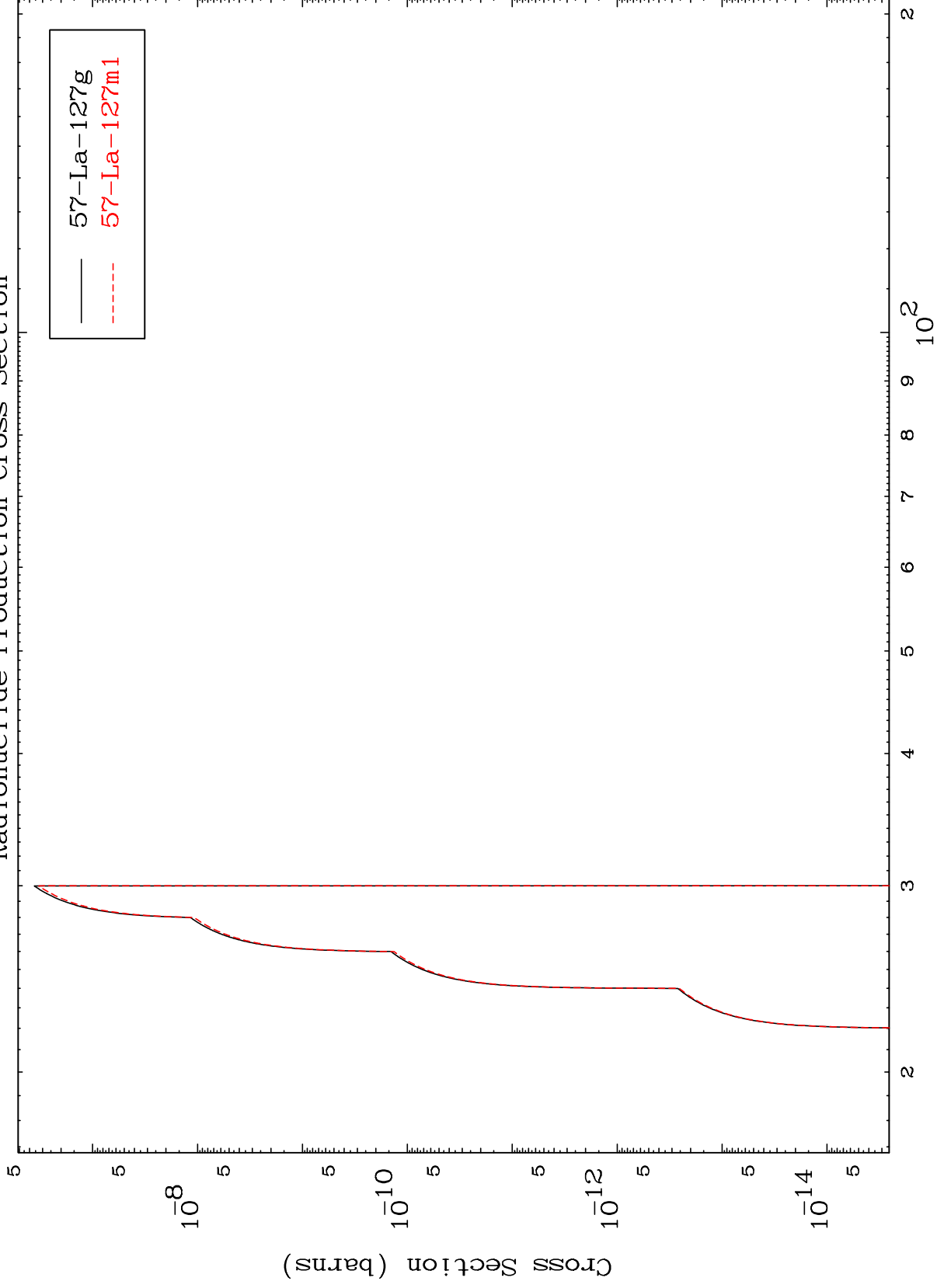
58-Ce-130

MAT 5807

(n,n') He-3

58-Ce-130

Radionuclide Production Cross Section



15

Incident Energy (MeV)

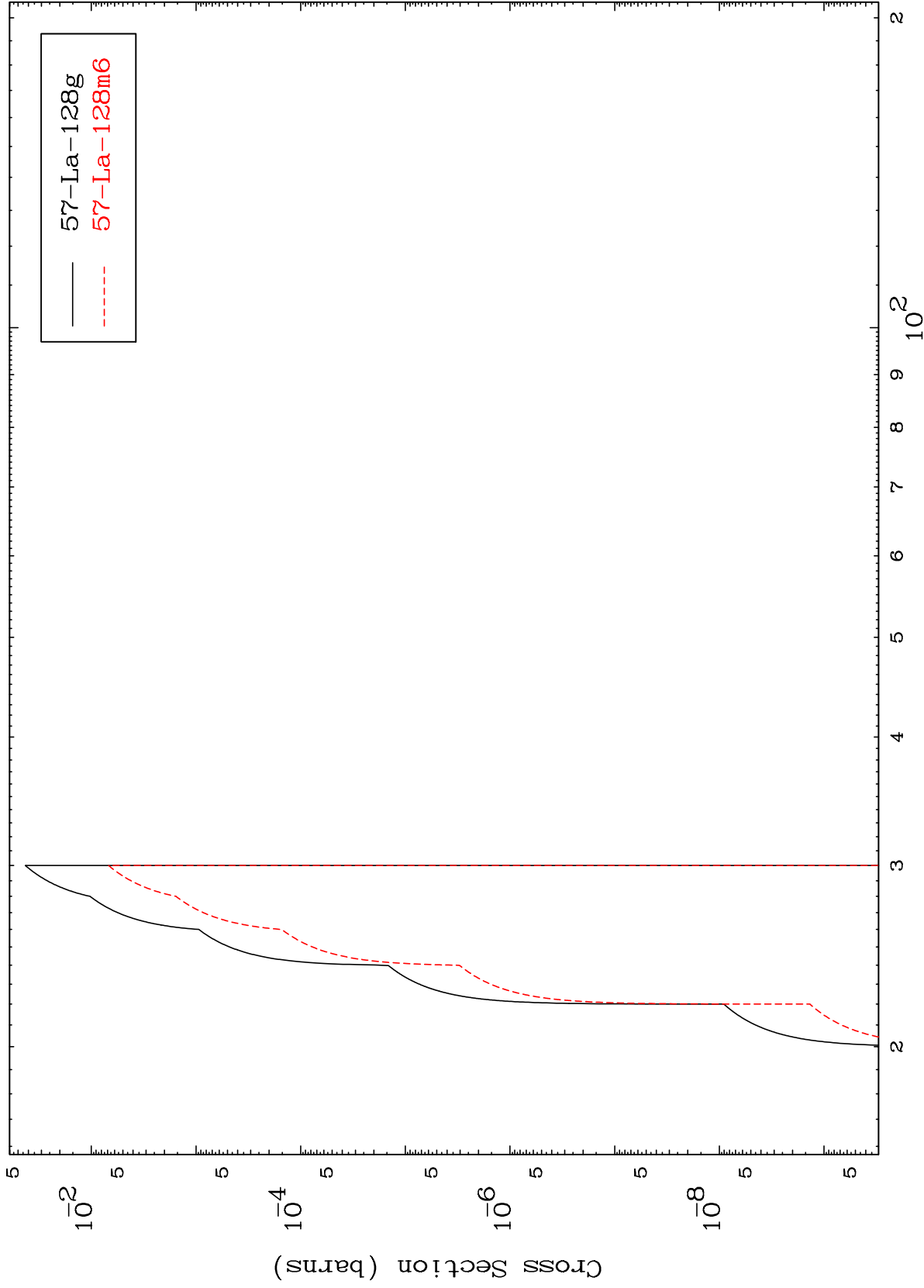
58-Ce-130

MAT 5807

(n,2n) p

58-Ce-130

Radionuclide Production Cross Section



16

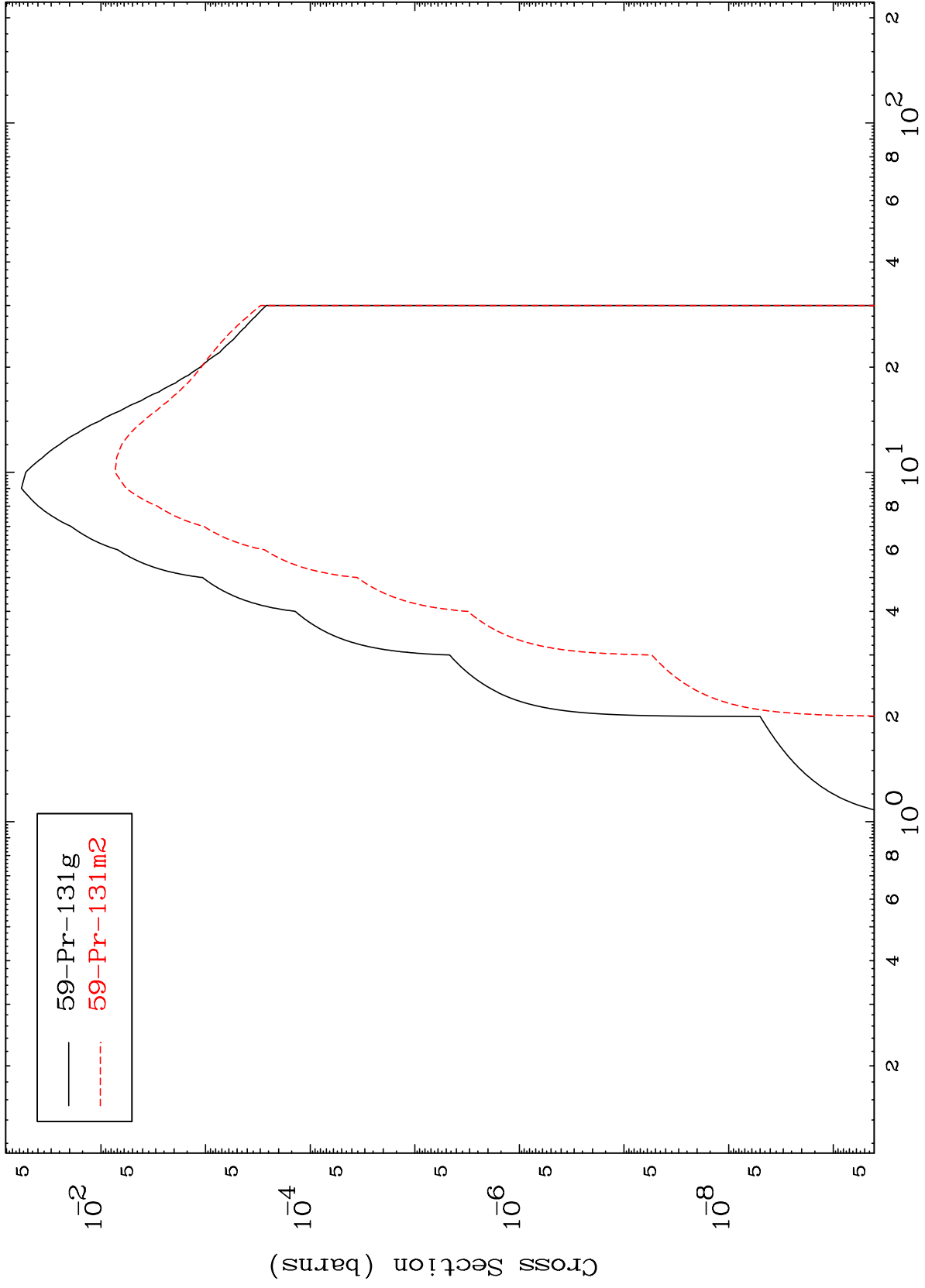
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

(n, γ)
Radionuclide Production Cross Section



58-Ce-130

Incident Energy (MeV)

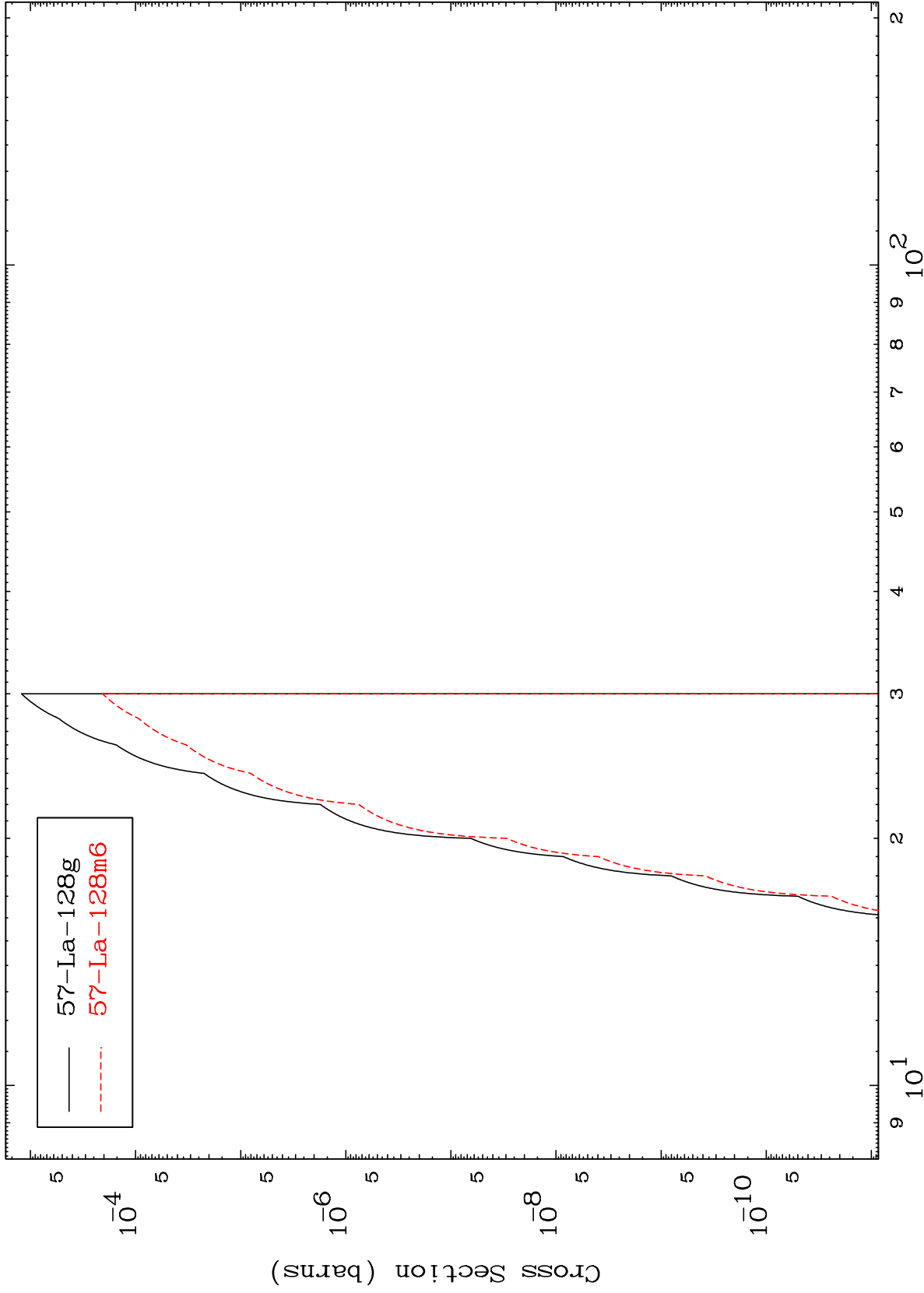
17

MAT 5807

(n,He-3)

58-Ce-130

Radionuclide Production Cross Section



18

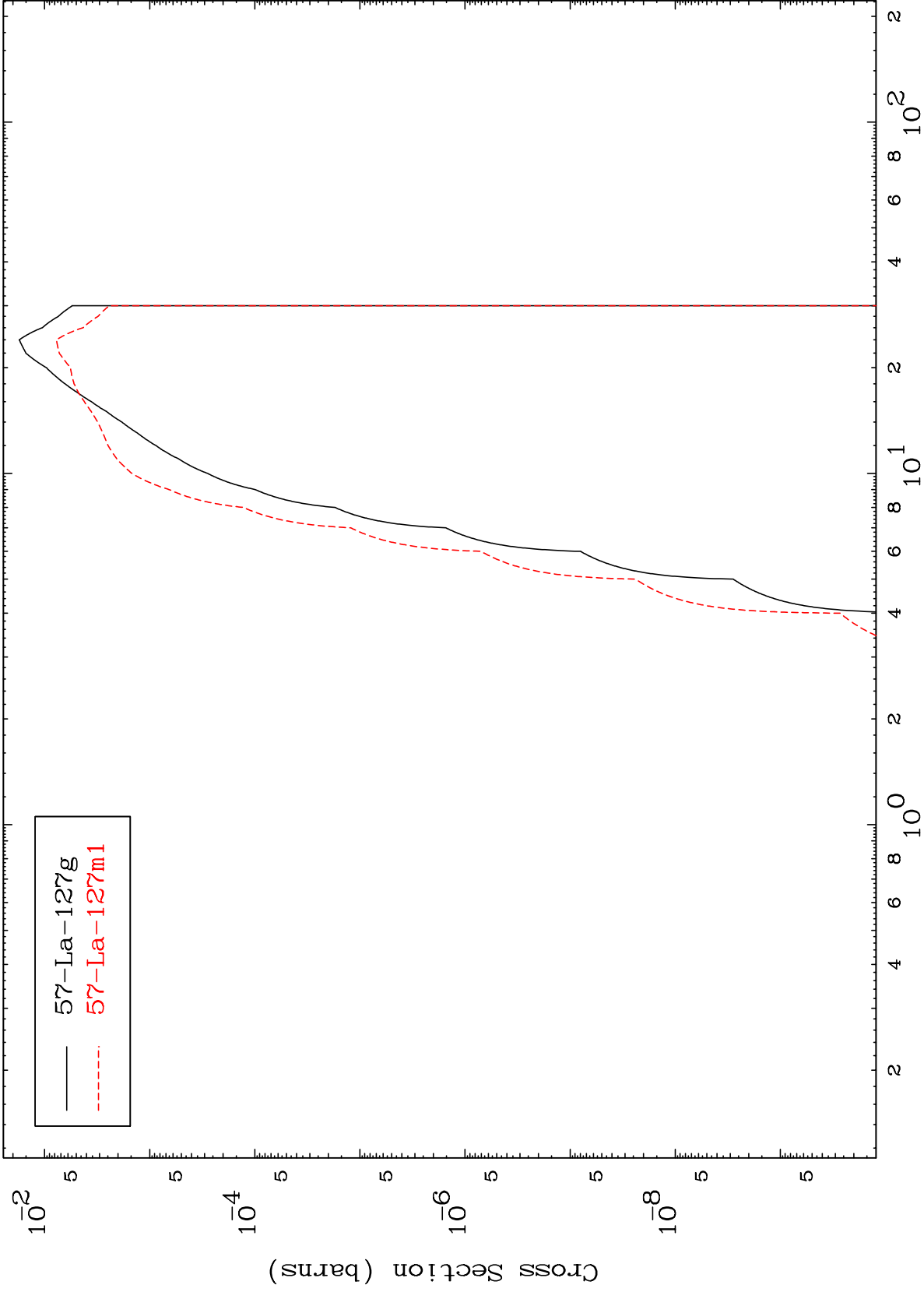
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

(n, α)
Radionuclide Production Cross Section



19

58-Ce-130

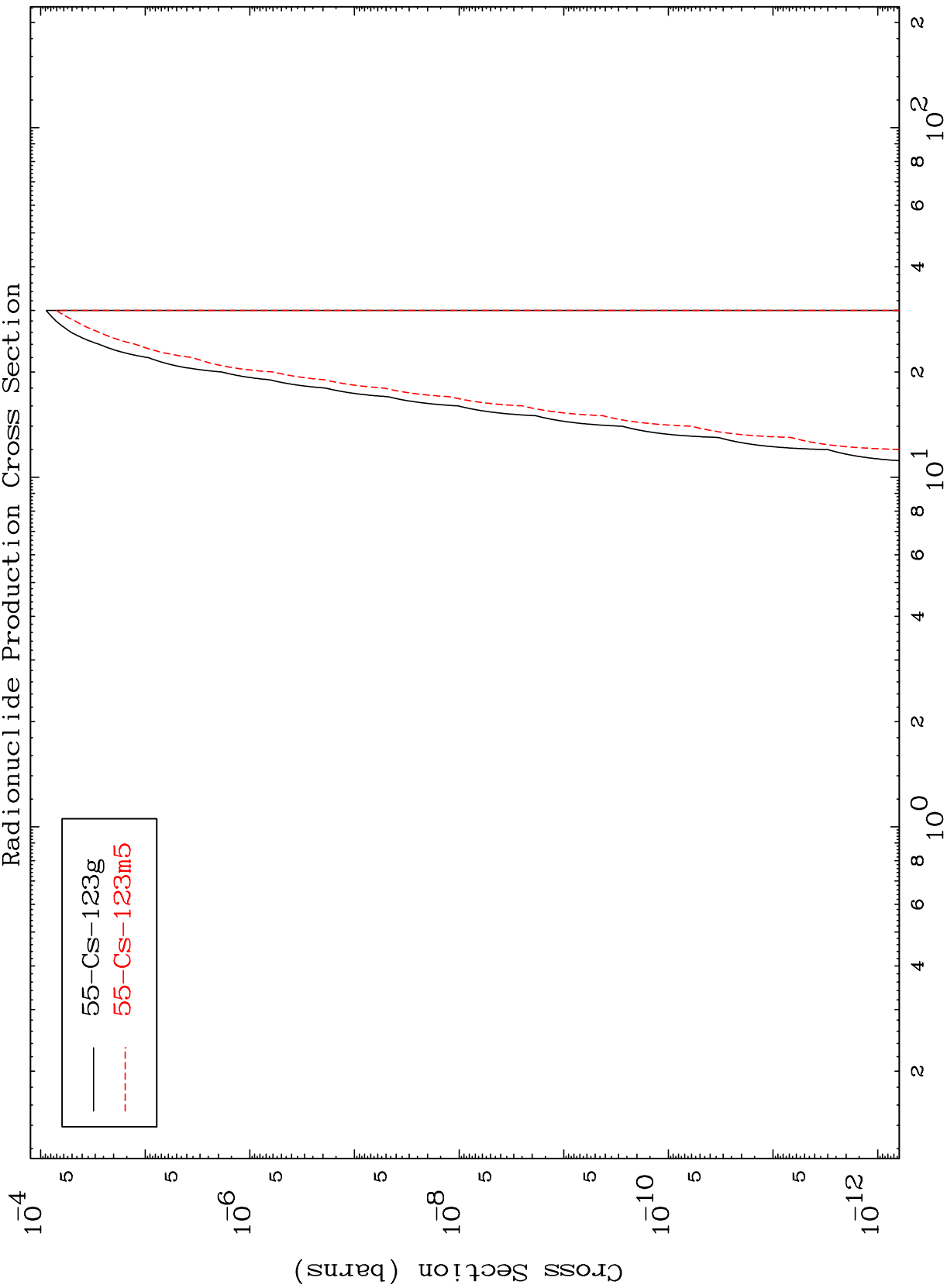
Incident Energy (MeV)

MAT 5807

58-Ce-130

(n,2α)

Radionuclide Production Cross Section



20

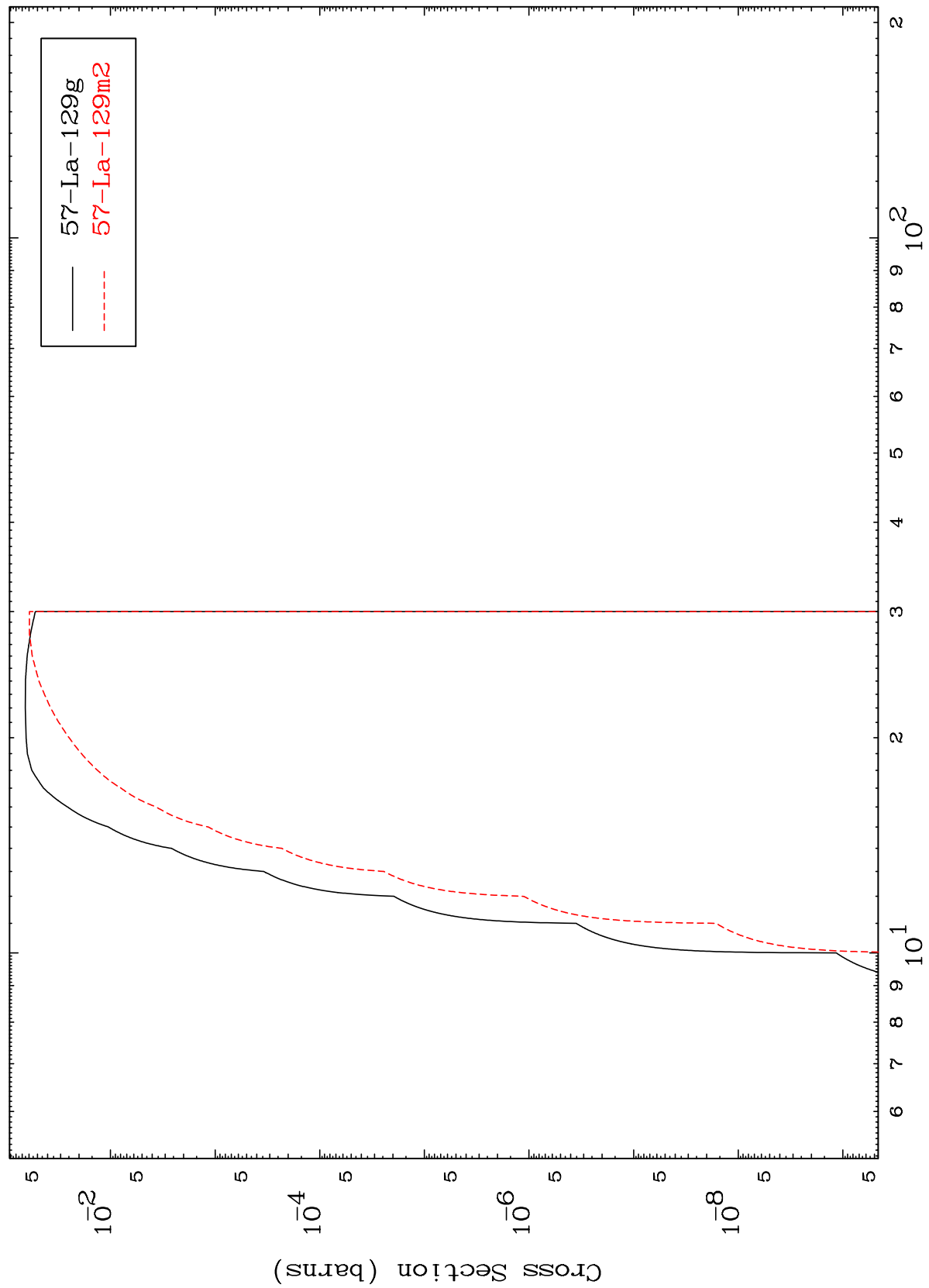
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

(n,2p)
Radionuclide Production Cross Section

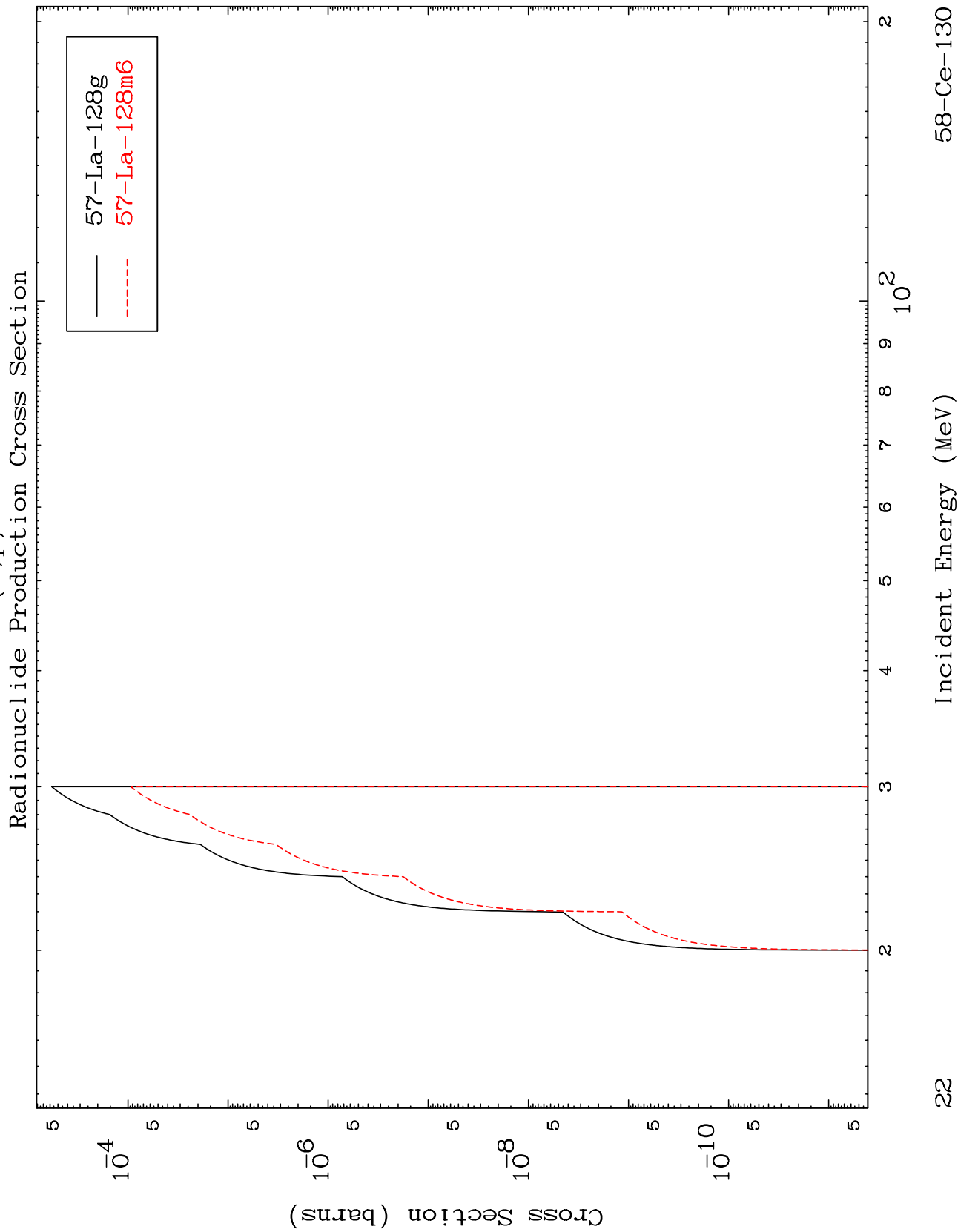


57-La-129g
57-La-129m2

58-Ce-130

Incident Energy (MeV)

21

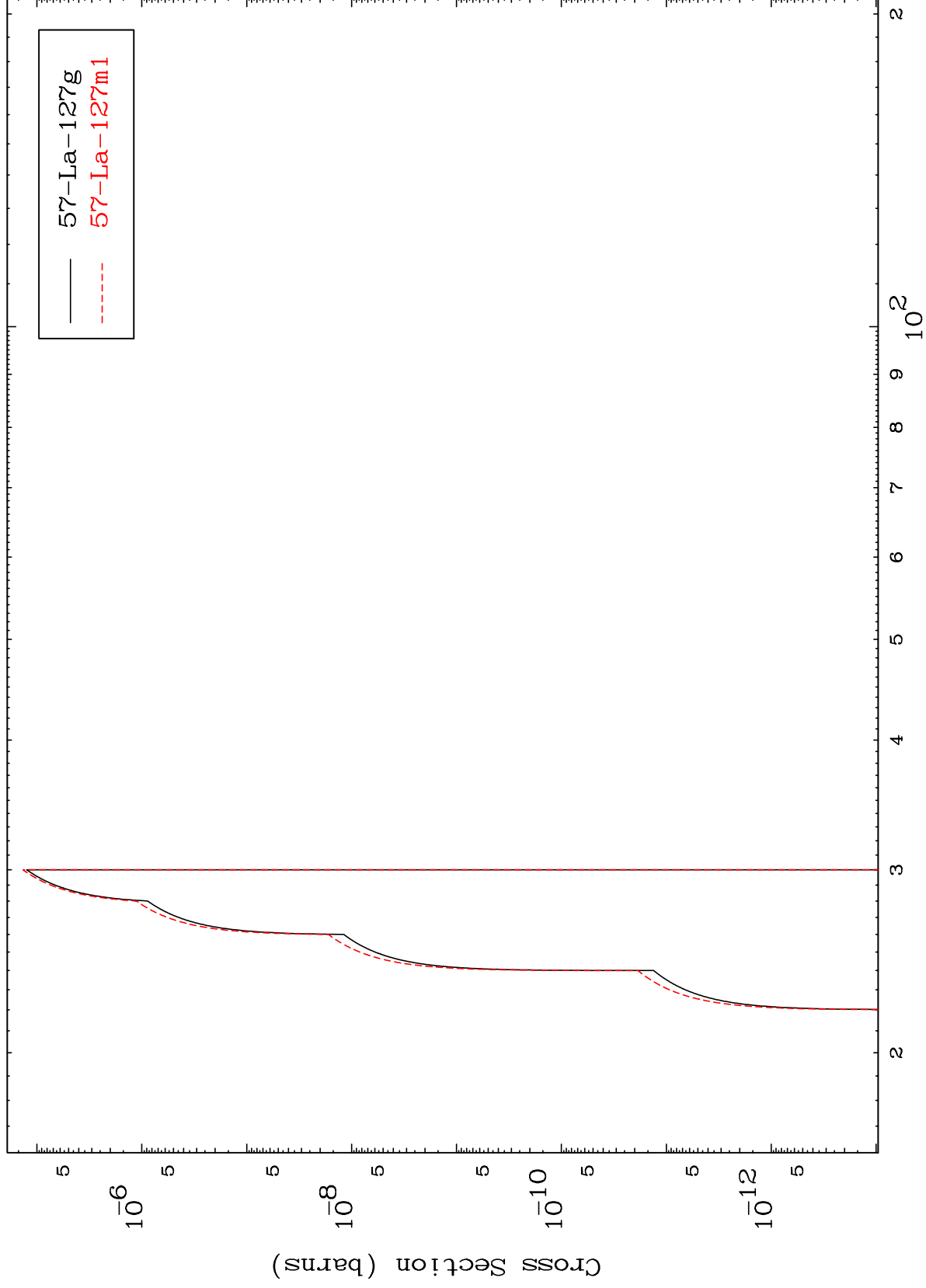


MAT 5807

(n,p) t

58-Ce-130

Radionuclide Production Cross Section



23

Incident Energy (MeV)

58-Ce-130