

Program EVALPLOT
(Version 2021-1)

by

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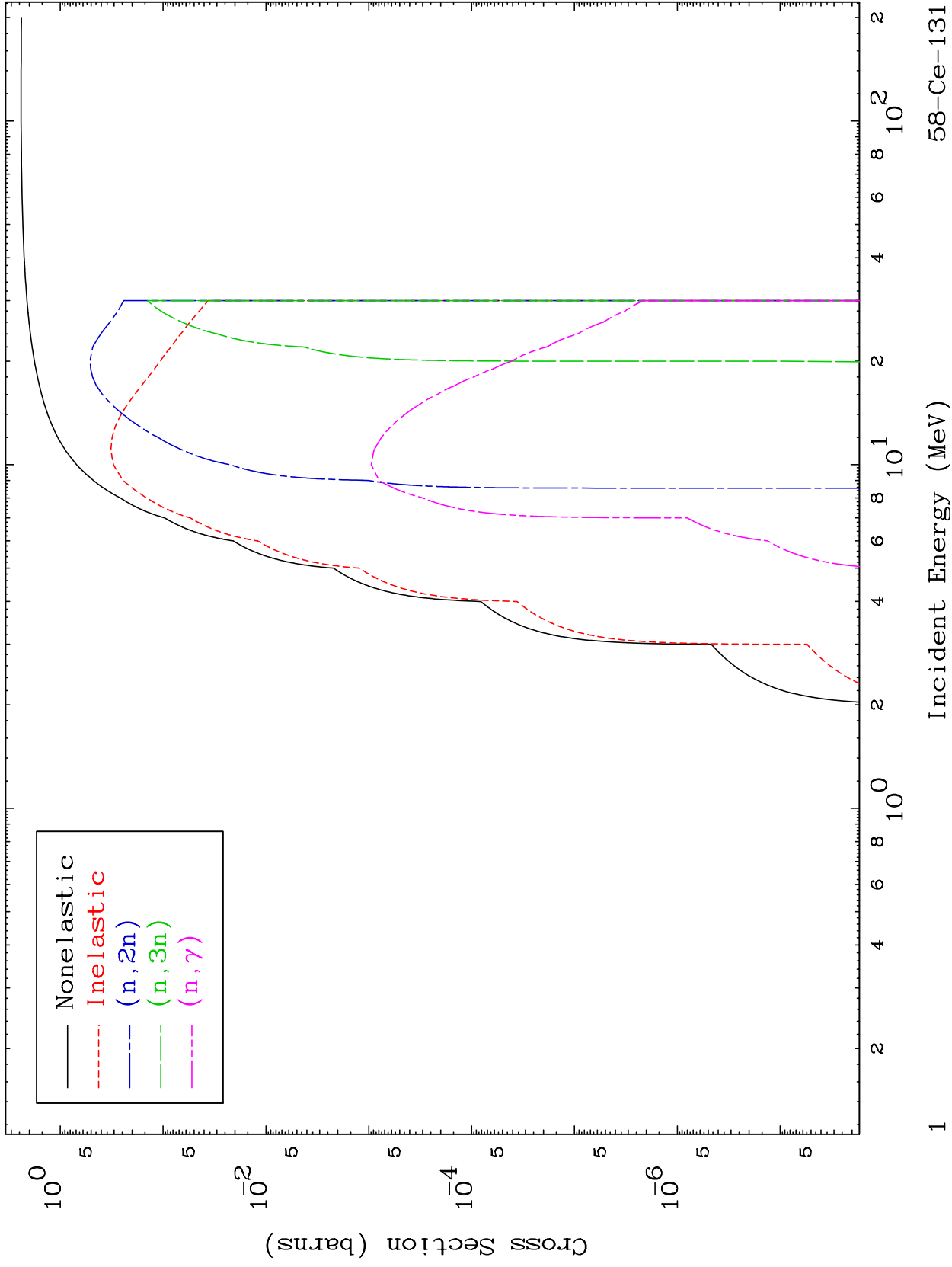
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5810

Deuteron Major
0 Kelvin Cross Sections

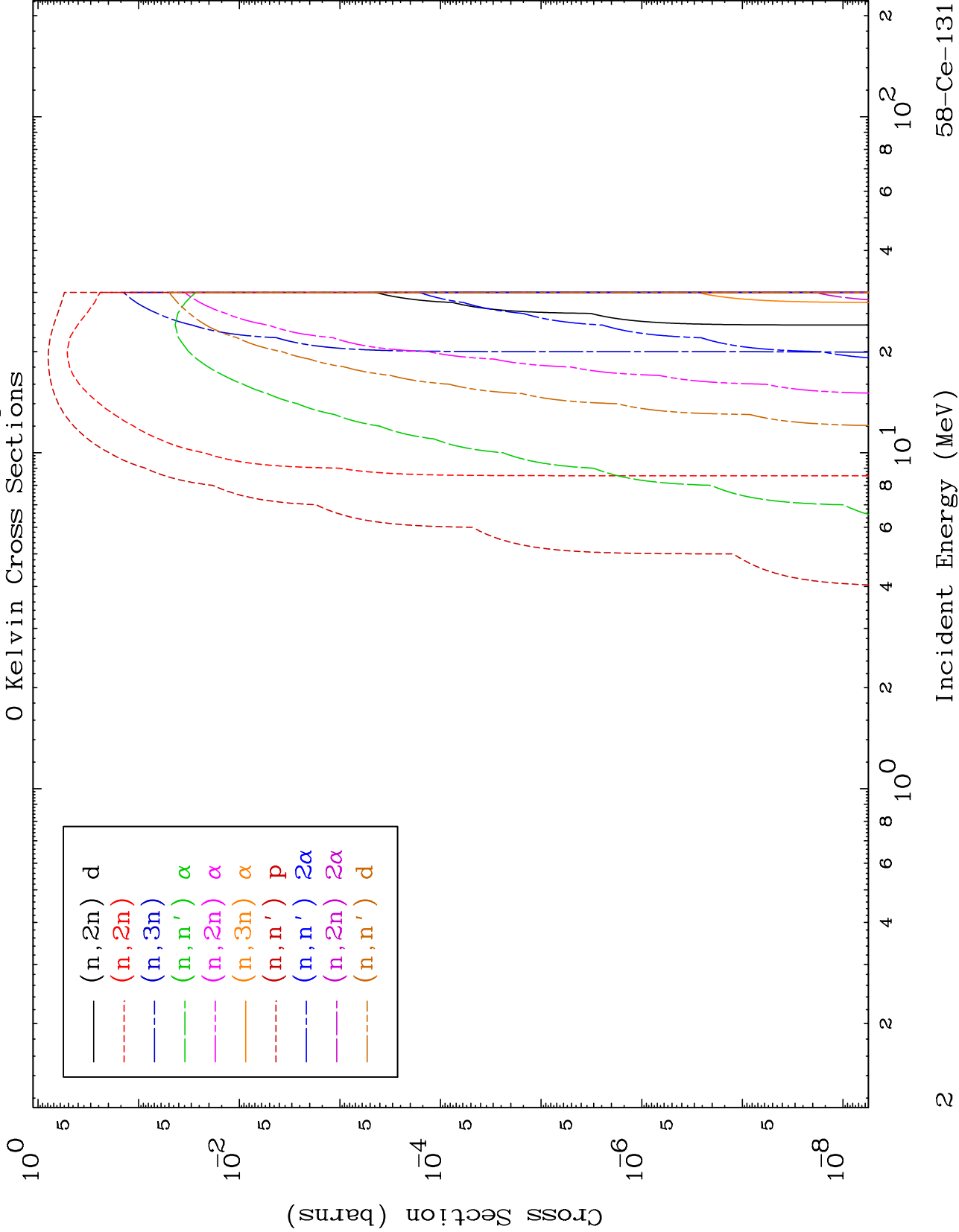
58-Ce-131



MAT 5810

Deuteron Neutron Absorption
0 Kelvin Cross Sections

58-Ce-131



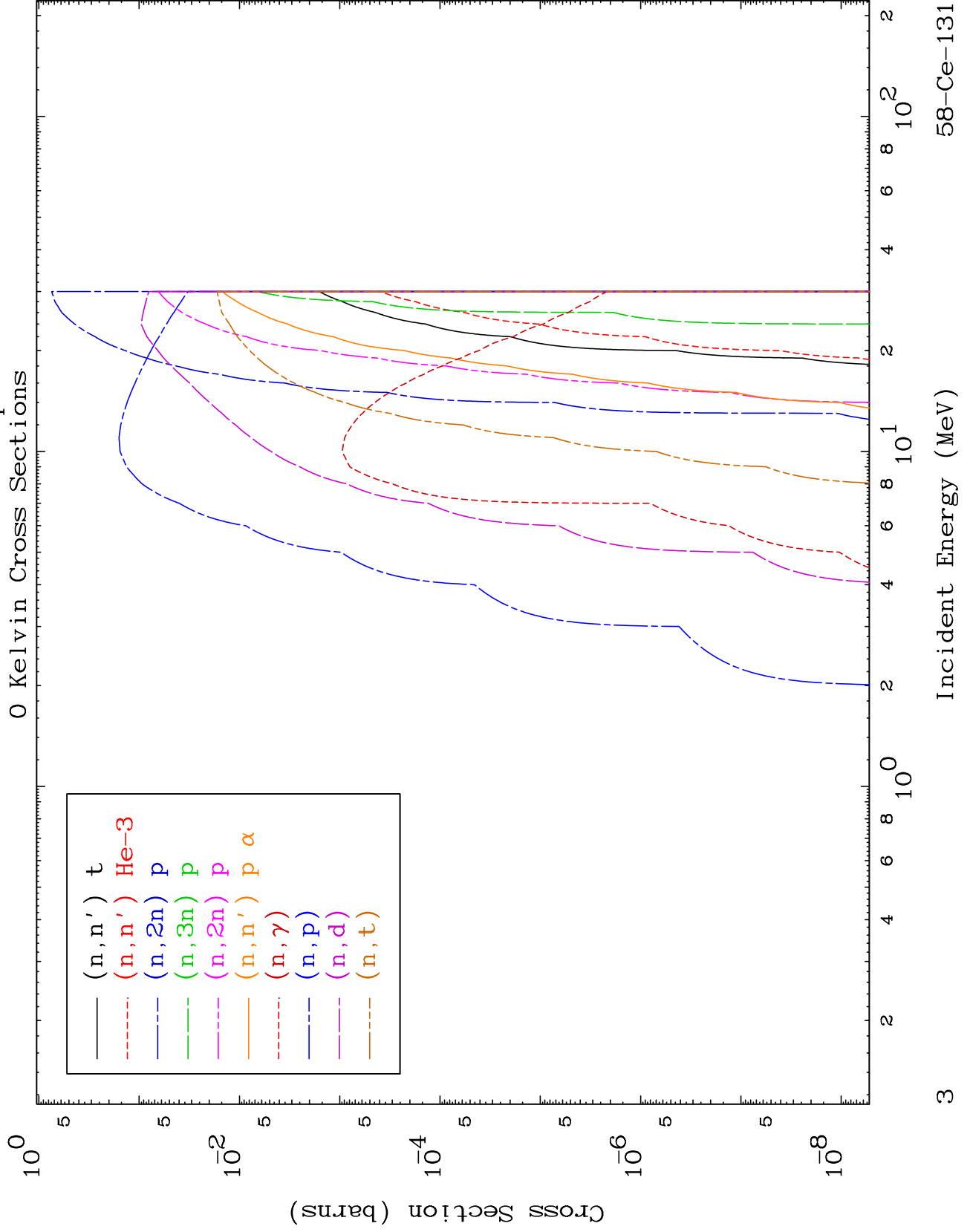
58-Ce-131

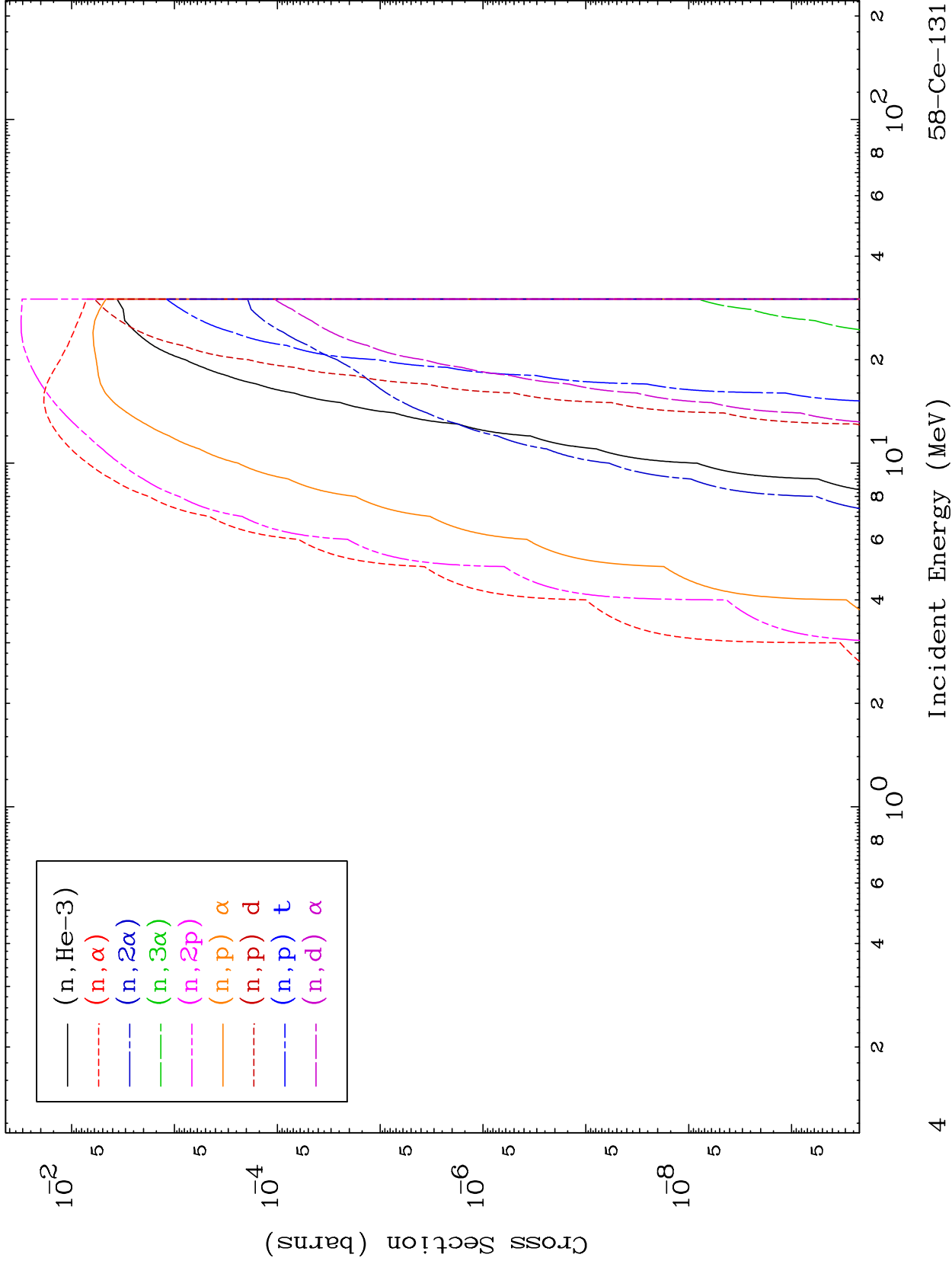
Incident Energy (MeV)

MAT 5810

Deuteron Neutron Absorption
0 Kelvin Cross Sections

58-Ce-131

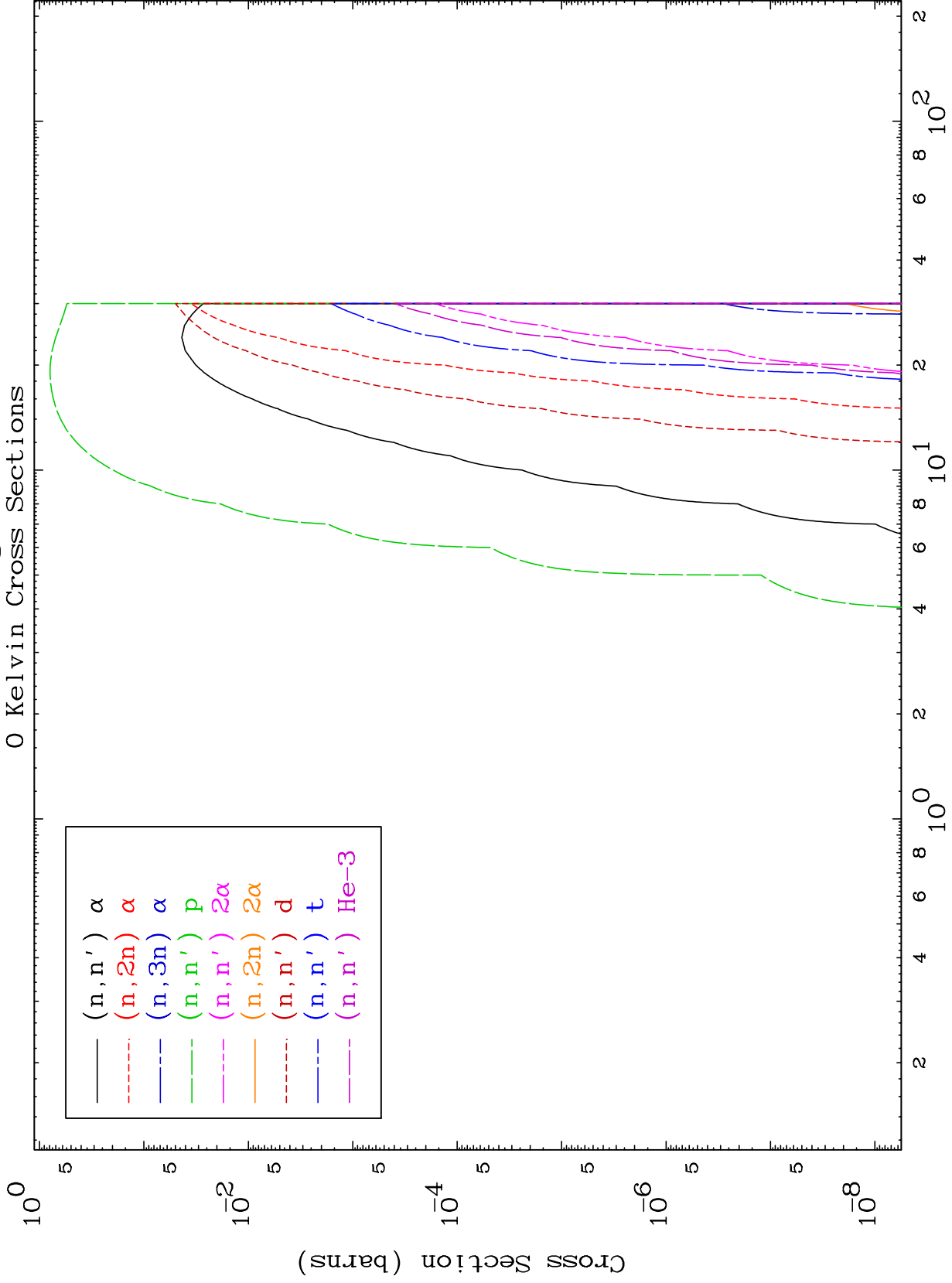




MAT 5810

Deuteron Charged Particle
0 Kelvin Cross Sections

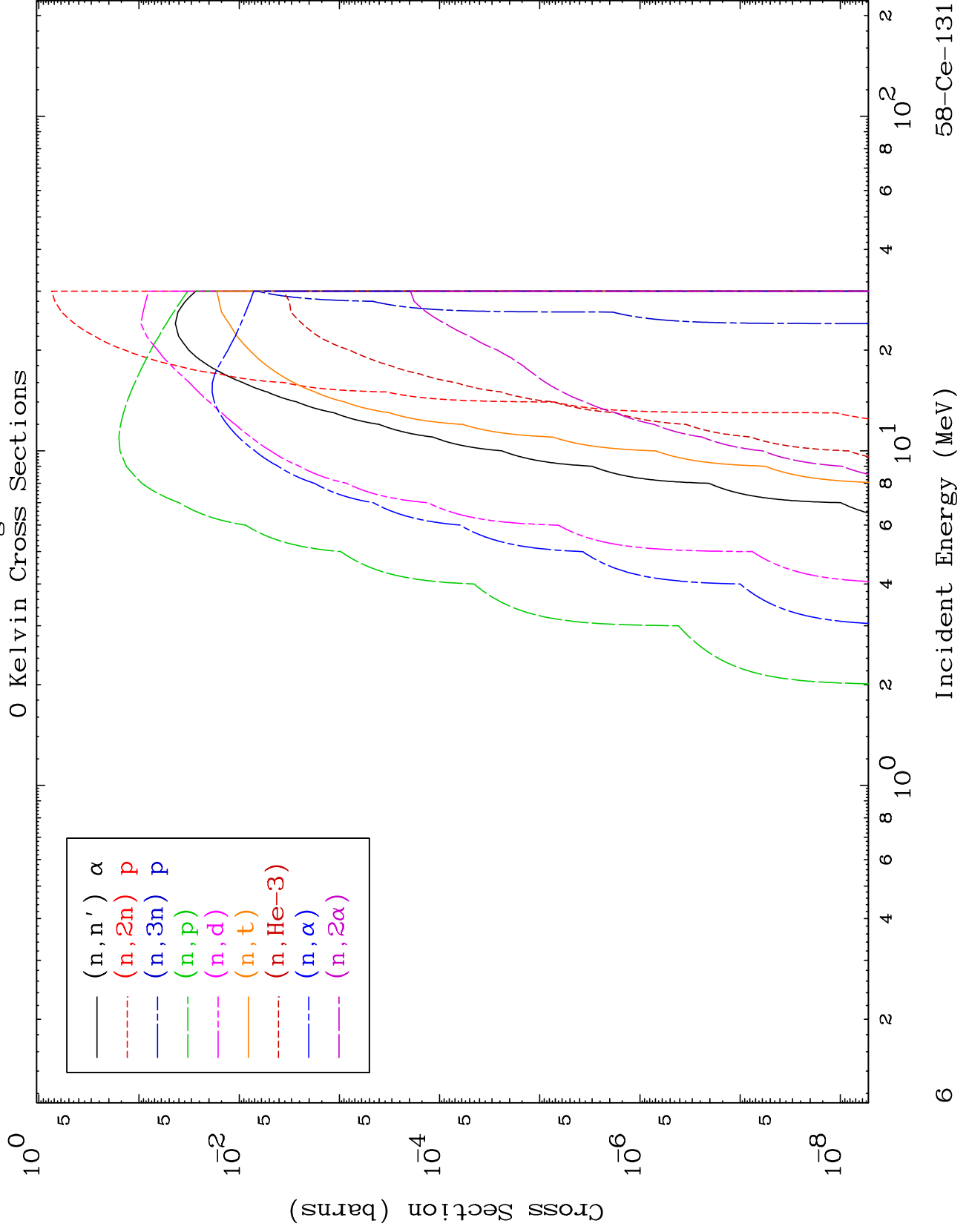
58-Ce-131

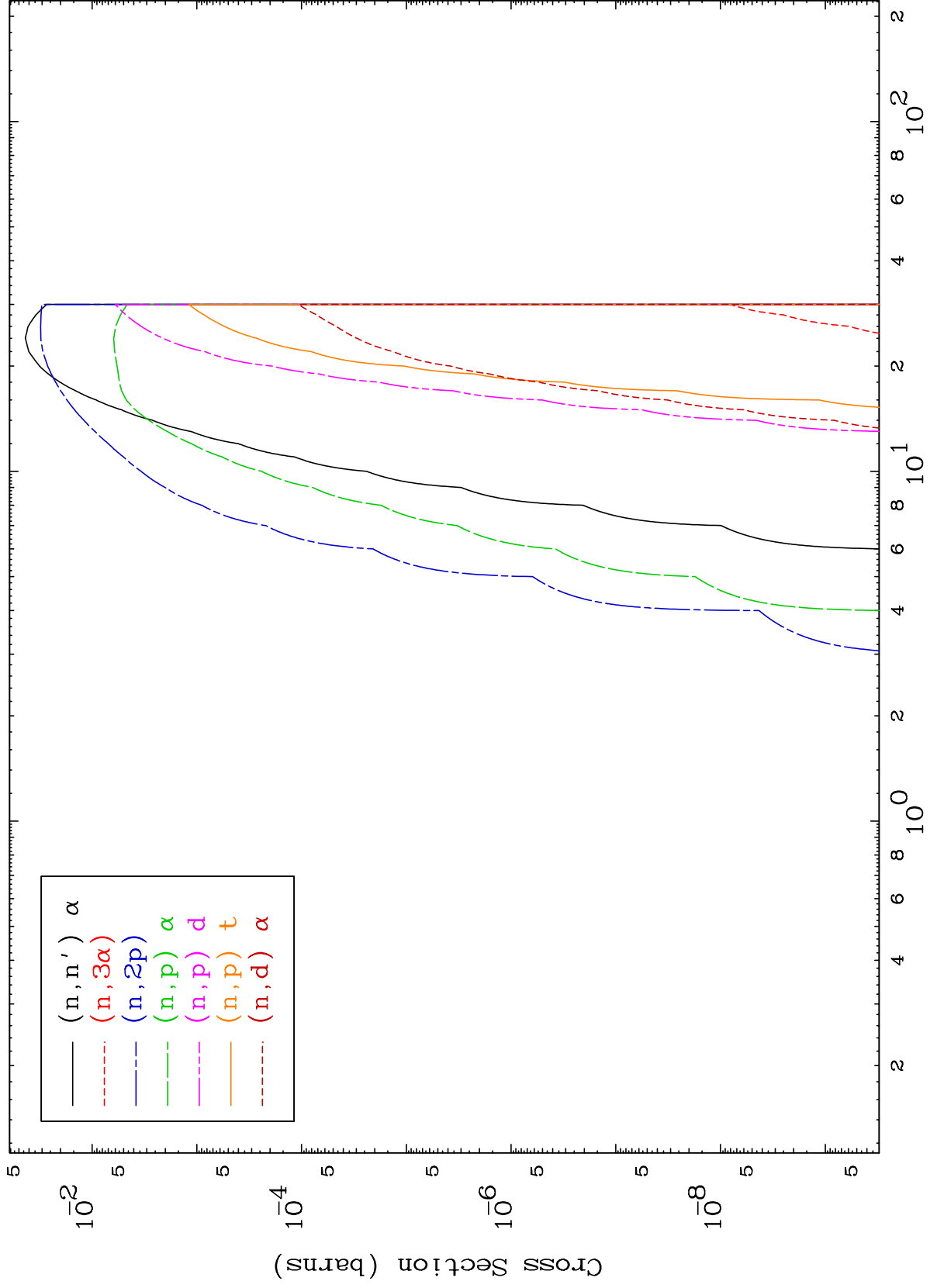


MAT 5810

Deuteron Charged Particle
0 Kelvin Cross Sections

58-Ce-131



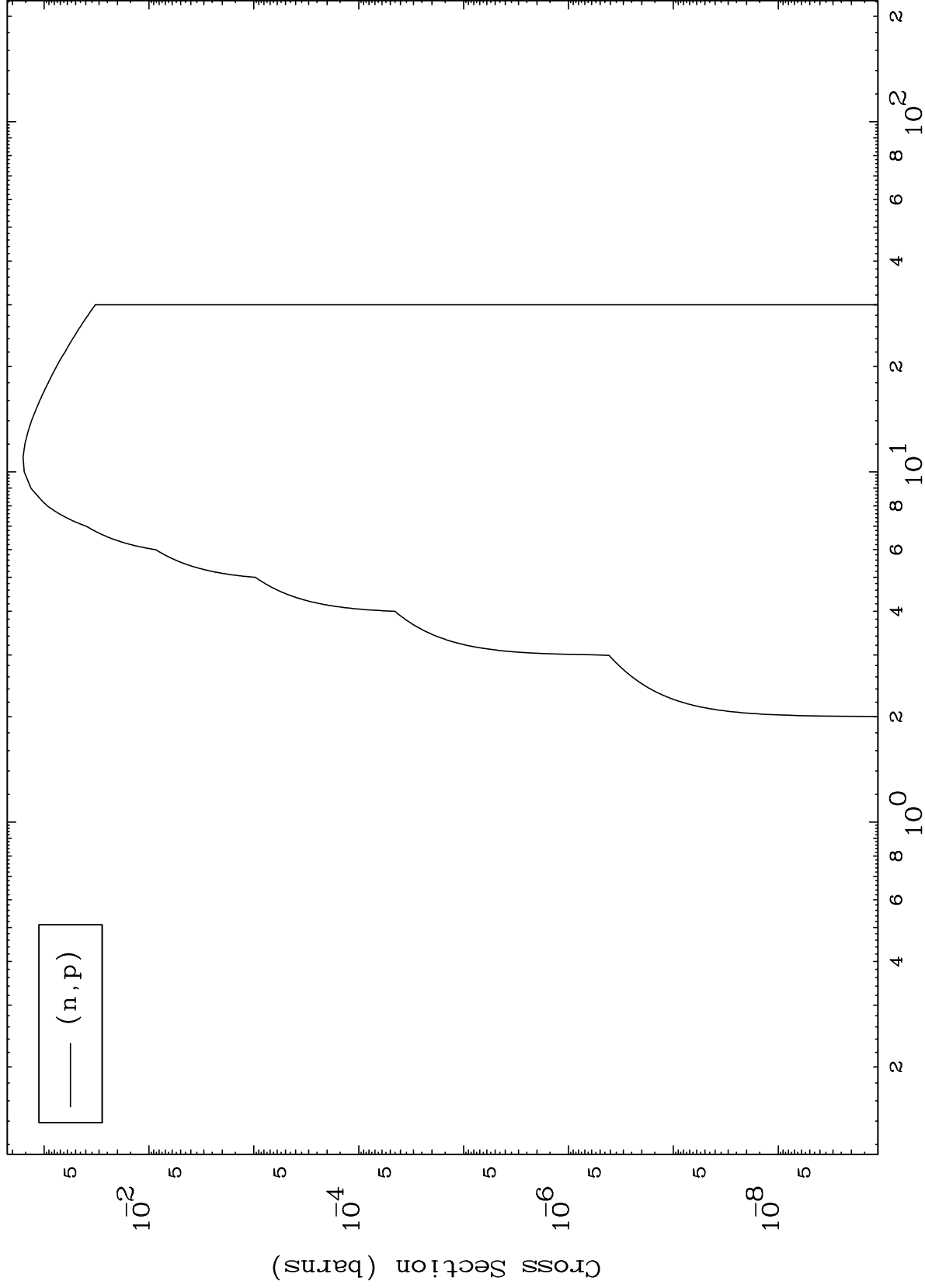


MAT 5810

(d,p) Levels

58-Ce-131

0 Kelvin Cross Sections

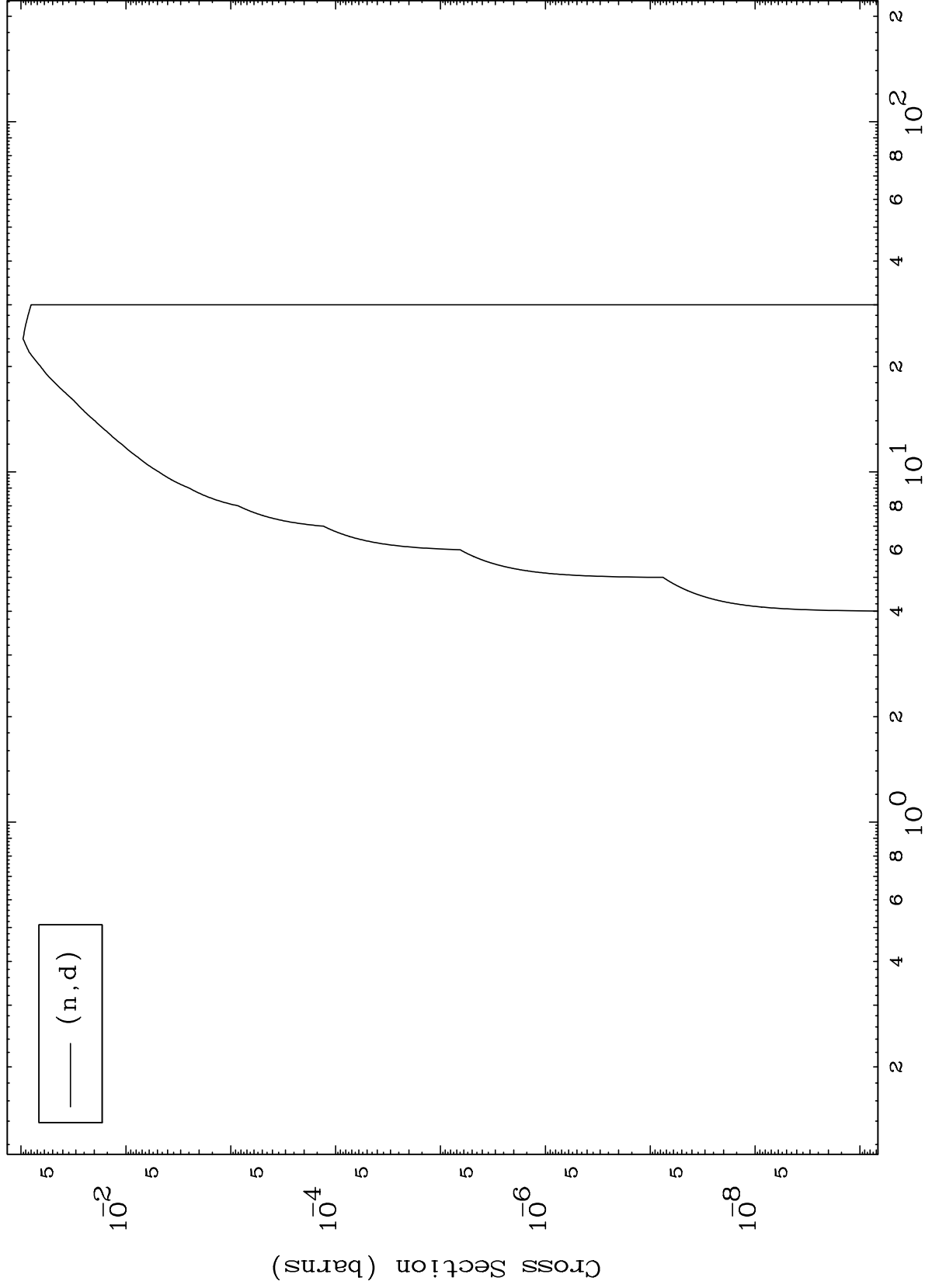


MAT 5810

(d,d) Levels

58-Ce-131

0 Kelvin Cross Sections

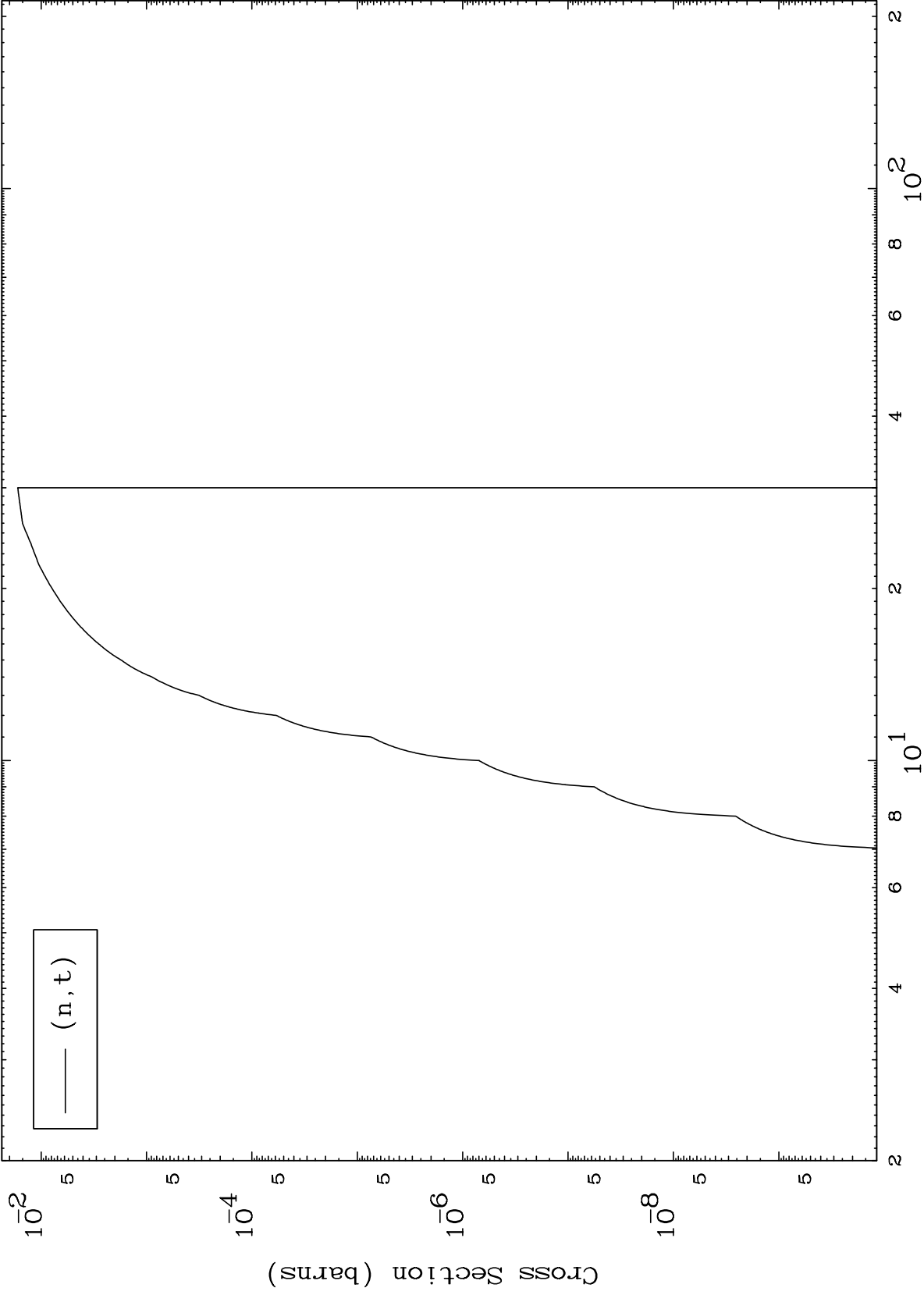


MAT 5810

(d,t) Levels

58-Ce-131

0 Kelvin Cross Sections



10

Incident Energy (MeV)

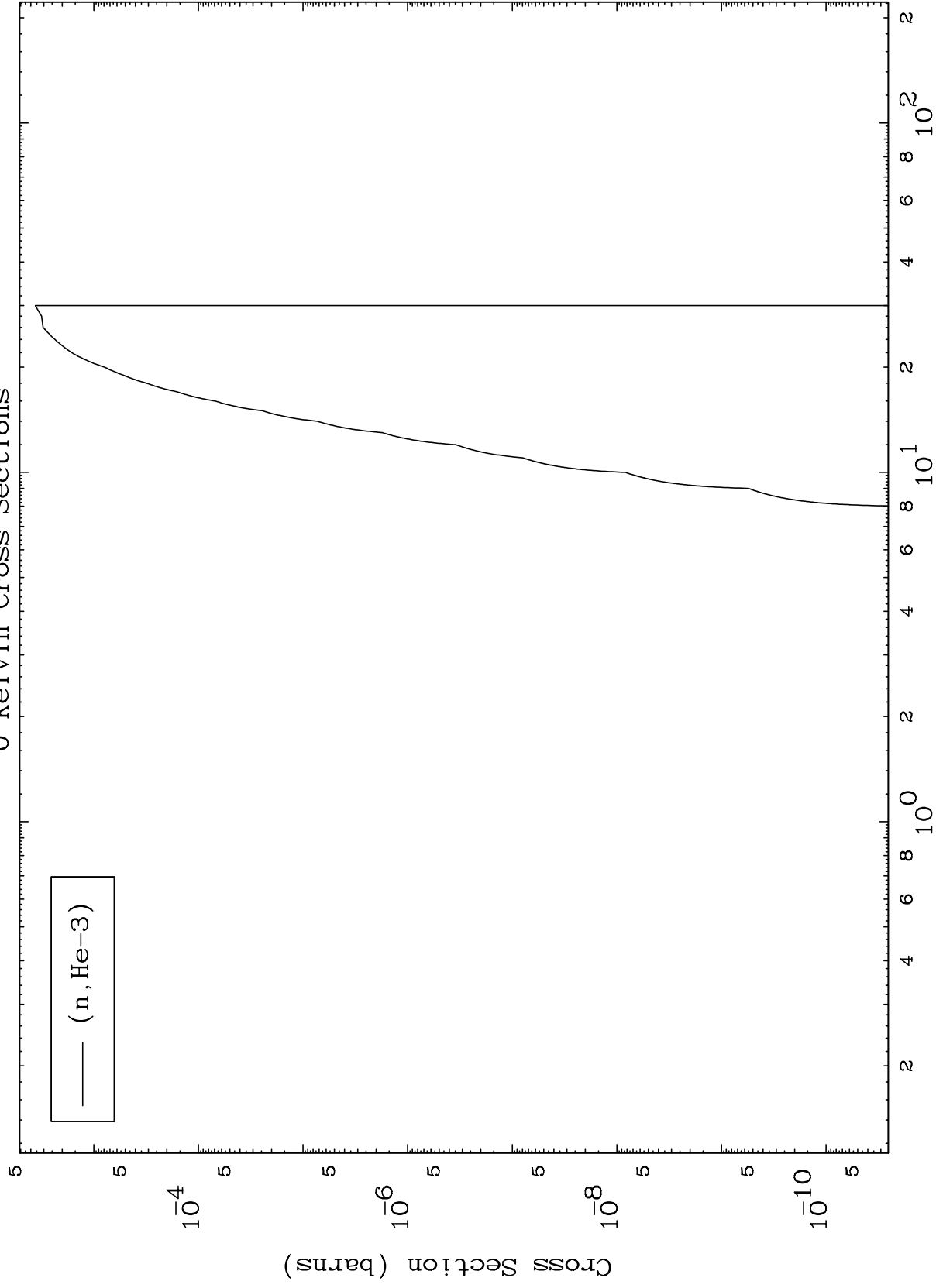
58-Ce-131

MAT 5810

(d,He3) Levels

58-Ce-131

0 Kelvin Cross Sections



11

Incident Energy (MeV)

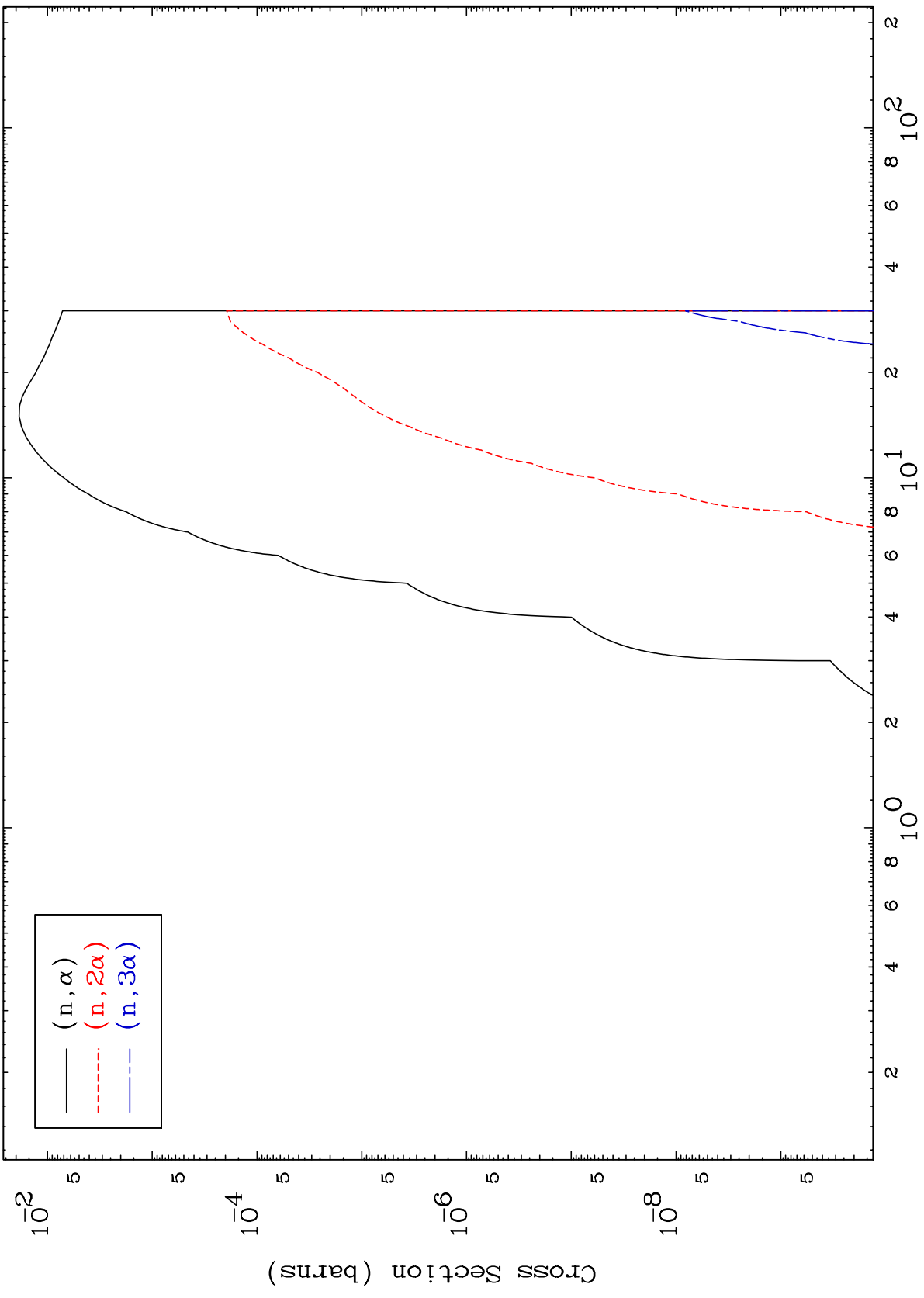
58-Ce-131

MAT 5810

(d, α) Levels

58-Ce-131

0 Kelvin Cross Sections



12

Incident Energy (MeV)

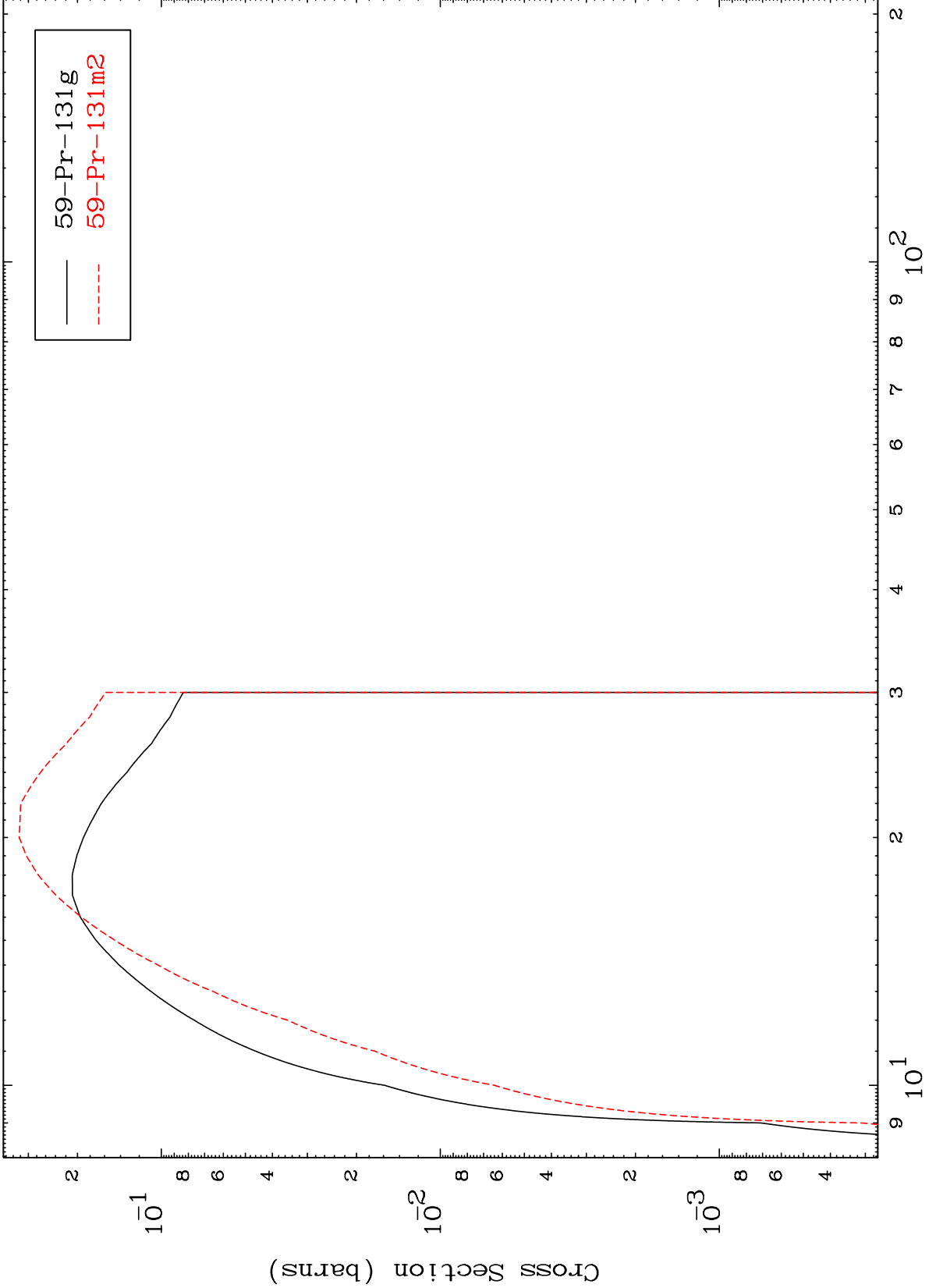
58-Ce-131

MAT 5810

(n,2n)

58-Ce-131

Radionuclide Production Cross Section



59-Pr-131g
59-Pr-131m2

13

Incident Energy (MeV)

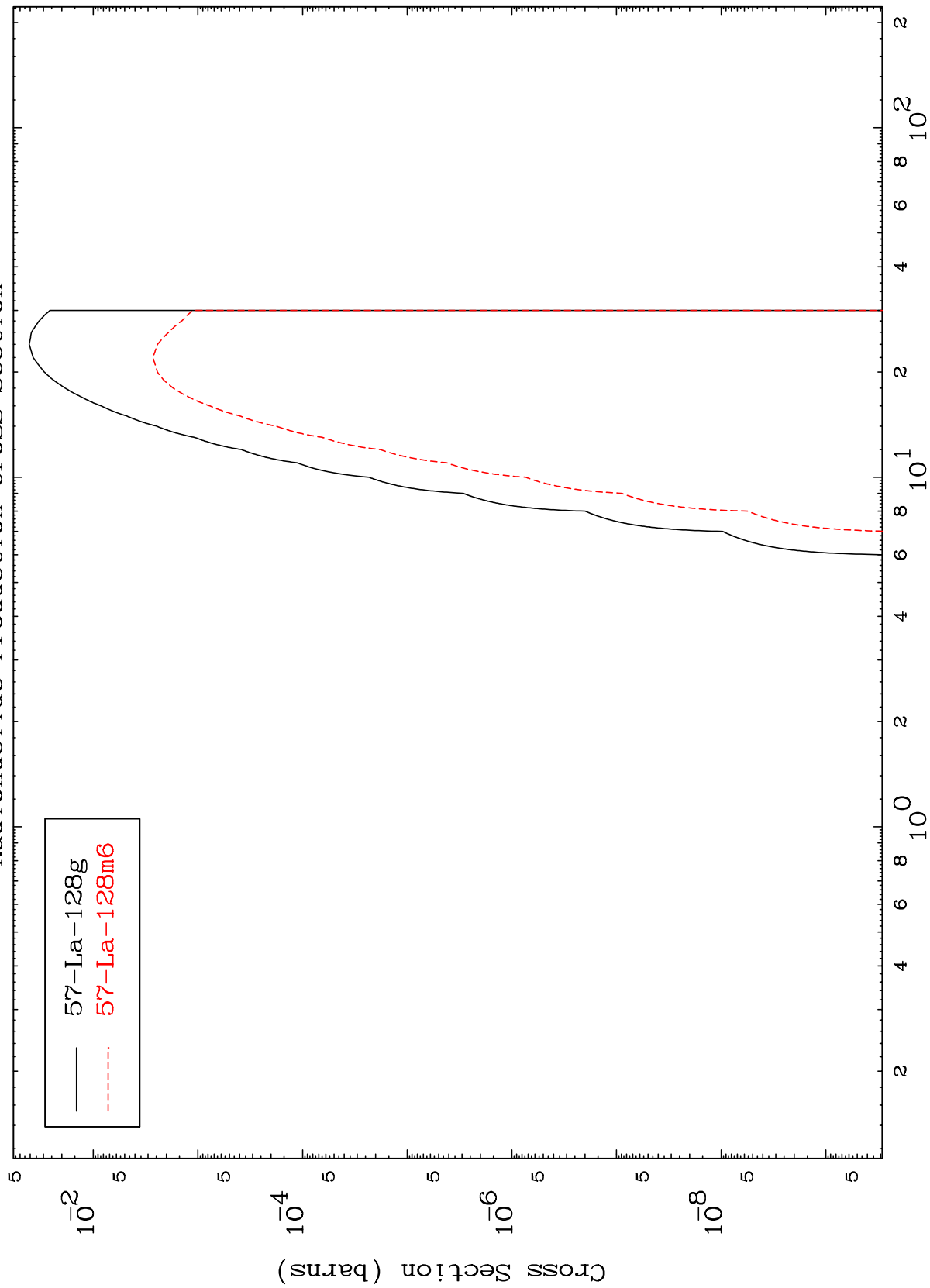
58-Ce-131

MAT 5810

$(n, n') \alpha$

58-Ce-131

Radionuclide Production Cross Section



14

Incident Energy (MeV)

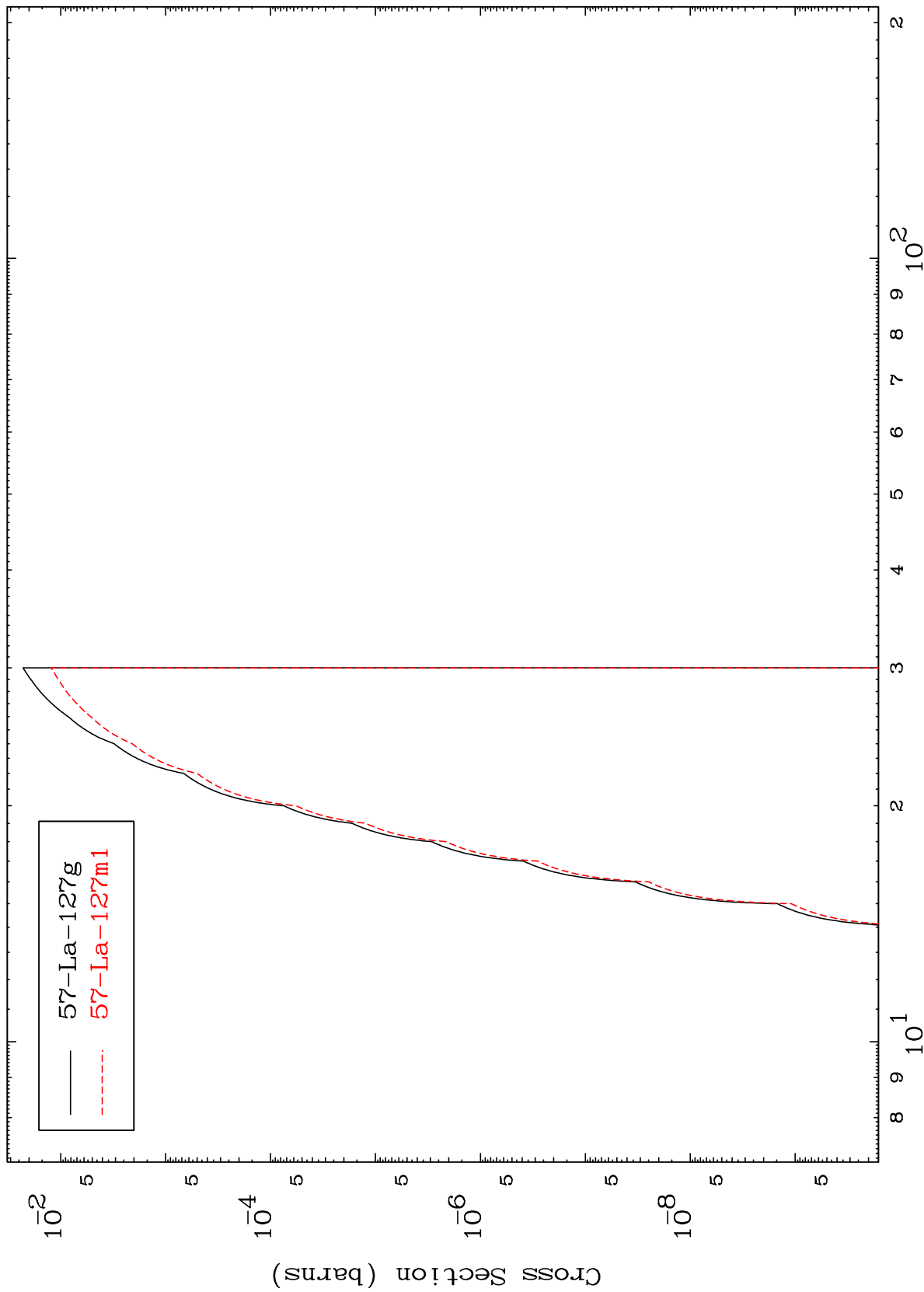
58-Ce-131

MAT 5810

(n,2n) α

58-Ce-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

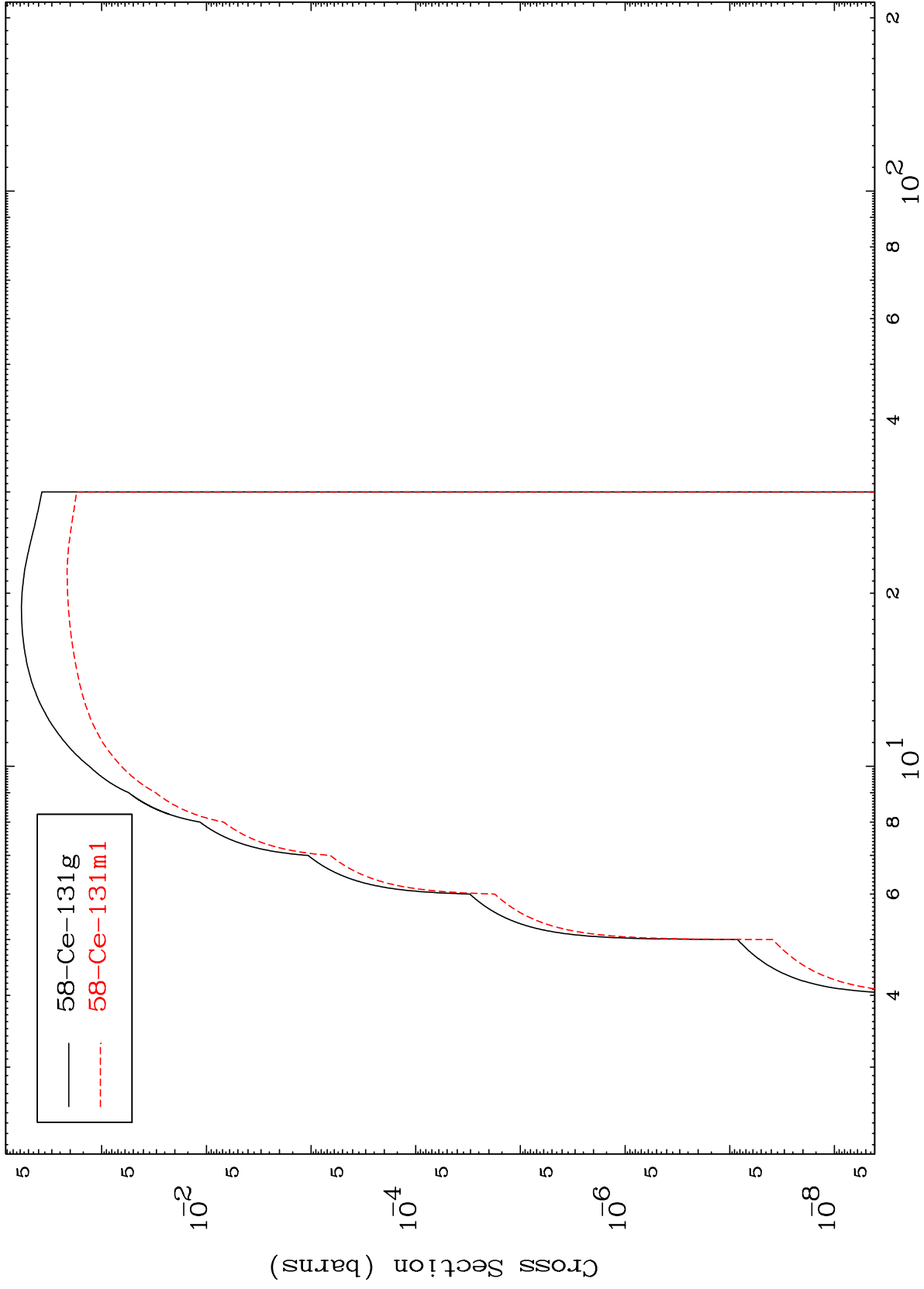
58-Ce-131

MAT 5810

(n,n') p

58-Ce-131

Radionuclide Production Cross Section



16

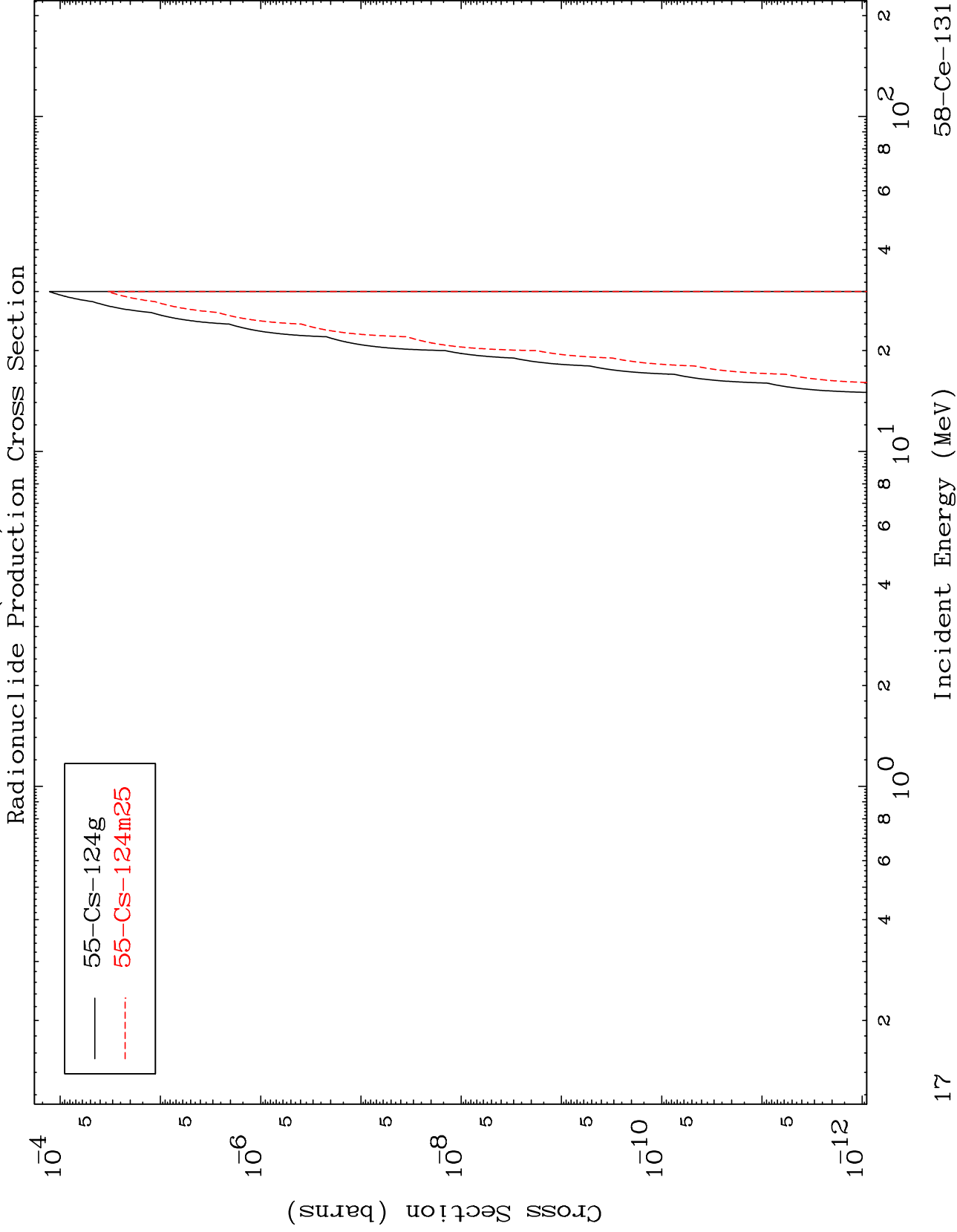
Incident Energy (MeV)

58-Ce-131

MAT 5810

(n,n') 2 α

58-Ce-131

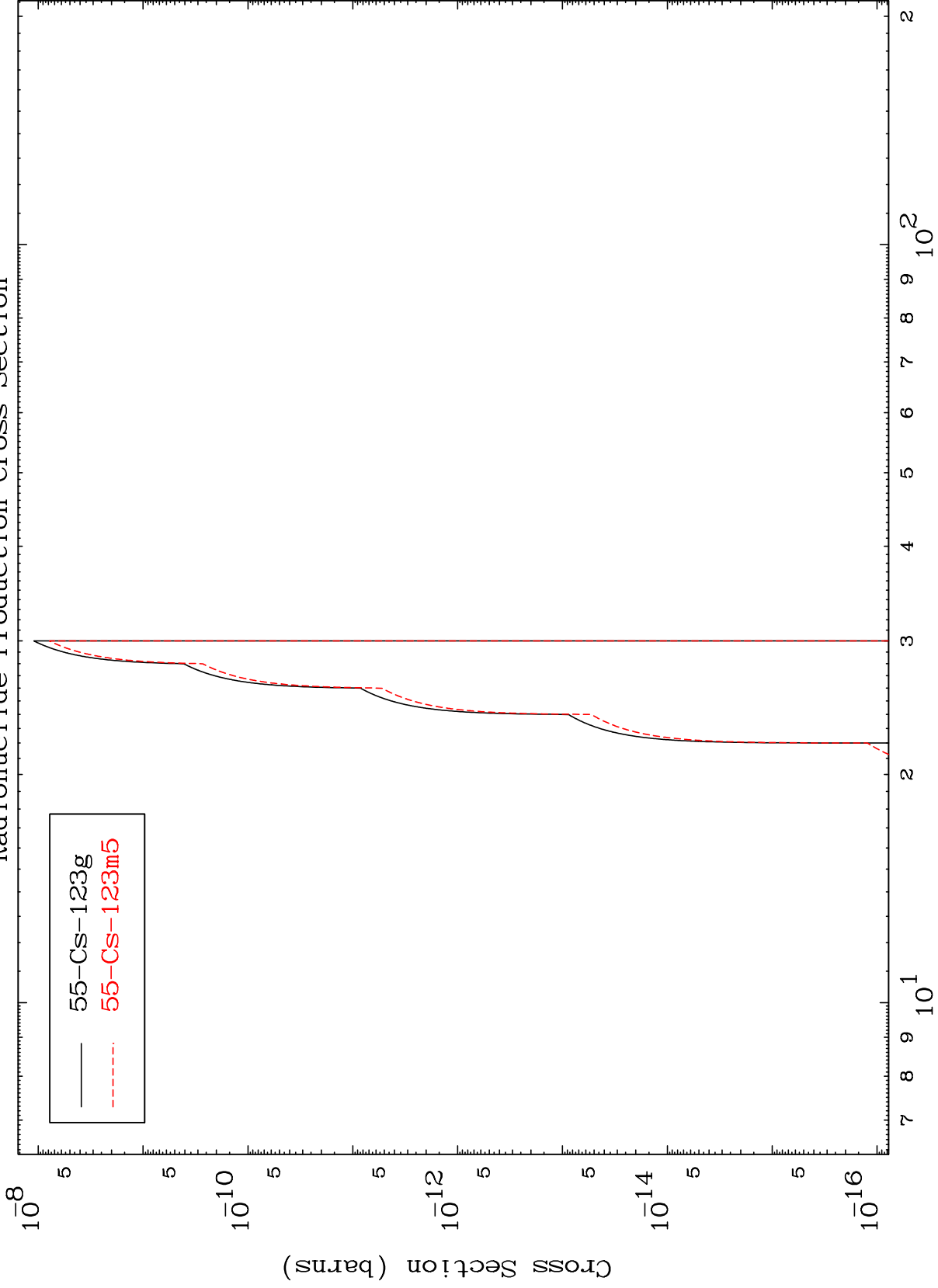


MAT 5810

(n,2n) 2α

58-Ce-131

Radionuclide Production Cross Section



18

Incident Energy (MeV)

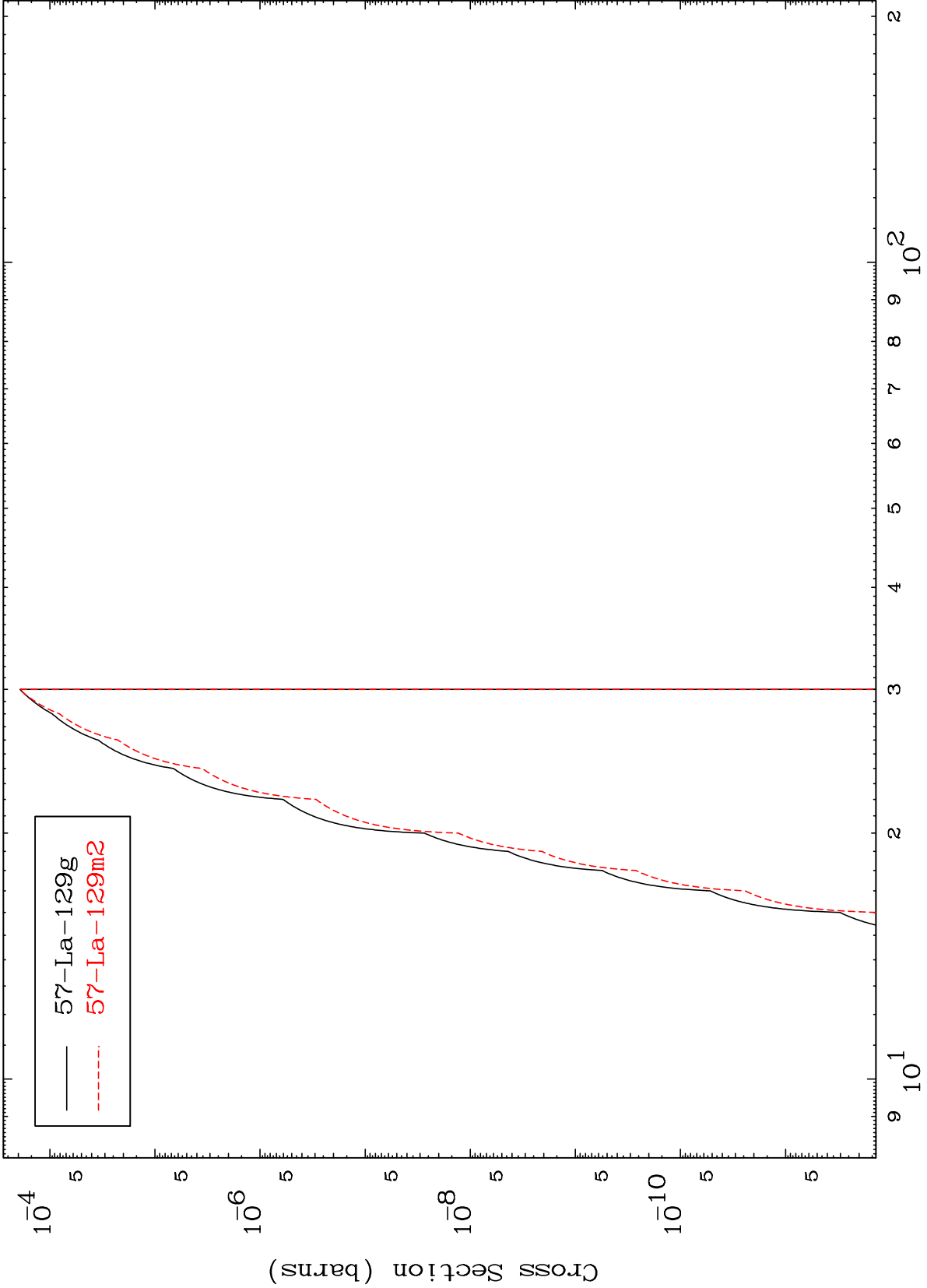
58-Ce-131

MAT 5810

(n,n') He-3

58-Ce-131

Radionuclide Production Cross Section



19

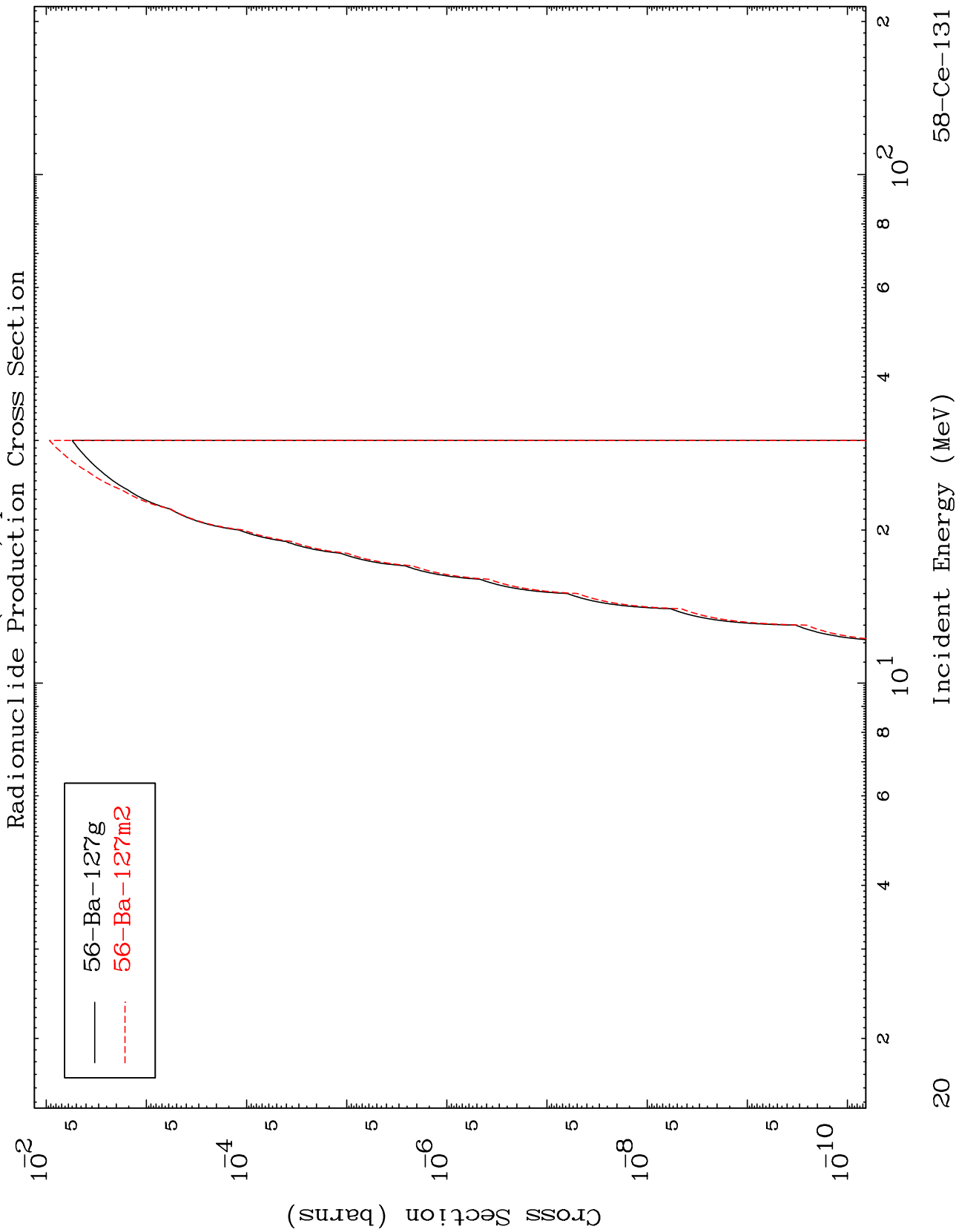
Incident Energy (MeV)

58-Ce-131

MAT 5810

(n,n') p α

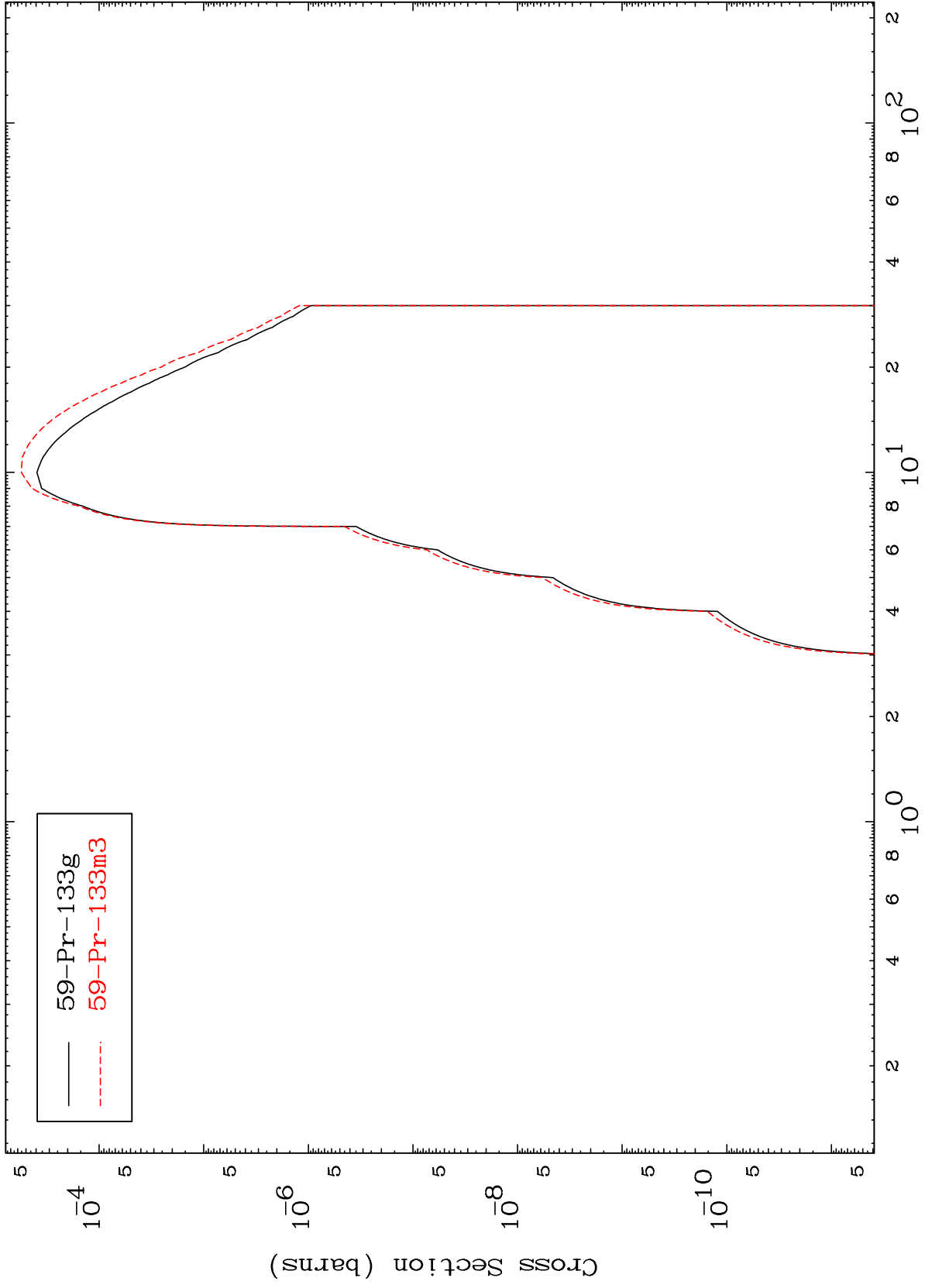
58-Ce-131



MAT 5810

58-Ce-131

(n, γ)
Radionuclide Production Cross Section

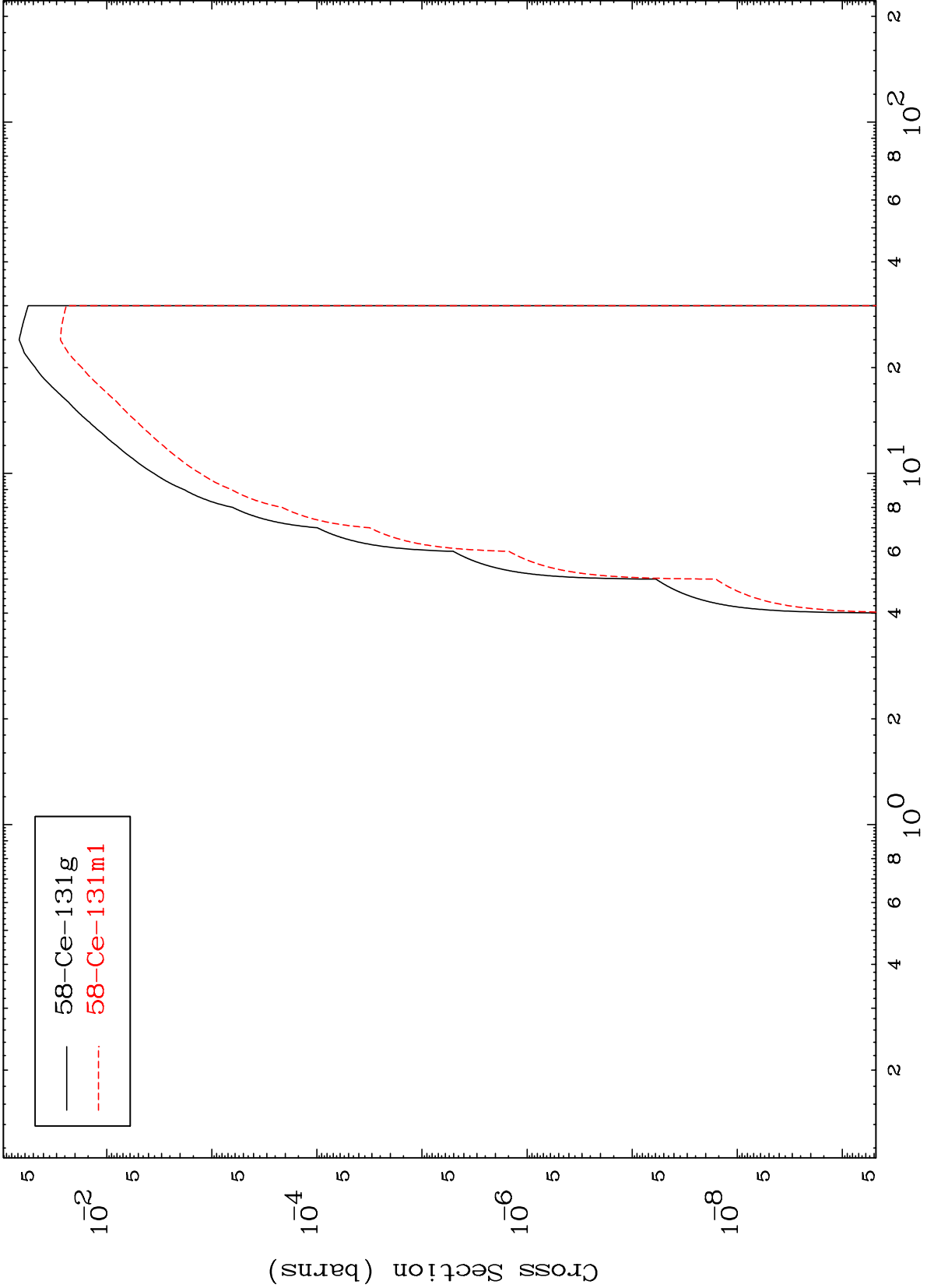


MAT 5810

(n,d)

58-Ce-131

Radionuclide Production Cross Section

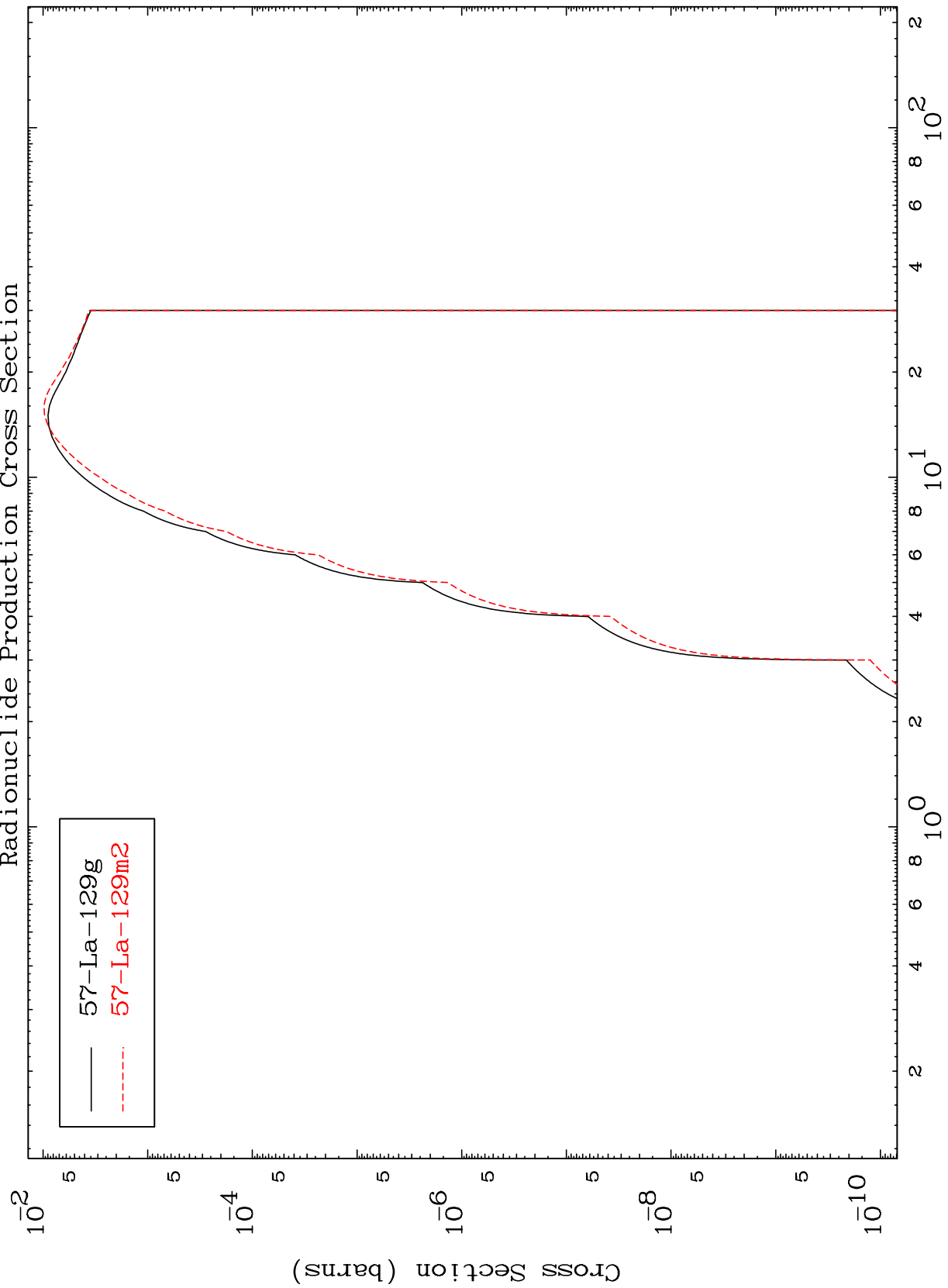


58-Ce-131g
58-Ce-131m1

MAT 5810

58-Ce-131

(n, α)
Radionuclide Production Cross Section



— 57-La-129g
- - - 57-La-129m2

58-Ce-131

Incident Energy (MeV)

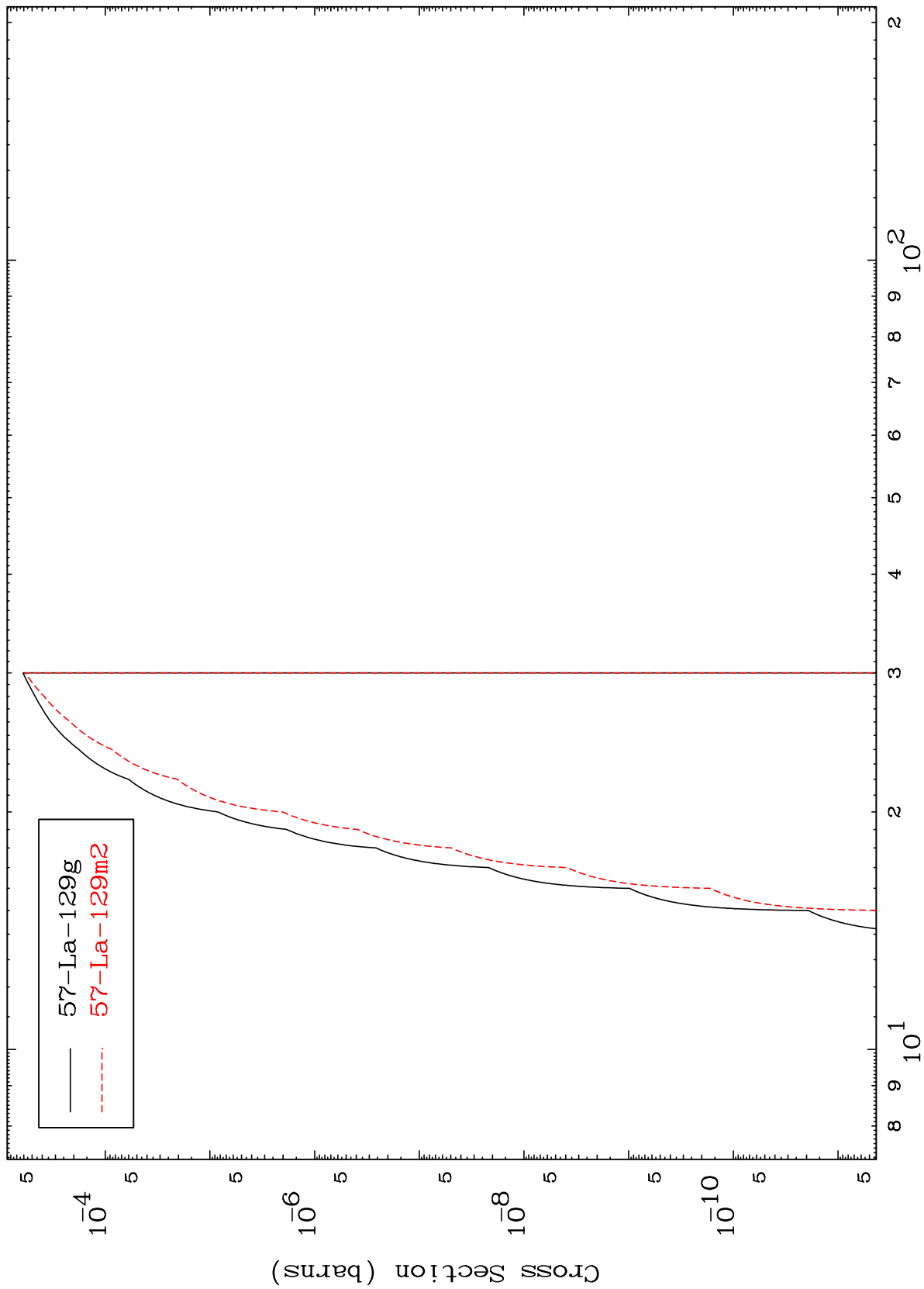
23

MAT 5810

(n,p) t

58-Ce-131

Radionuclide Production Cross Section



24

Incident Energy (MeV)

58-Ce-131

MAT 5810

(n,d) α

58-Ce-131

