

Program EVALPLOT
(Version 2021-1)

by

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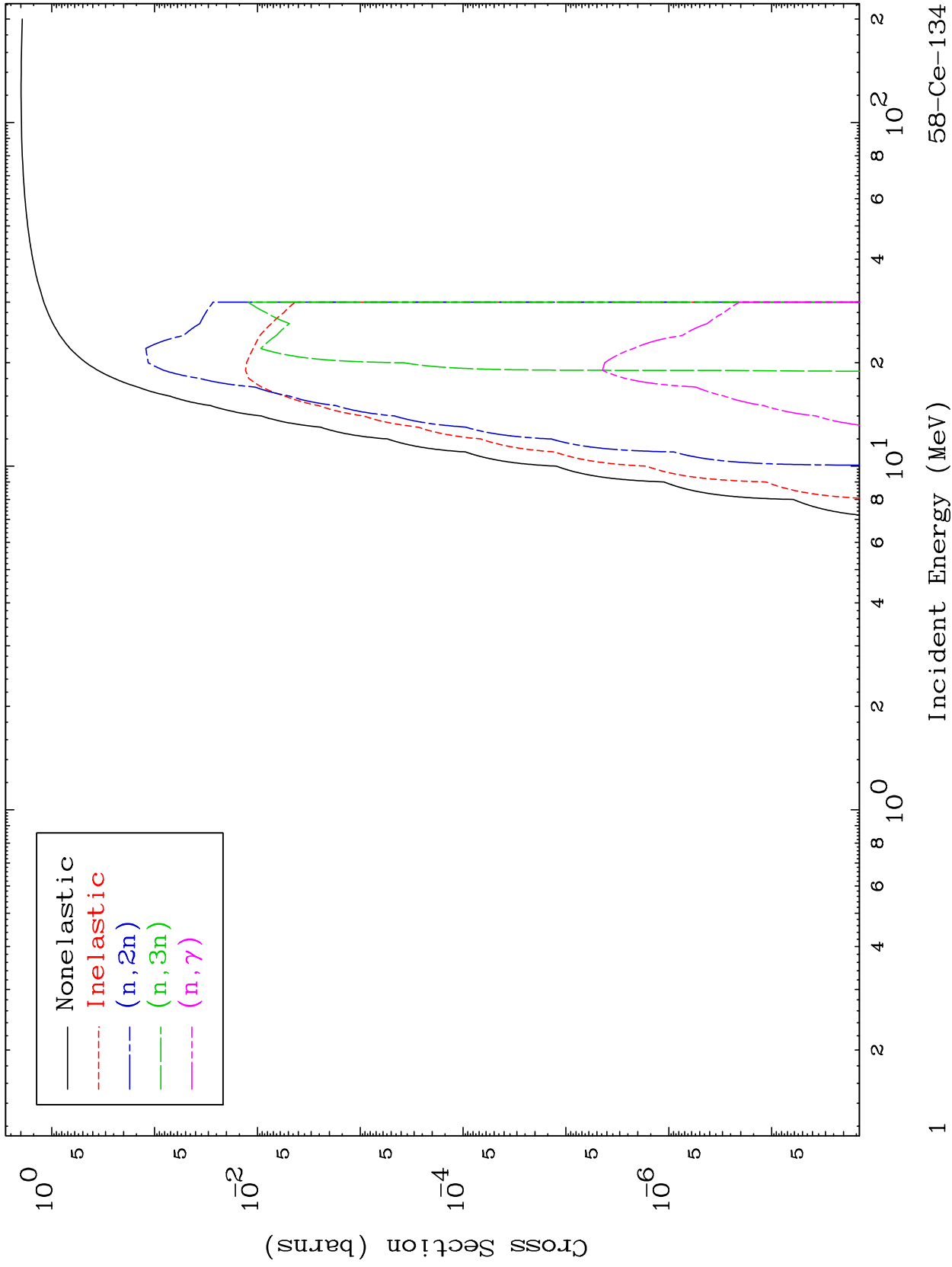
Press Mouse Button to Start

MAT 5819

He-3 Major

0 Kelvin Cross Sections

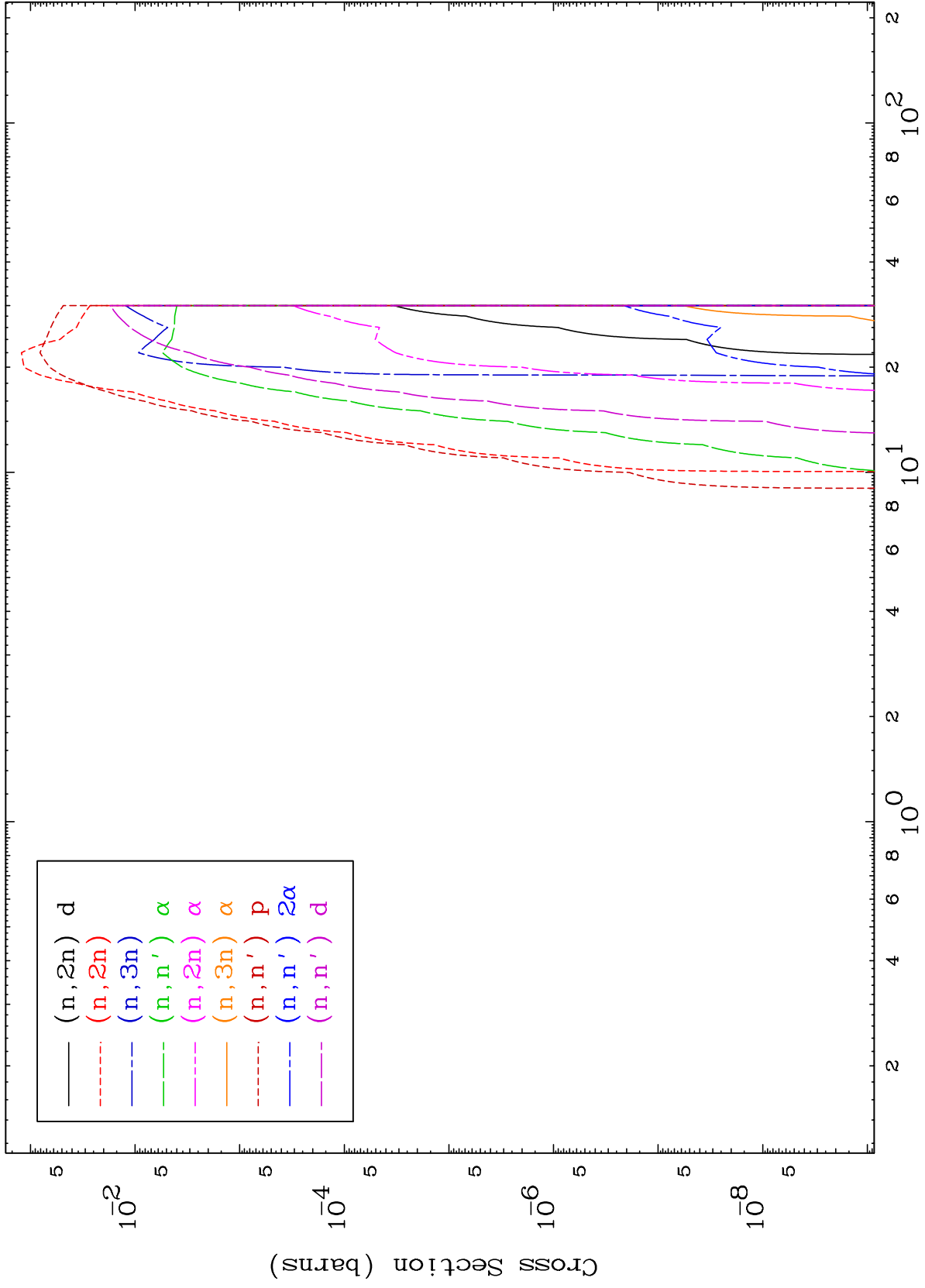
58-Ce-134



MAT 5819

He-3 Neutron Absorption
0 Kelvin Cross Sections

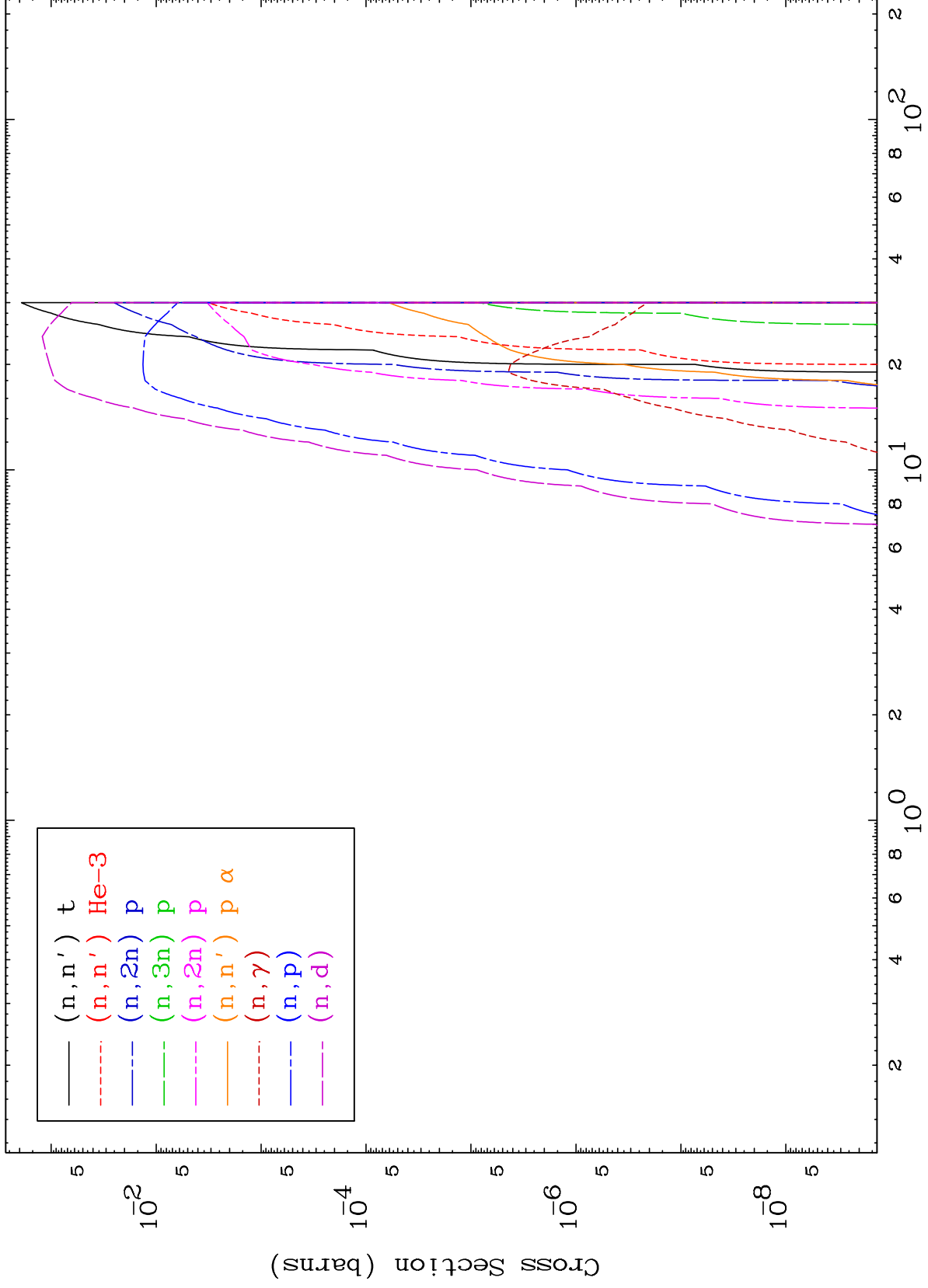
58-Ce-134



MAT 5819

He-3 Neutron Absorption
0 Kelvin Cross Sections

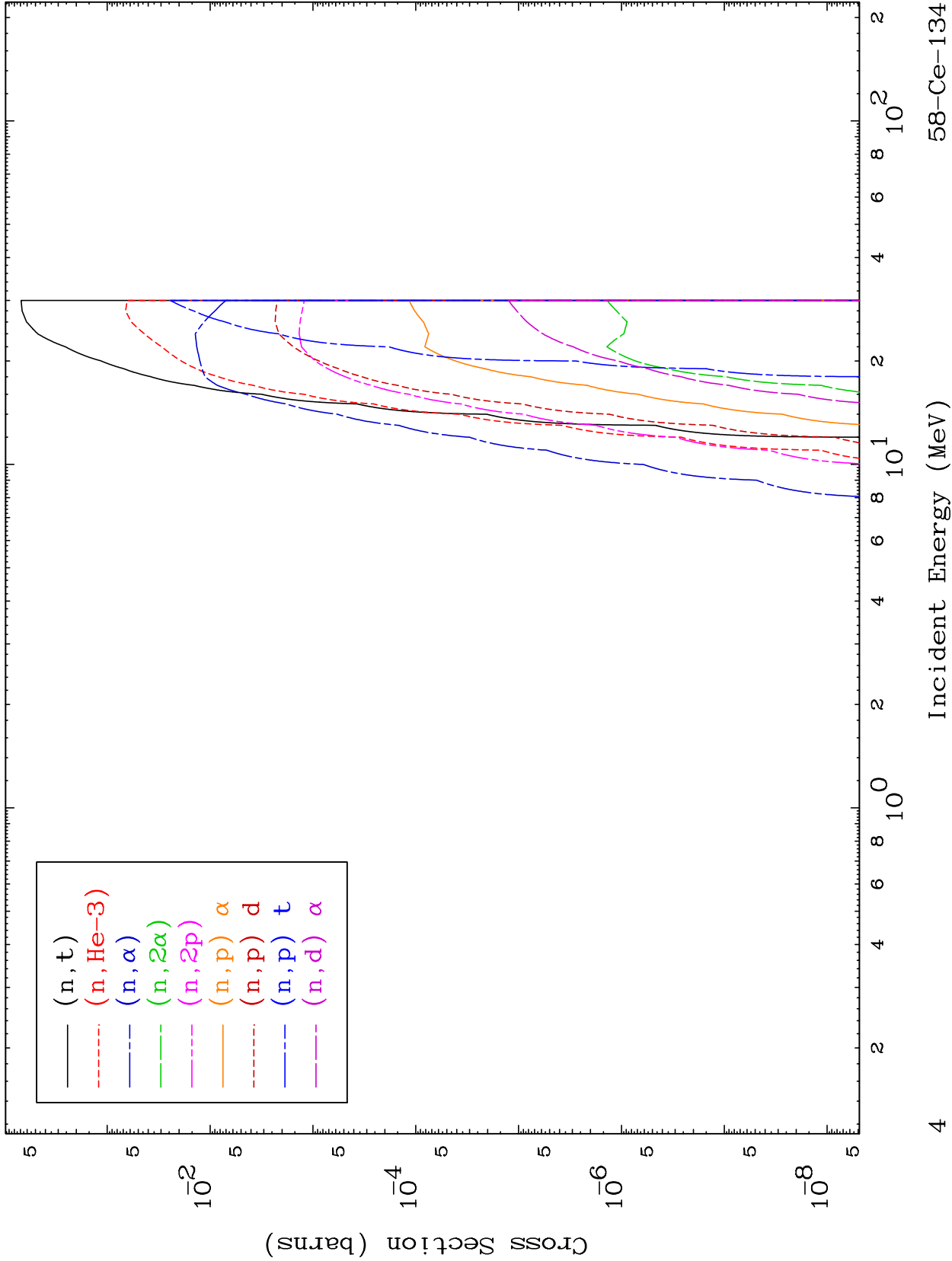
58-Ce-134

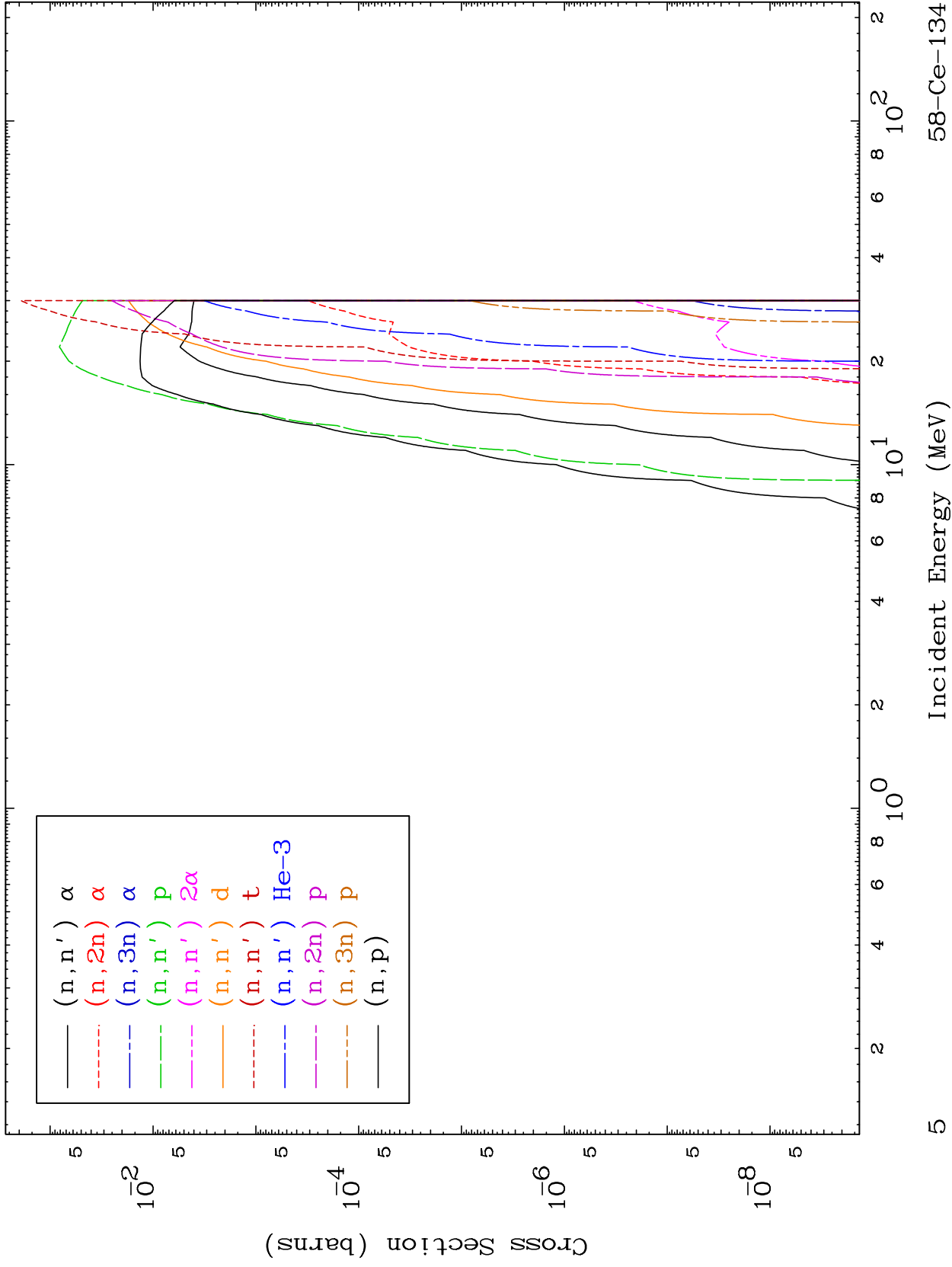


MAT 5819

He-3 Neutron Absorption
0 Kelvin Cross Sections

58-Ce-134

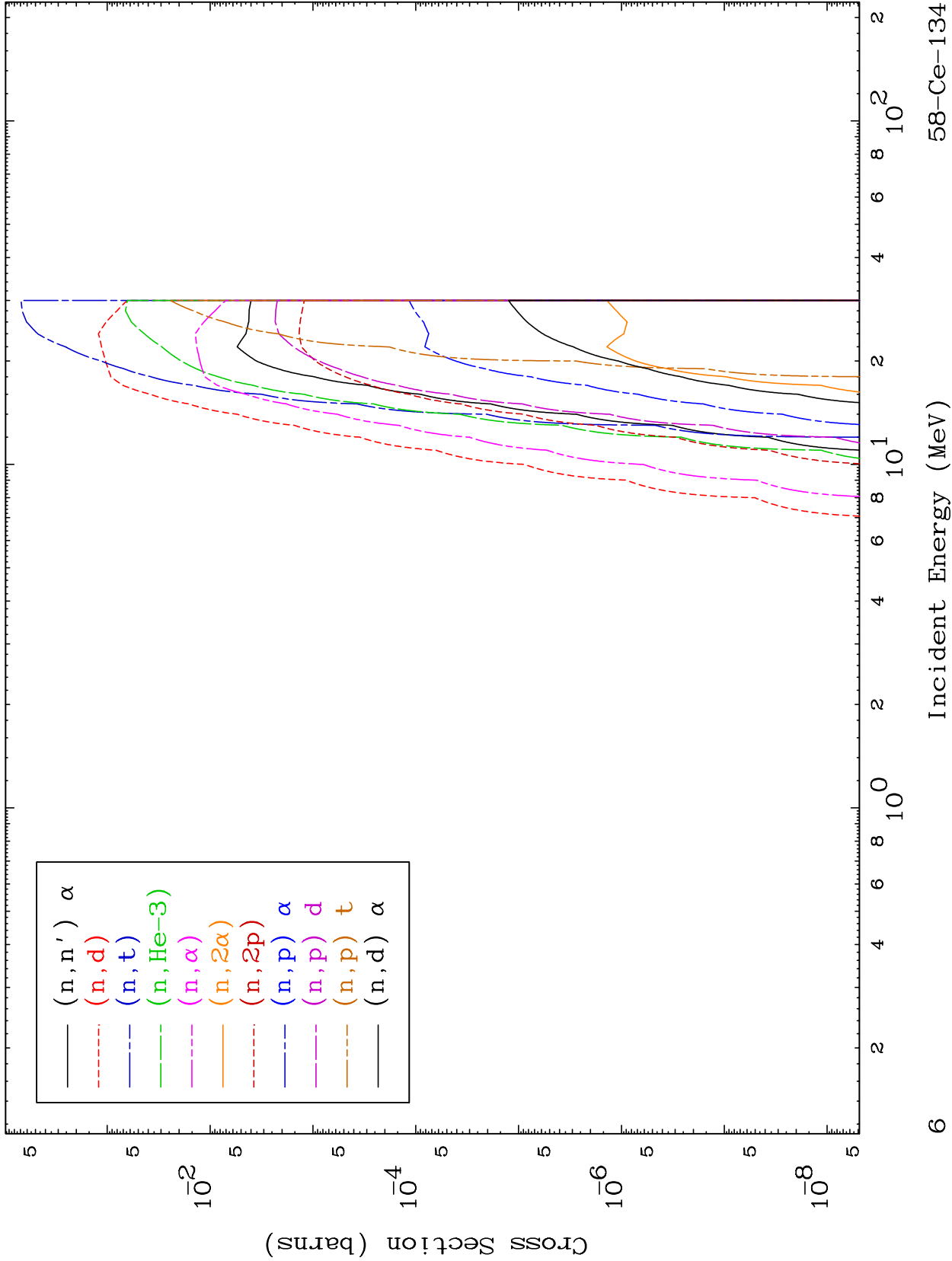




MAT 5819

He-3 Charged Particle
0 Kelvin Cross Sections

58-Ce-134

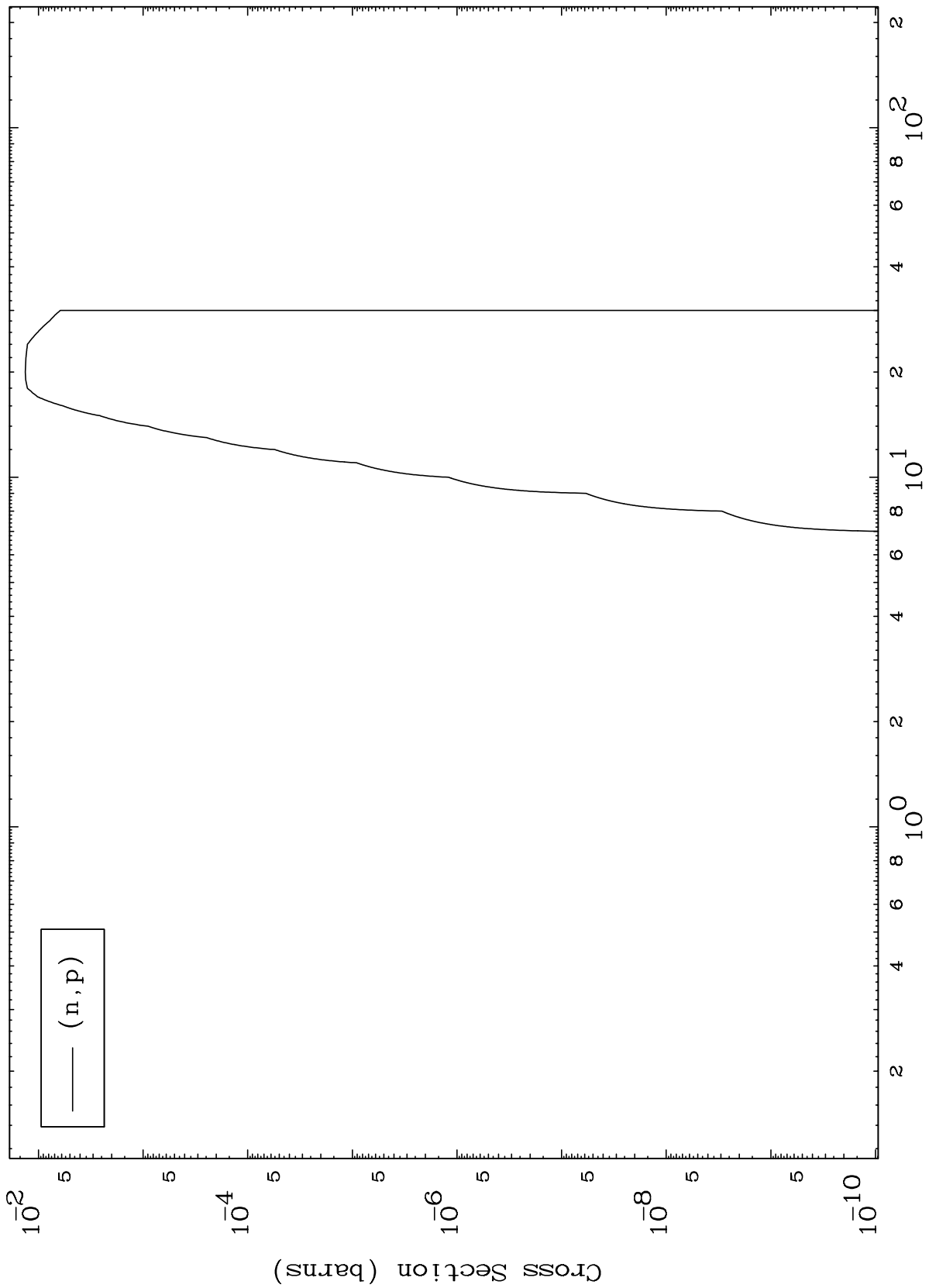


MAT 5819

(He-3,p) Levels

58-Ce-134

0 Kelvin Cross Sections

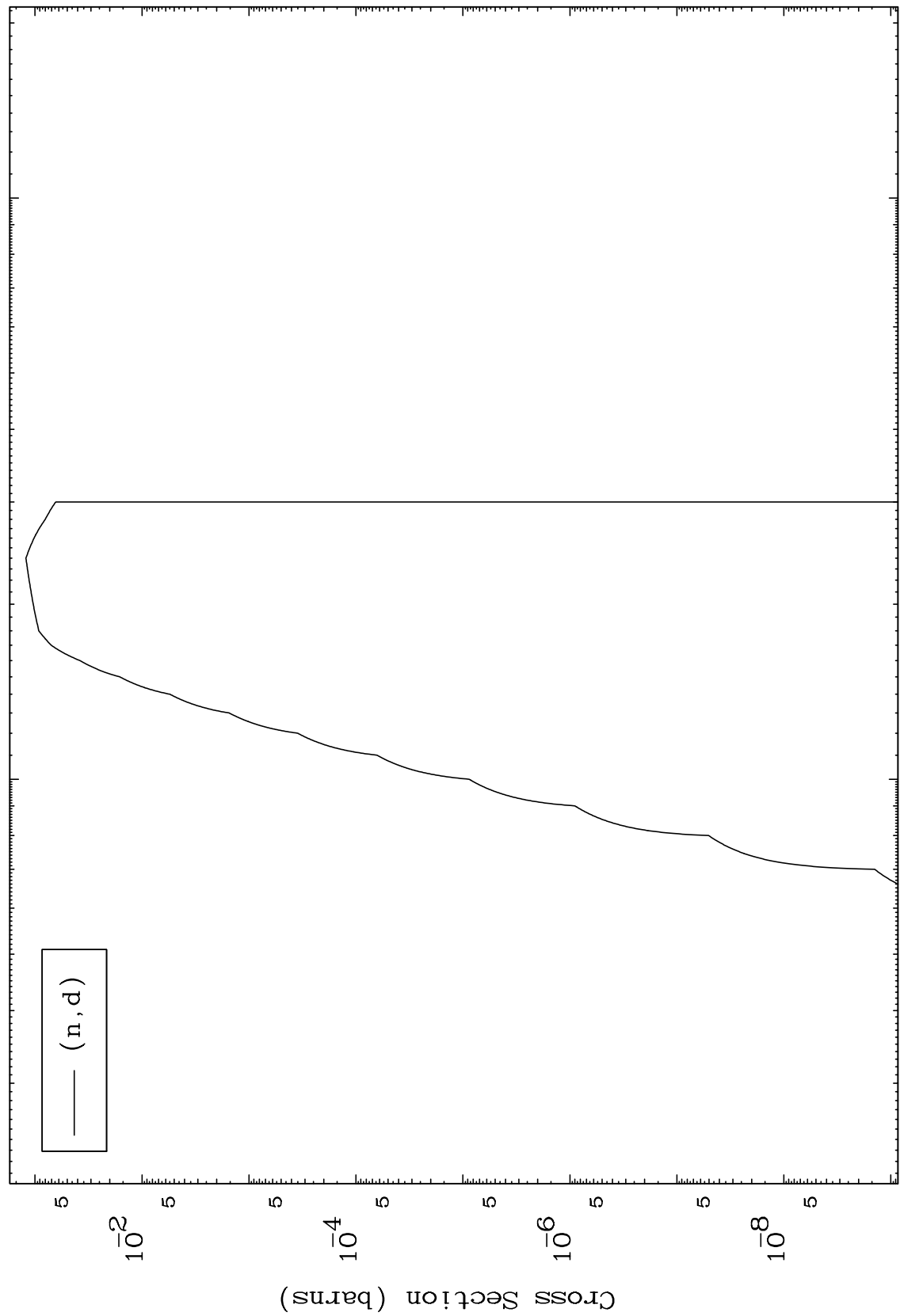


MAT 5819

(He-3,d) Levels

58-Ce-134

0 Kelvin Cross Sections

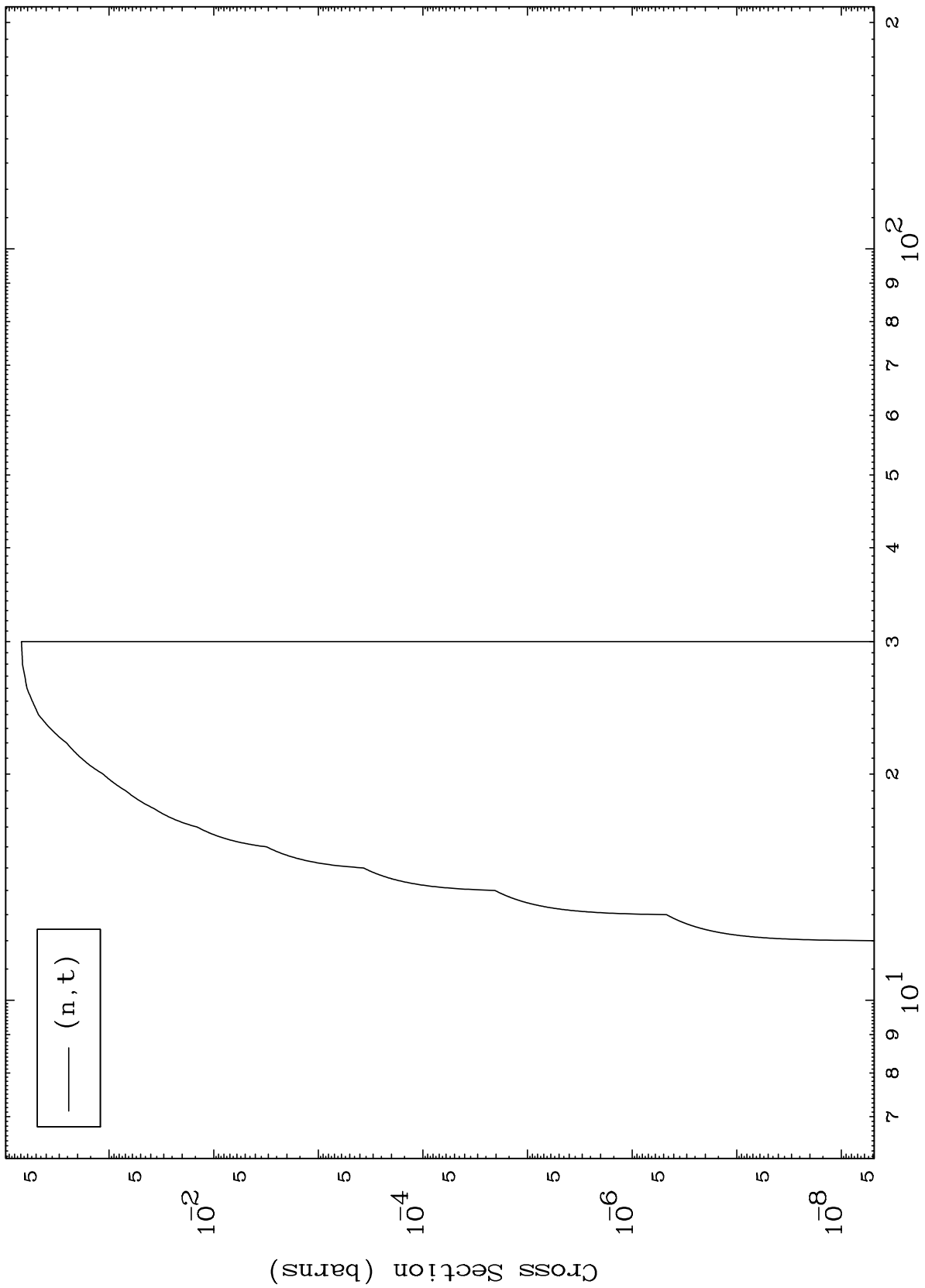


MAT 5819

(He-3,t) Levels

58-Ce-134

0 Kelvin Cross Sections



9

Incident Energy (MeV)

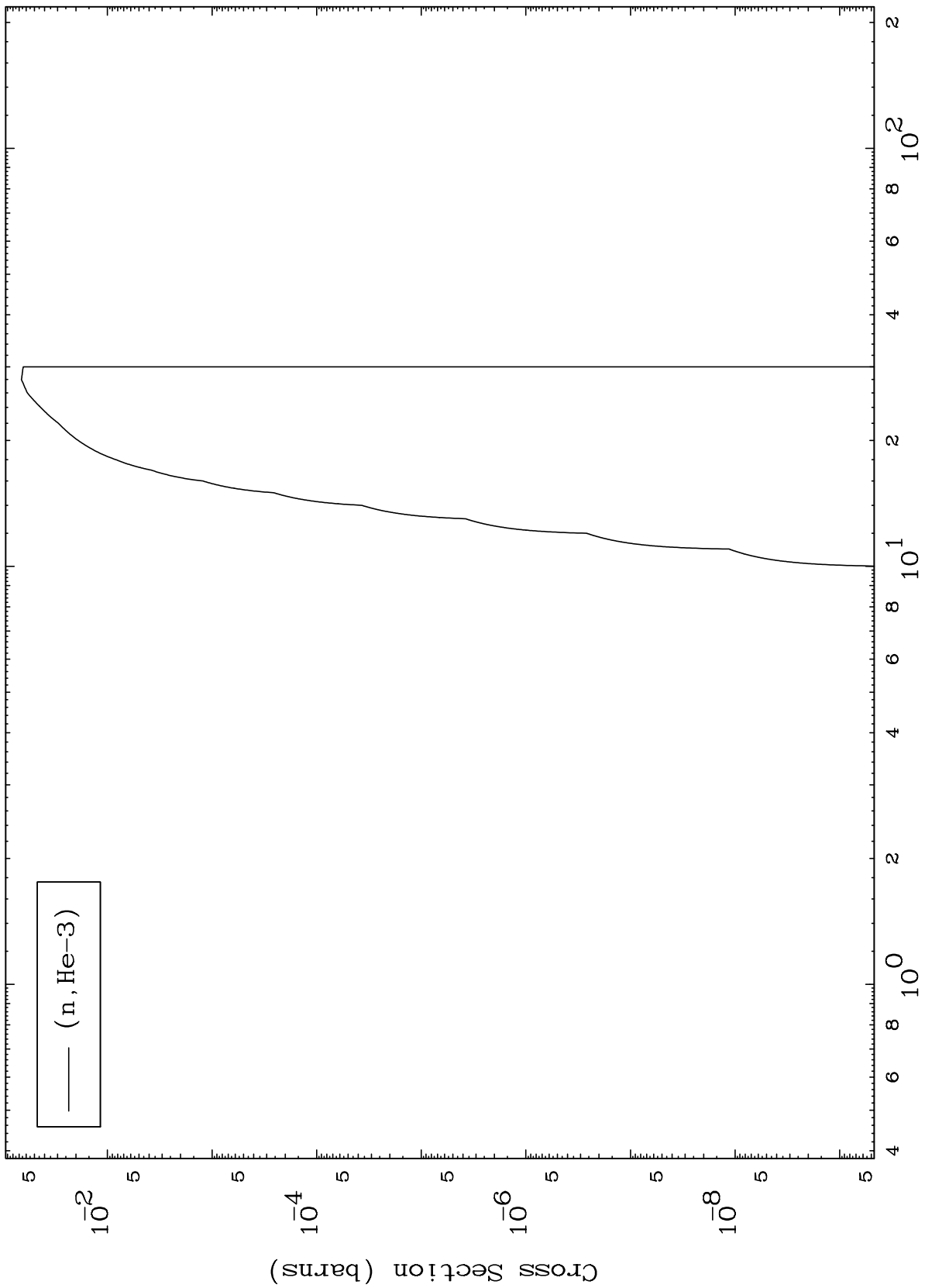
58-Ce-134

MAT 5819

(He-3, He3) Levels

58-Ce-134

0 Kelvin Cross Sections



10

Incident Energy (MeV)

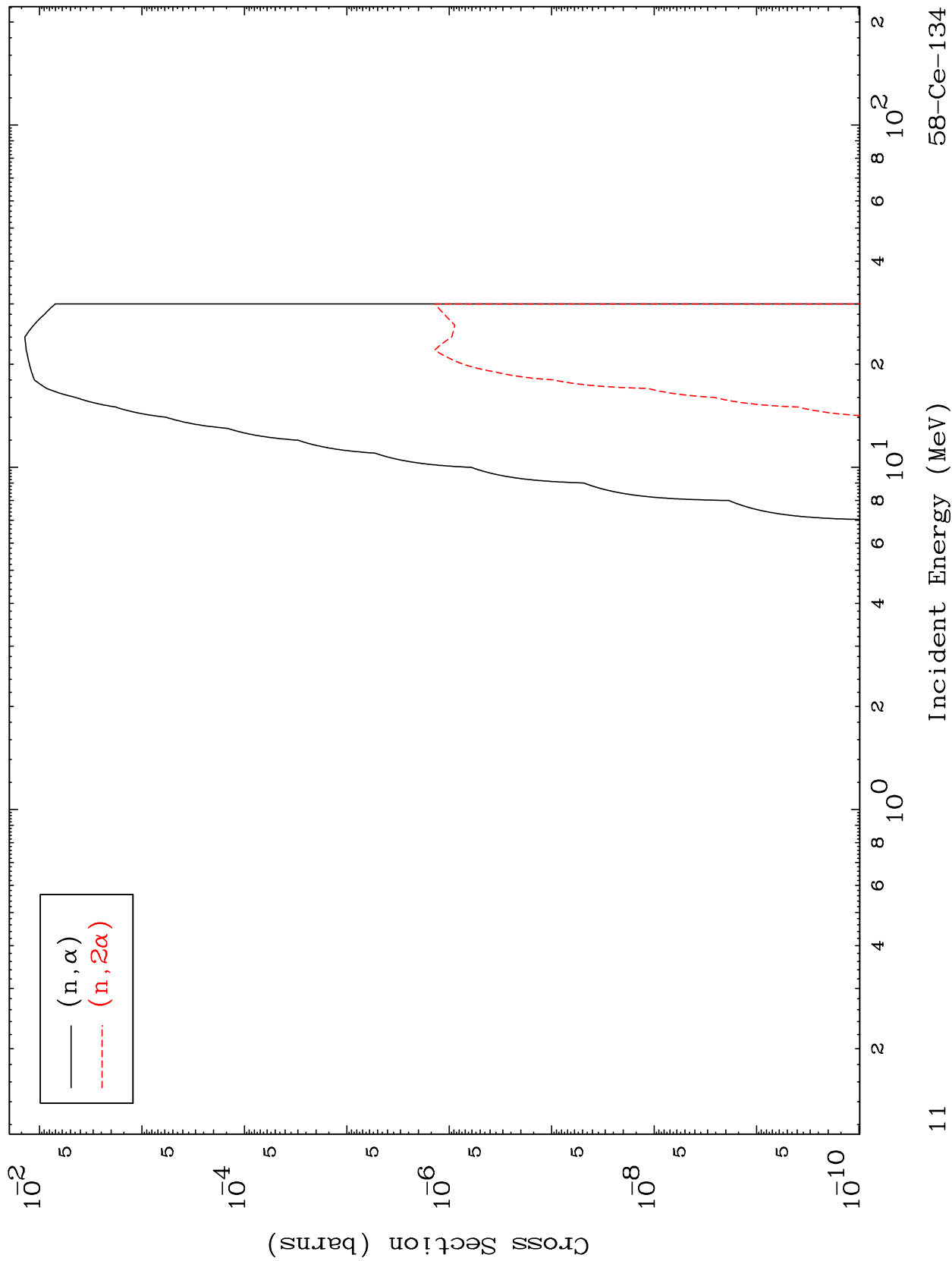
58-Ce-134

MAT 5819

(He-3, α) Levels

58-Ce-134

0 Kelvin Cross Sections

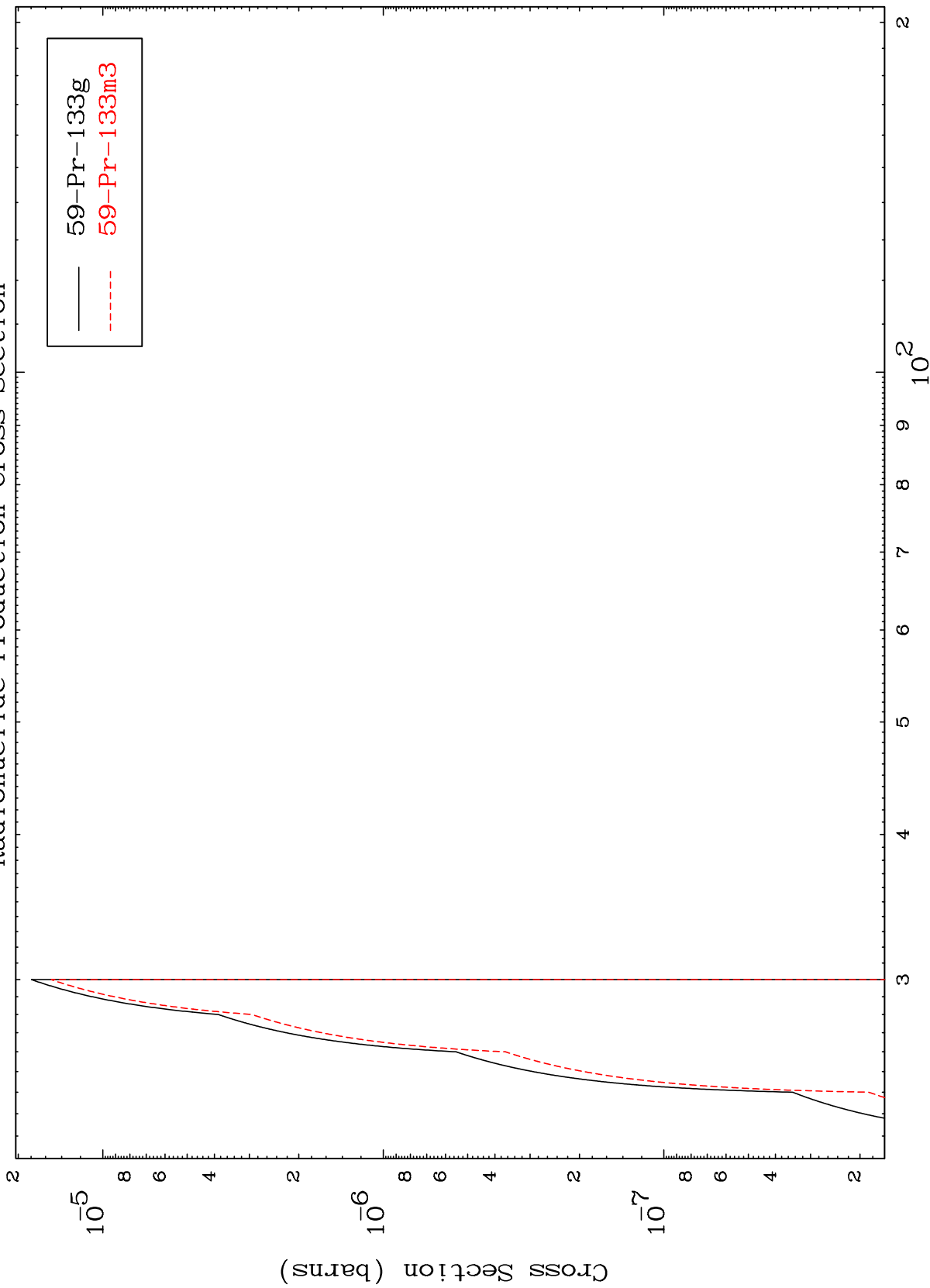


MAT 5819

(n,2n) d

58-Ce-134

Radionuclide Production Cross Section



59-Pr-133g
59-Pr-133m3

12

Incident Energy (MeV)

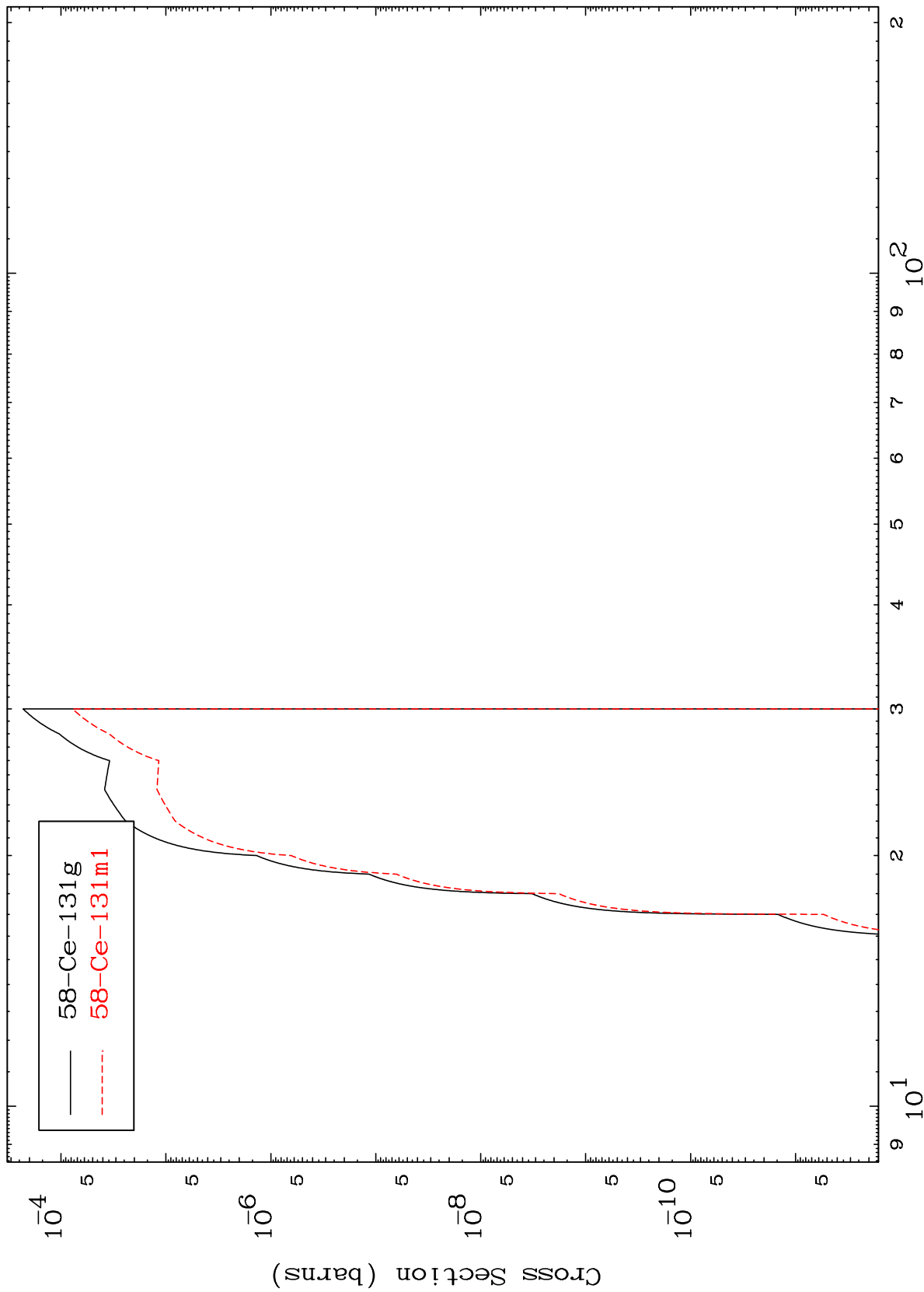
58-Ce-134

MAT 5819

(n,2n) α

58-Ce-134

Radionuclide Production Cross Section



13

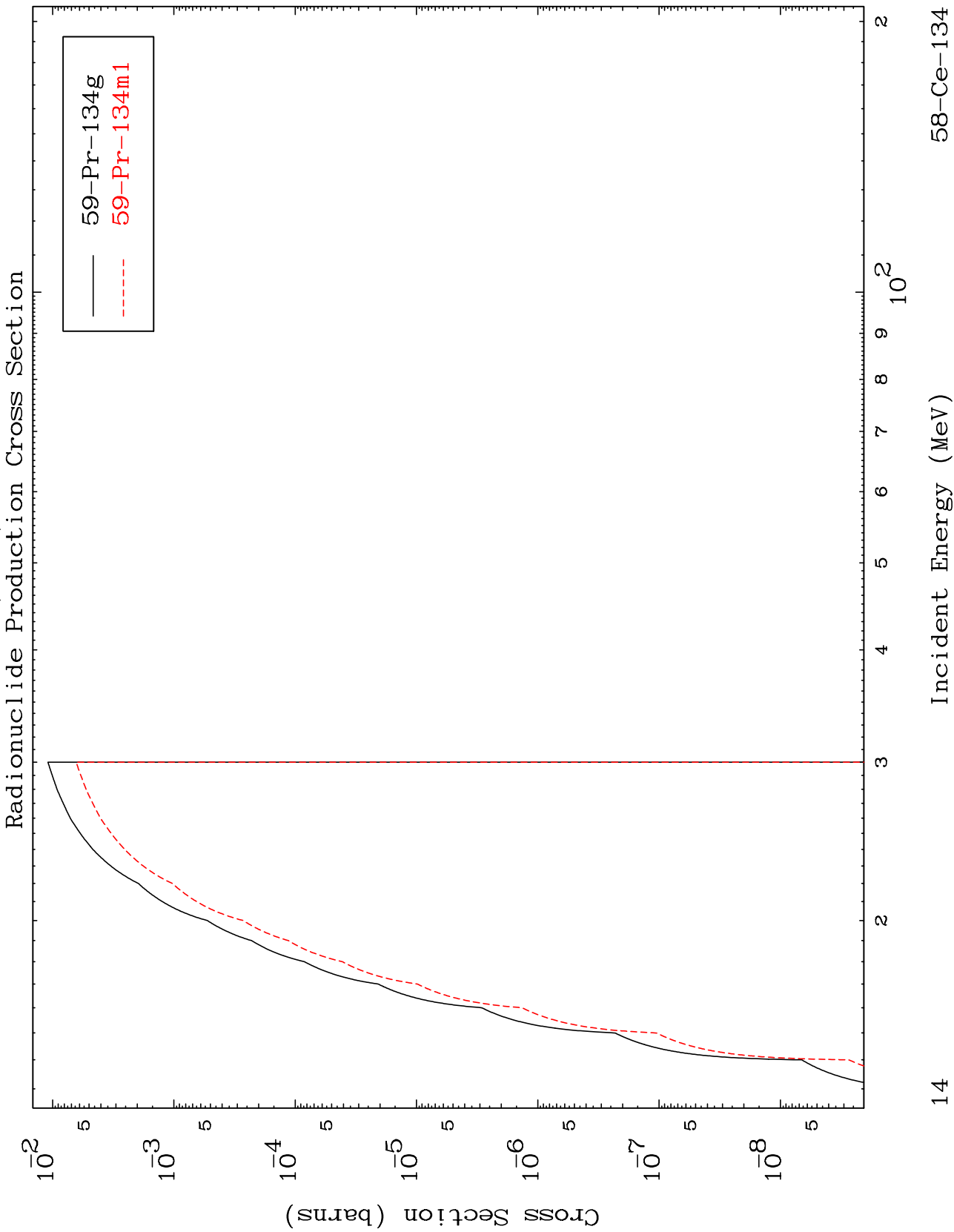
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n,n') d

58-Ce-134



14

Incident Energy (MeV)

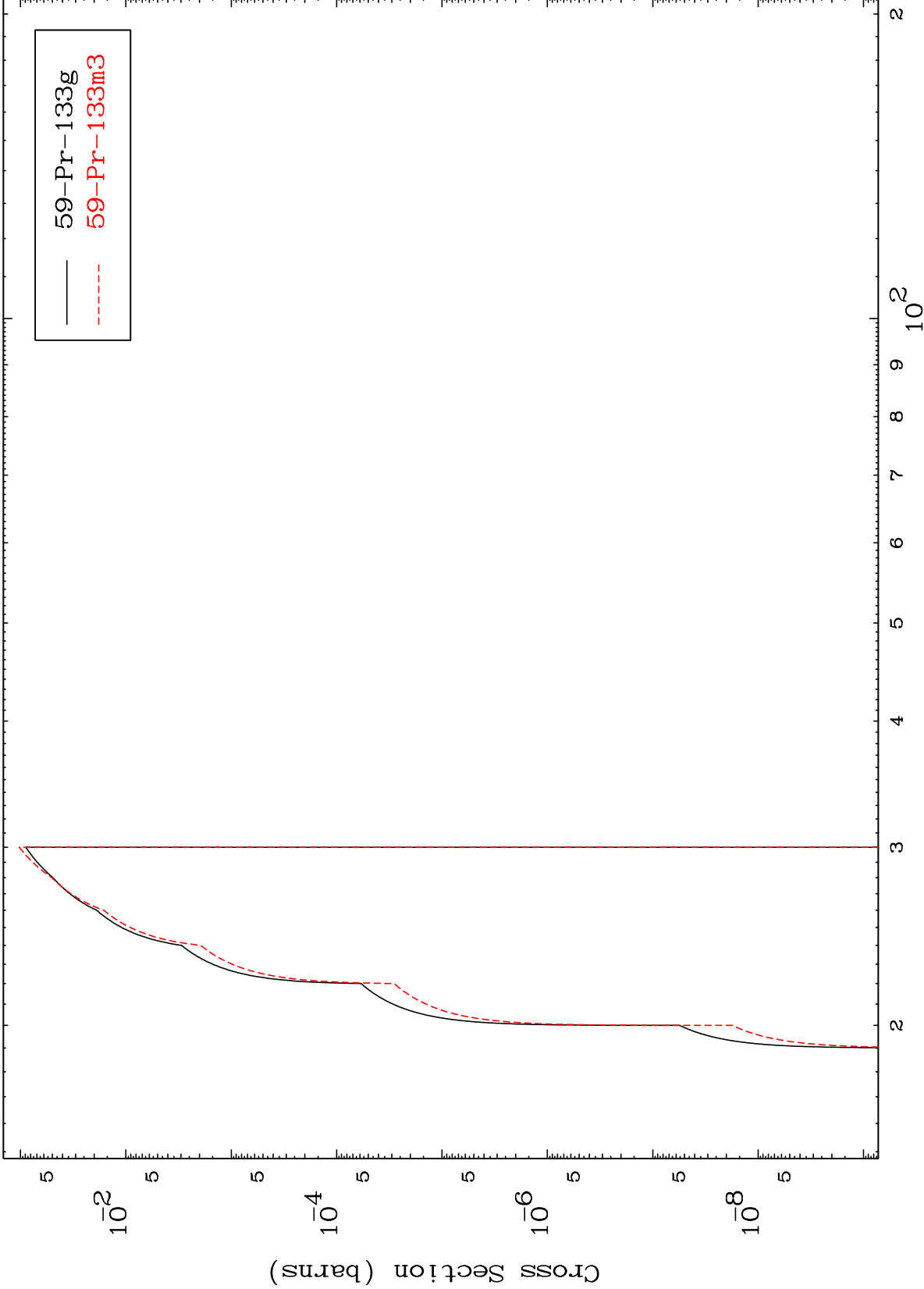
58-Ce-134

MAT 5819

(n,n') t

58-Ce-134

Radionuclide Production Cross Section



15

Incident Energy (MeV)

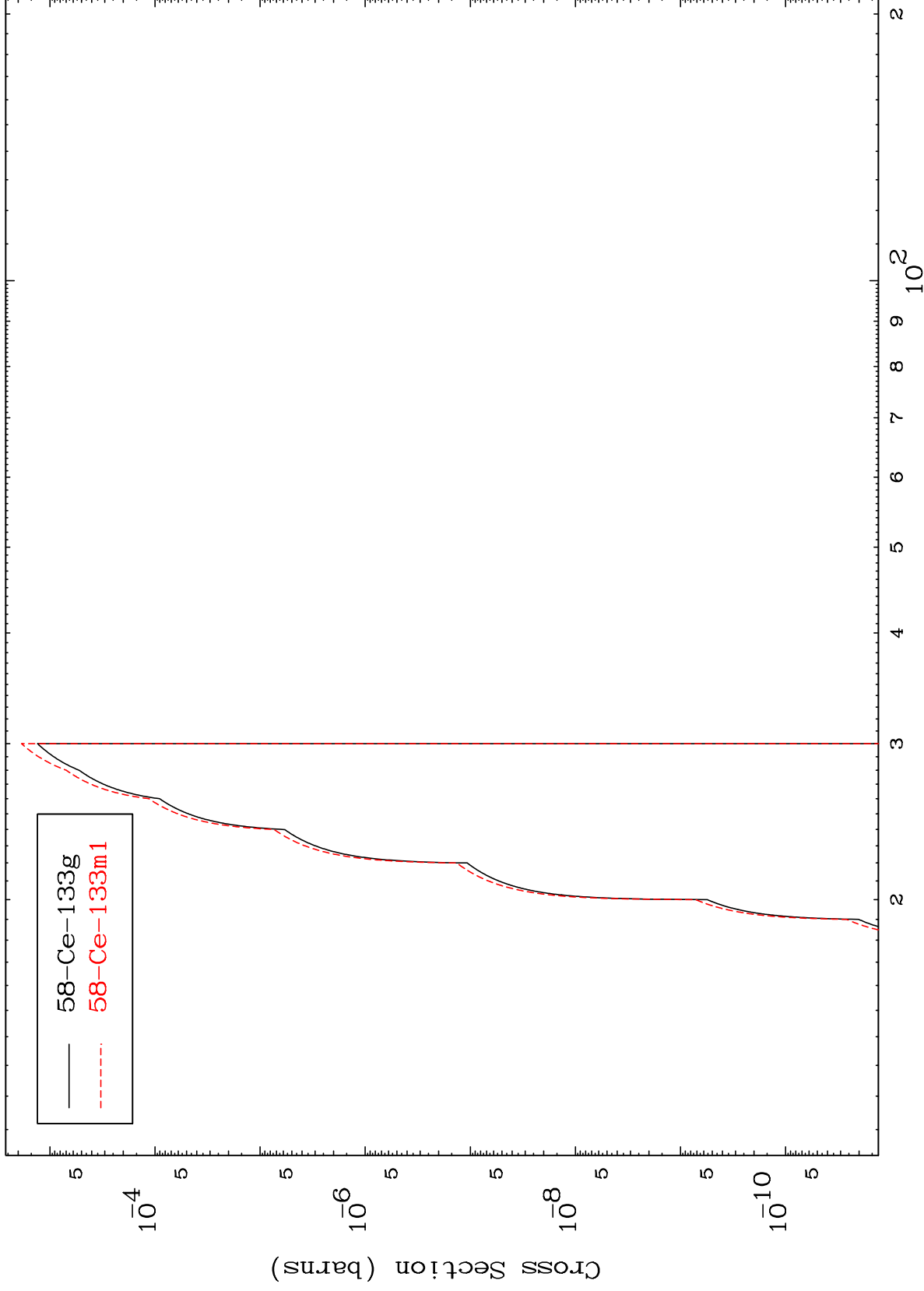
58-Ce-134

MAT 5819

(n,n') He-3

58-Ce-134

Radionuclide Production Cross Section



16

Incident Energy (MeV)

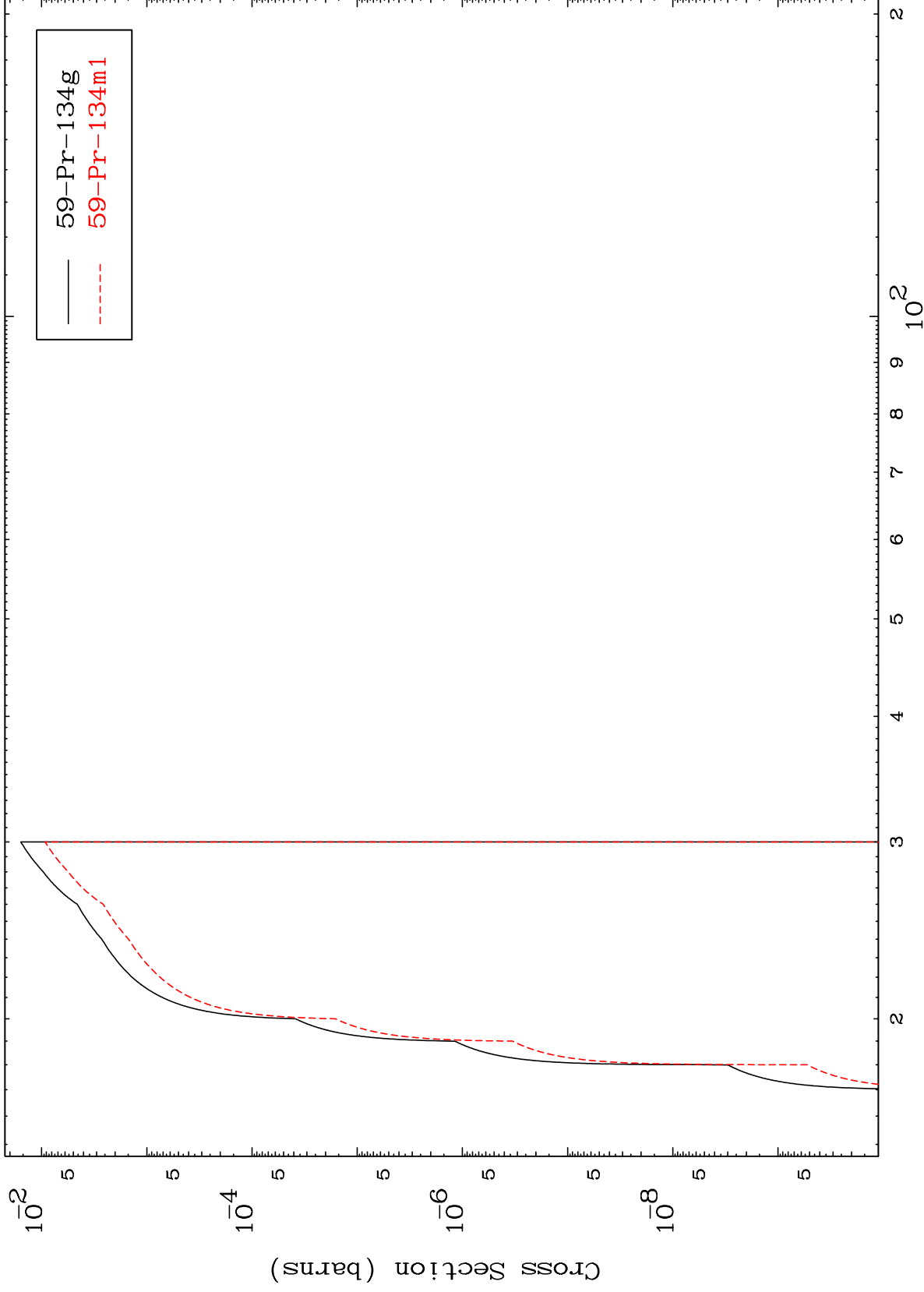
58-Ce-134

MAT 5819

(n,2n) p

58-Ce-134

Radionuclide Production Cross Section



17

Incident Energy (MeV)

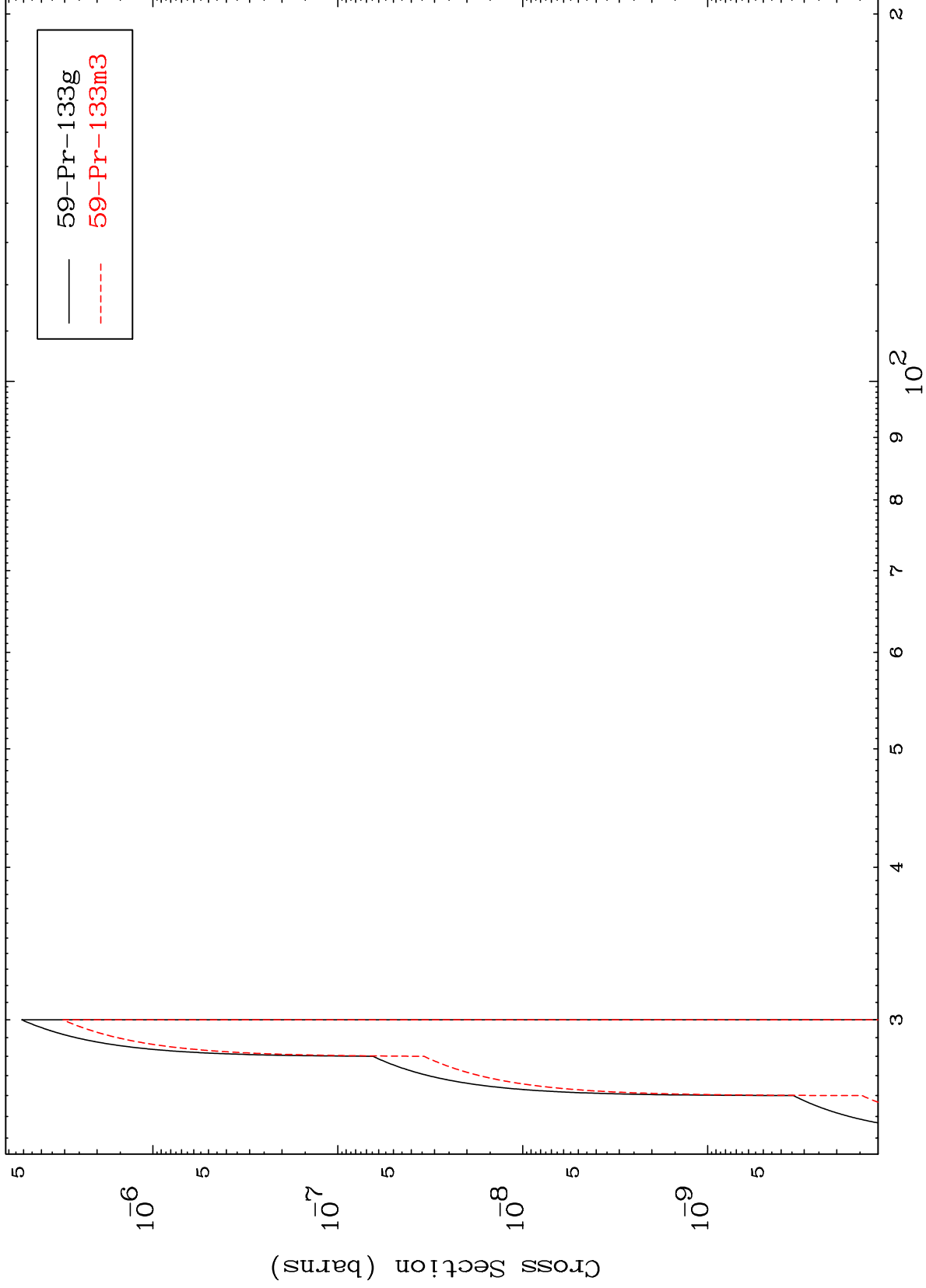
58-Ce-134

MAT 5819

(n,3n) p

58-Ce-134

Radionuclide Production Cross Section



18

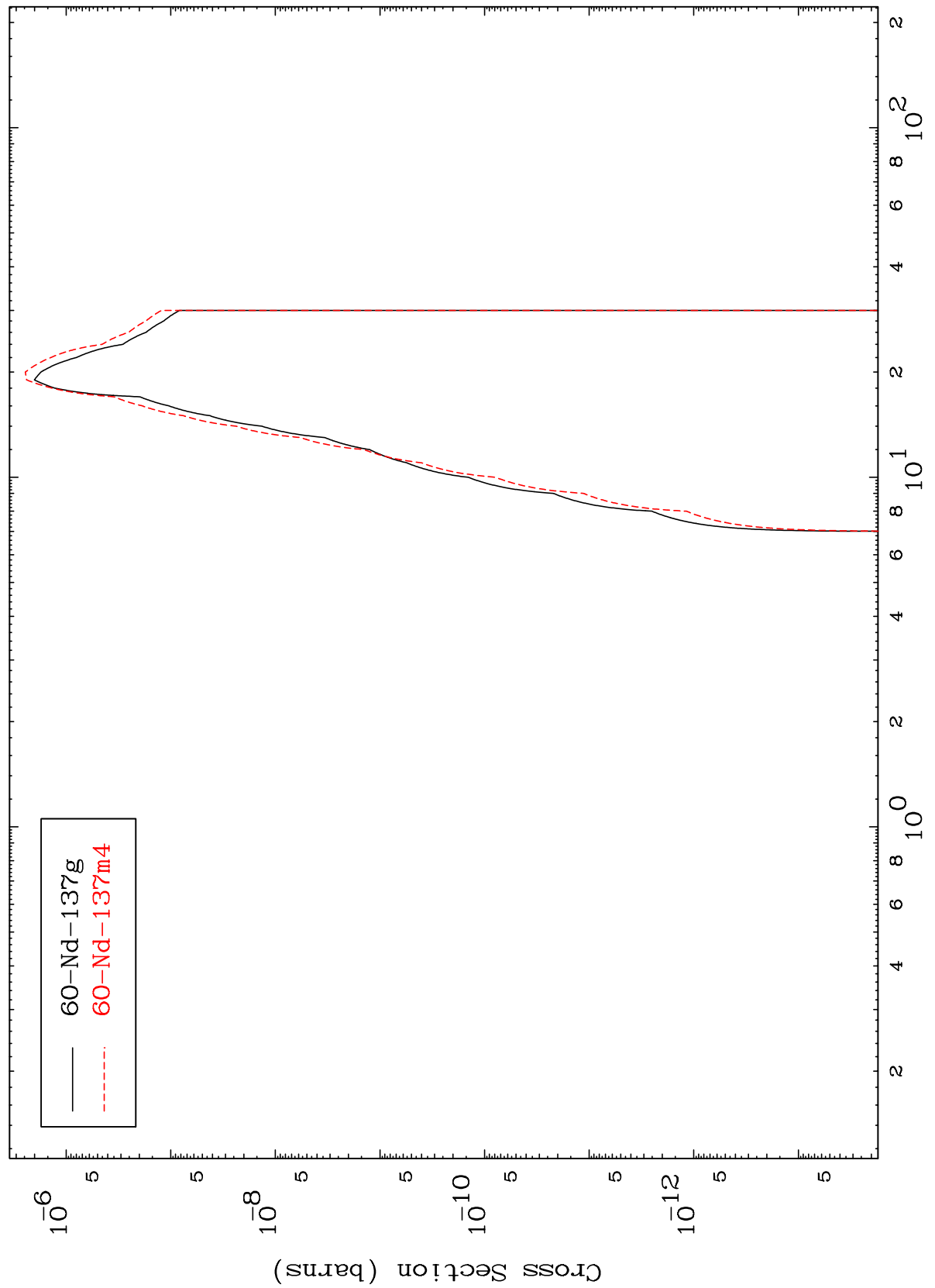
Incident Energy (MeV)

58-Ce-134

MAT 5819

58-Ce-134

Radionuclide Production Cross Section
(n, γ)

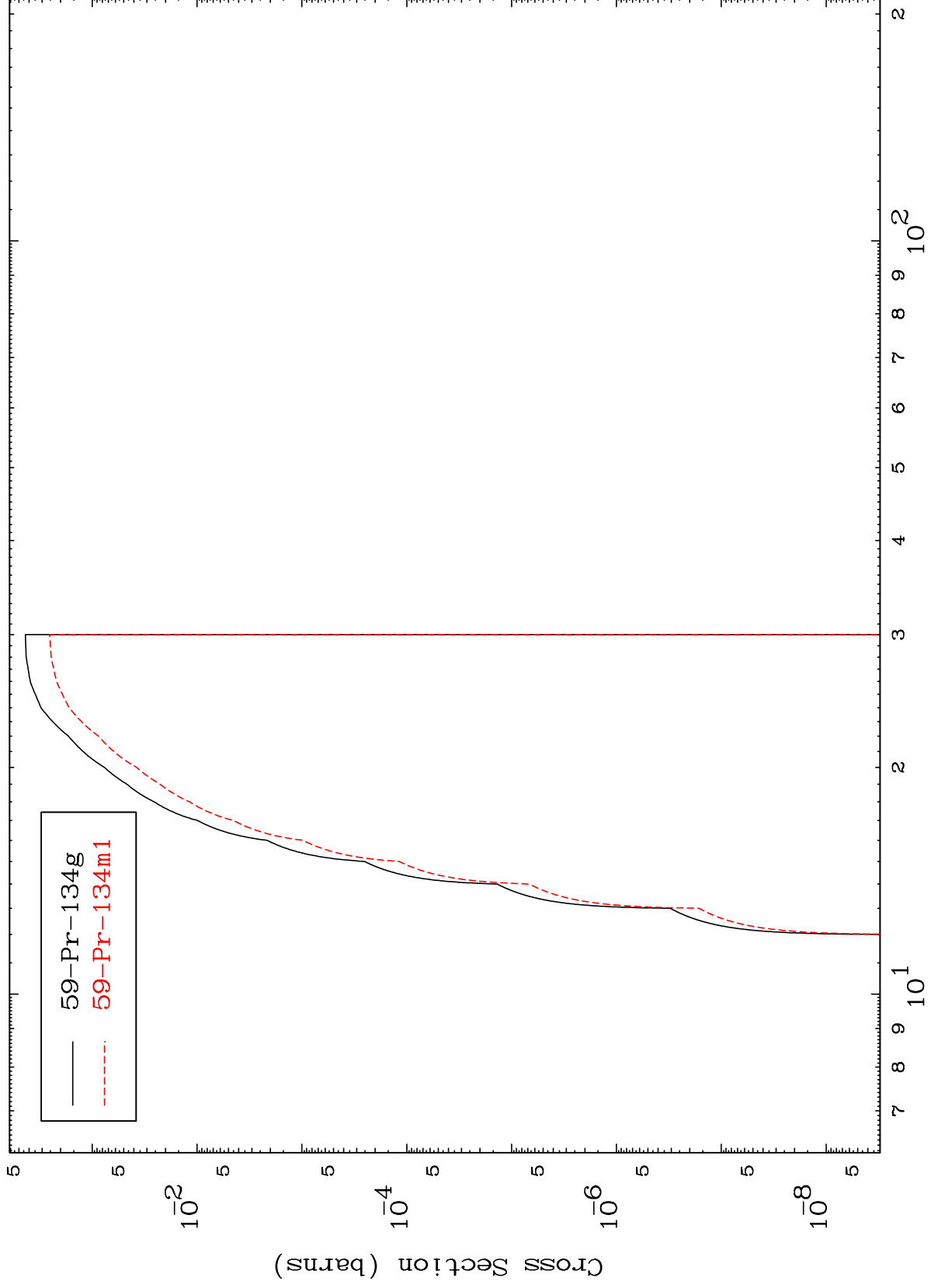


— 60-Nd-137g
- - - 60-Nd-137m4

MAT 5819

58-Ce-134

(n, t)
Radionuclide Production Cross Section

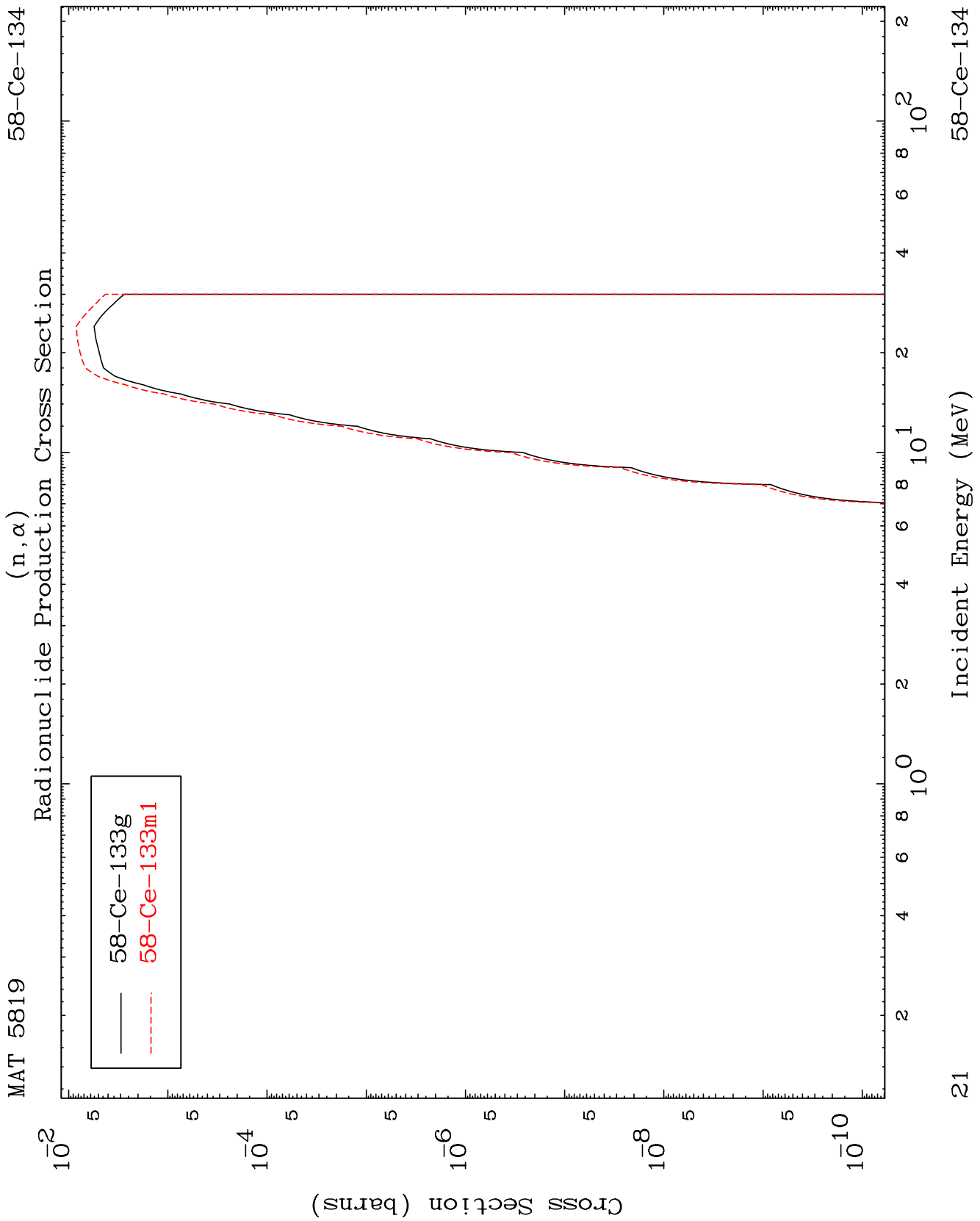


— 59-Pr-134g
- - - 59-Pr-134m1

20

Incident Energy (MeV)

58-Ce-134

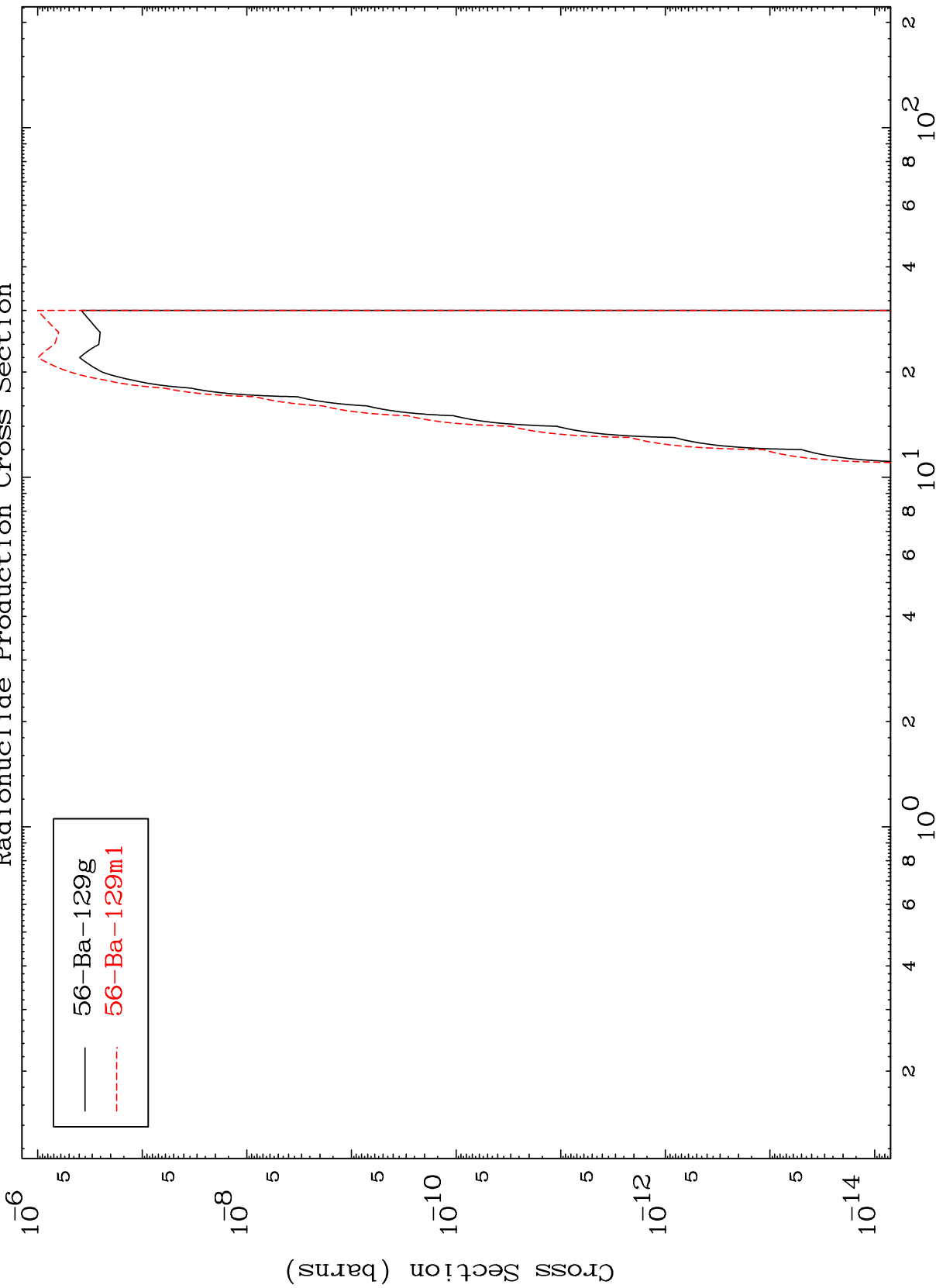


MAT 5819

58-Ce-134

(n,2α)

Radionuclide Production Cross Section

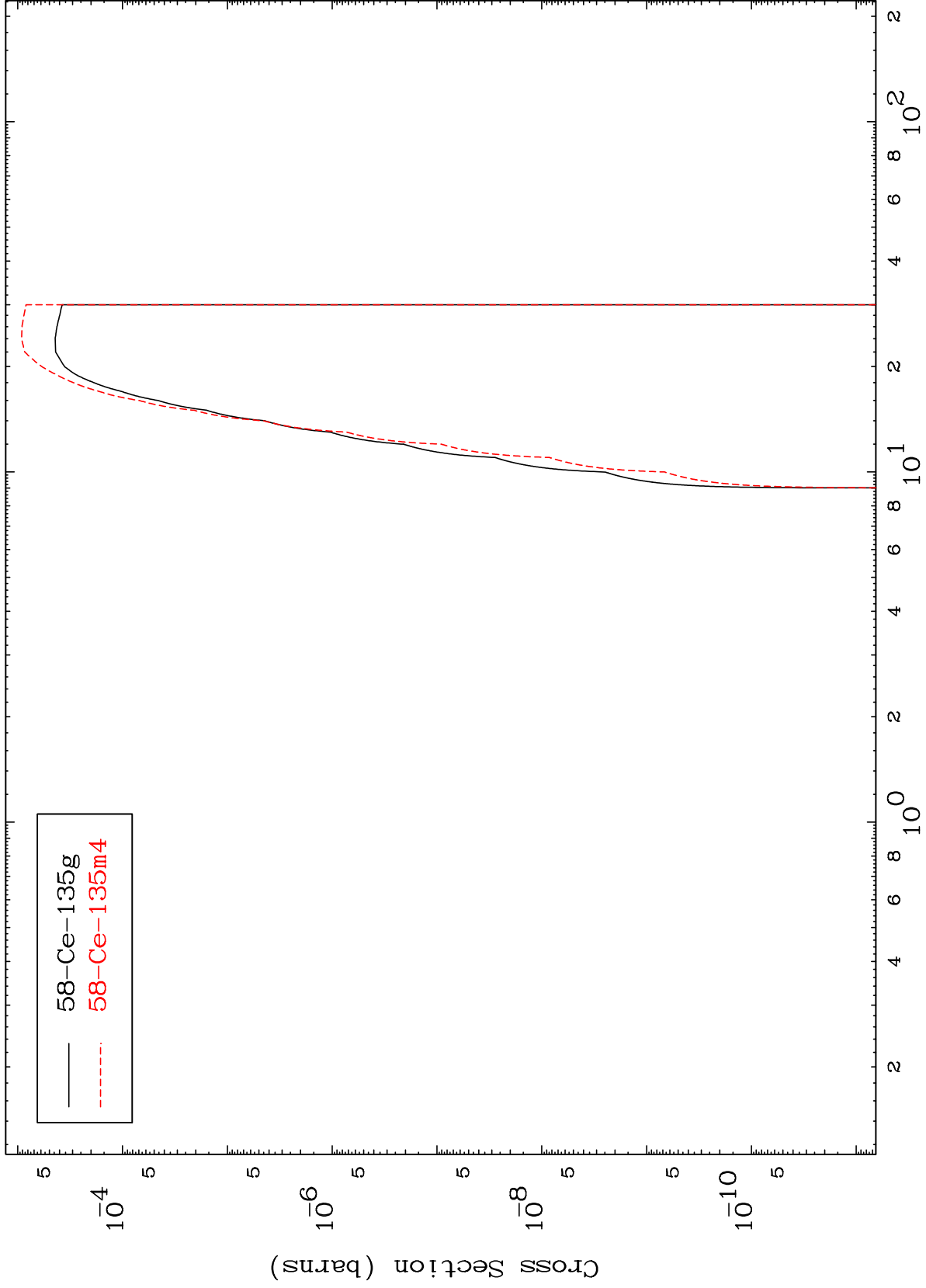


MAT 5819

(n,2p)

58-Ce-134

Radionuclide Production Cross Section



23

Incident Energy (MeV)

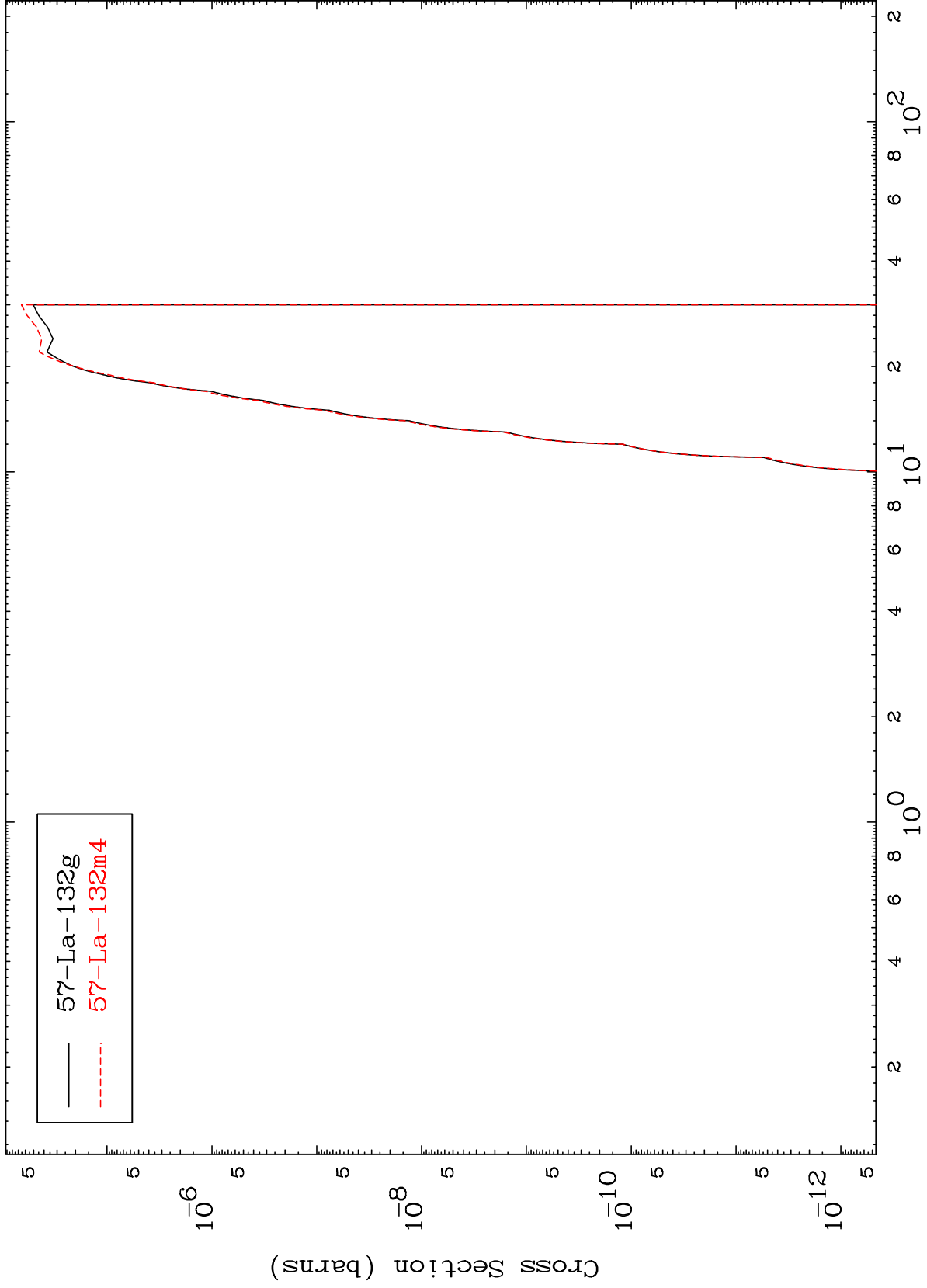
58-Ce-134

MAT 5819

(n,p) α

58-Ce-134

Radionuclide Production Cross Section



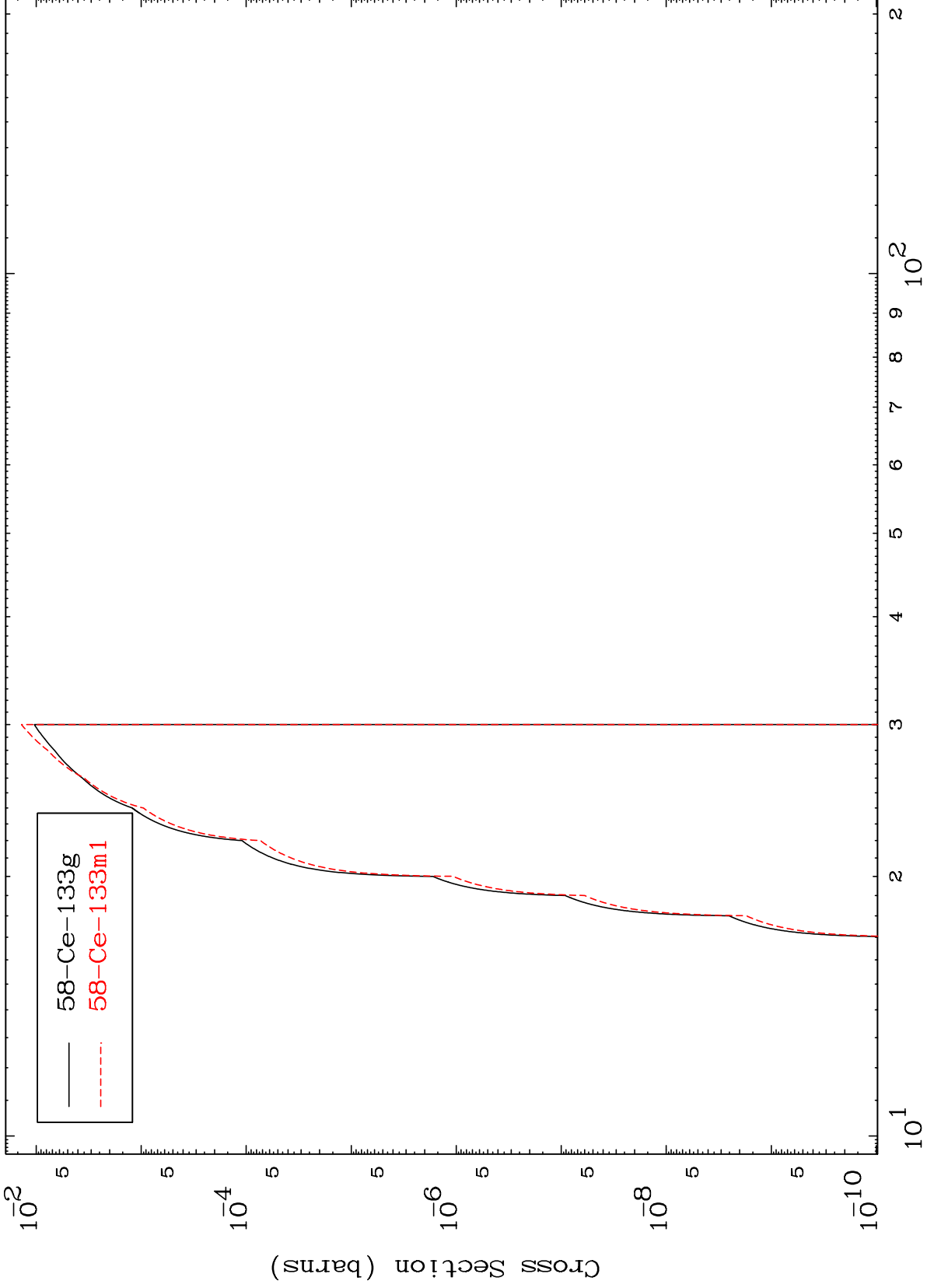
57-La-132g
57-La-132m4

MAT 5819

(n,p) t

58-Ce-134

Radionuclide Production Cross Section



Incident Energy (MeV)

58-Ce-134

25