

Program EVALPLOT
(Version 2021-1)

by

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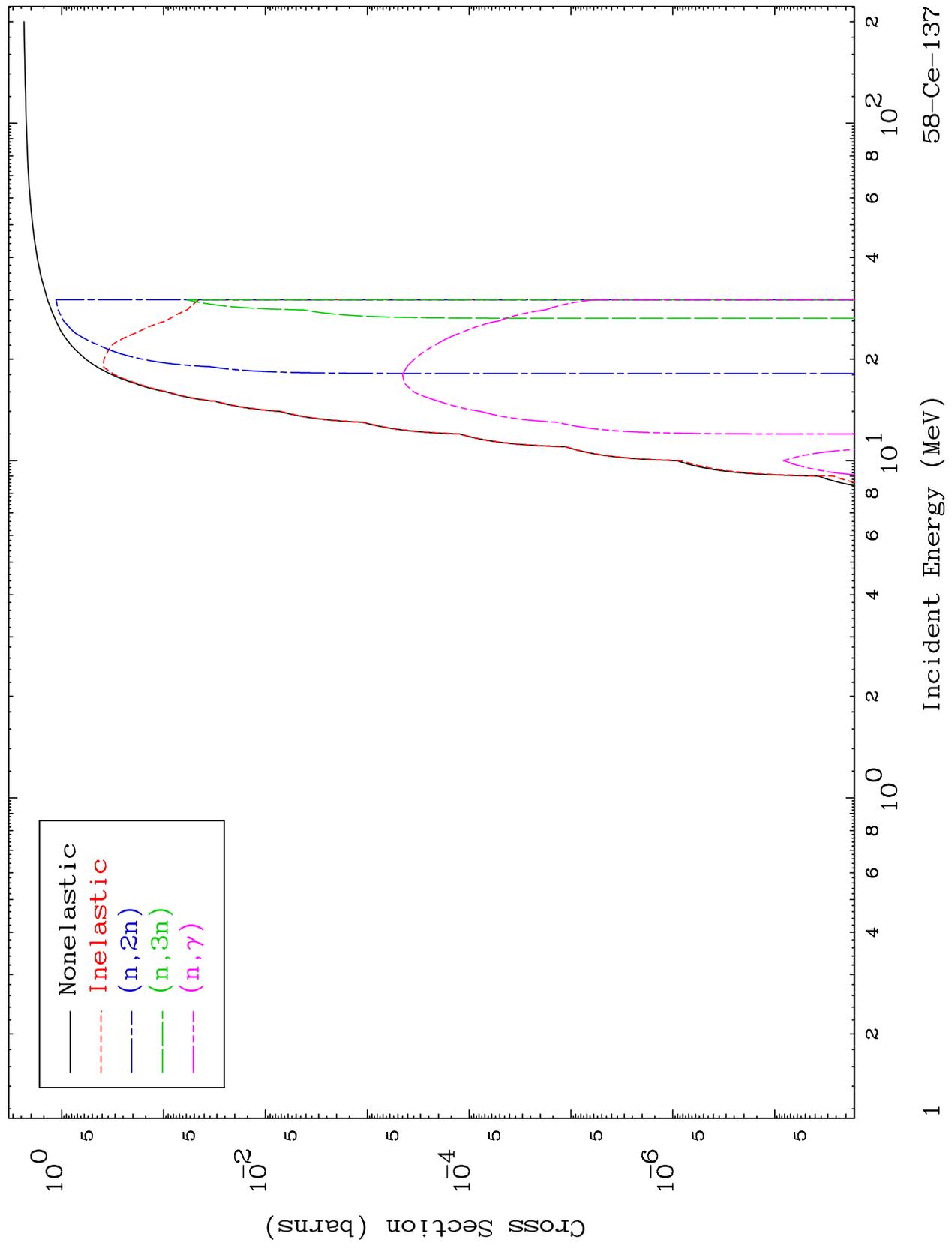
Press Mouse Button to Start

MAT 5828

0 Kelvin

α Major Cross Sections

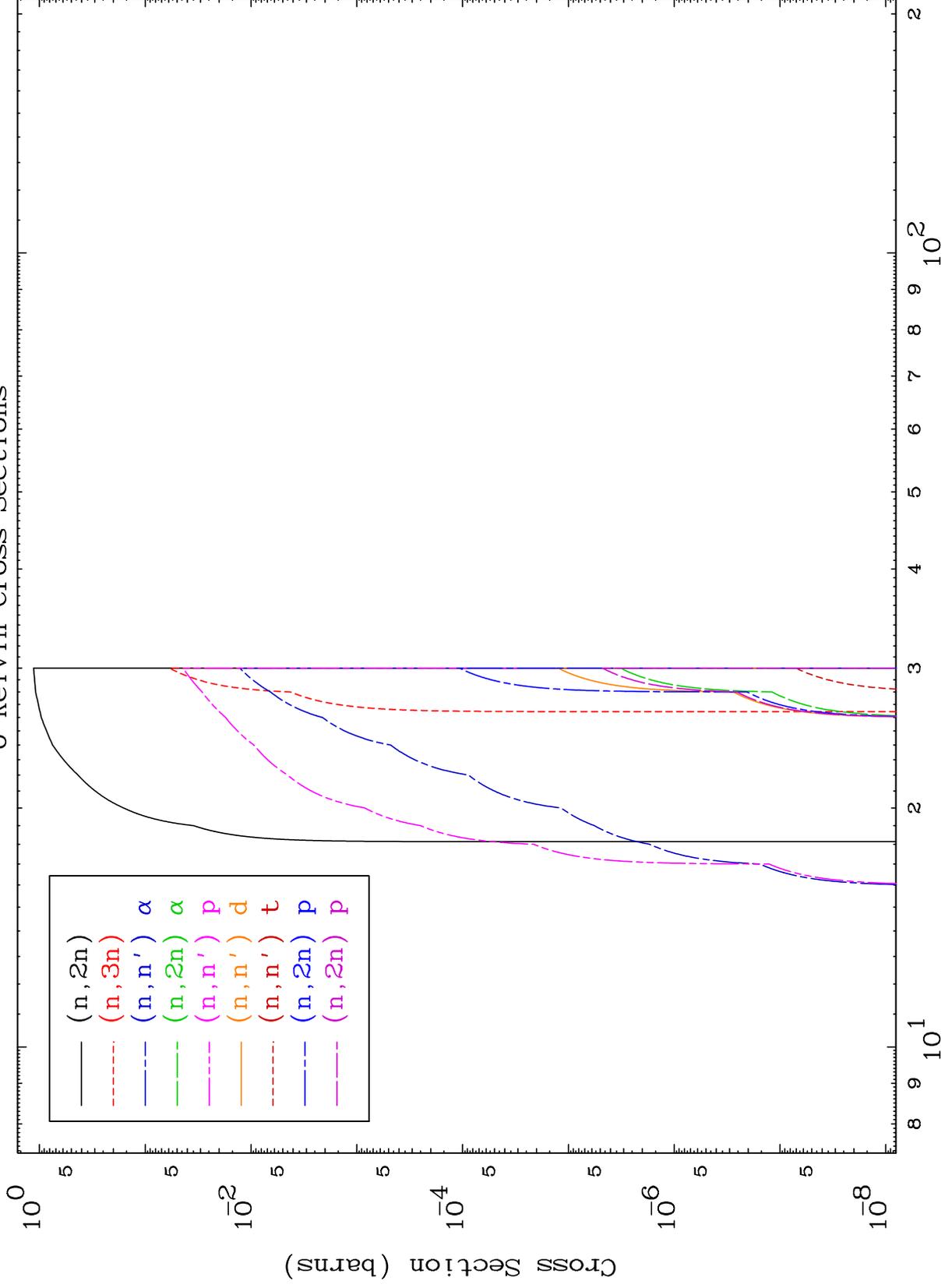
58-Ce-137



MAT 5828

α Neutron Absorption
0 Kelvin Cross Sections

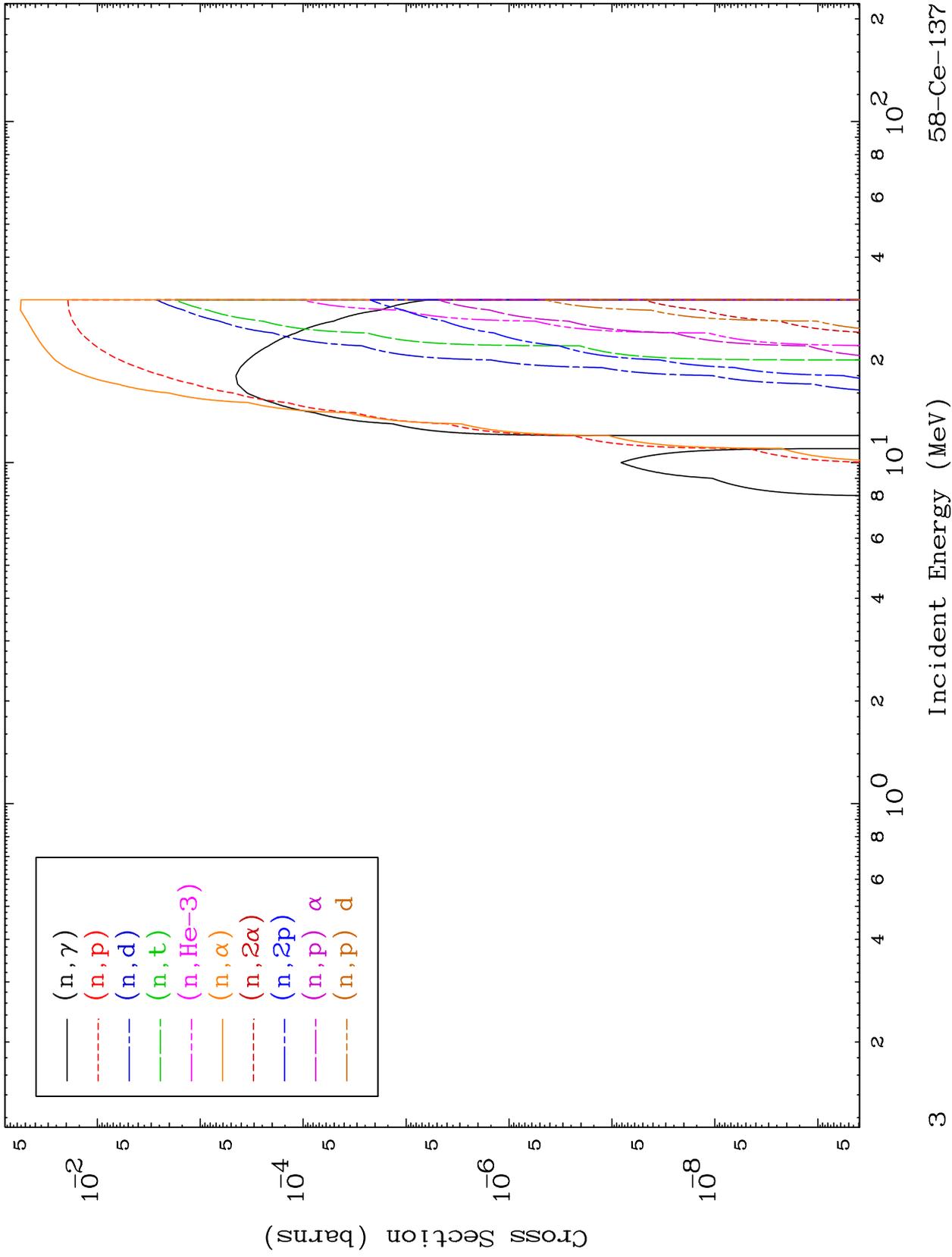
58-Ce-137

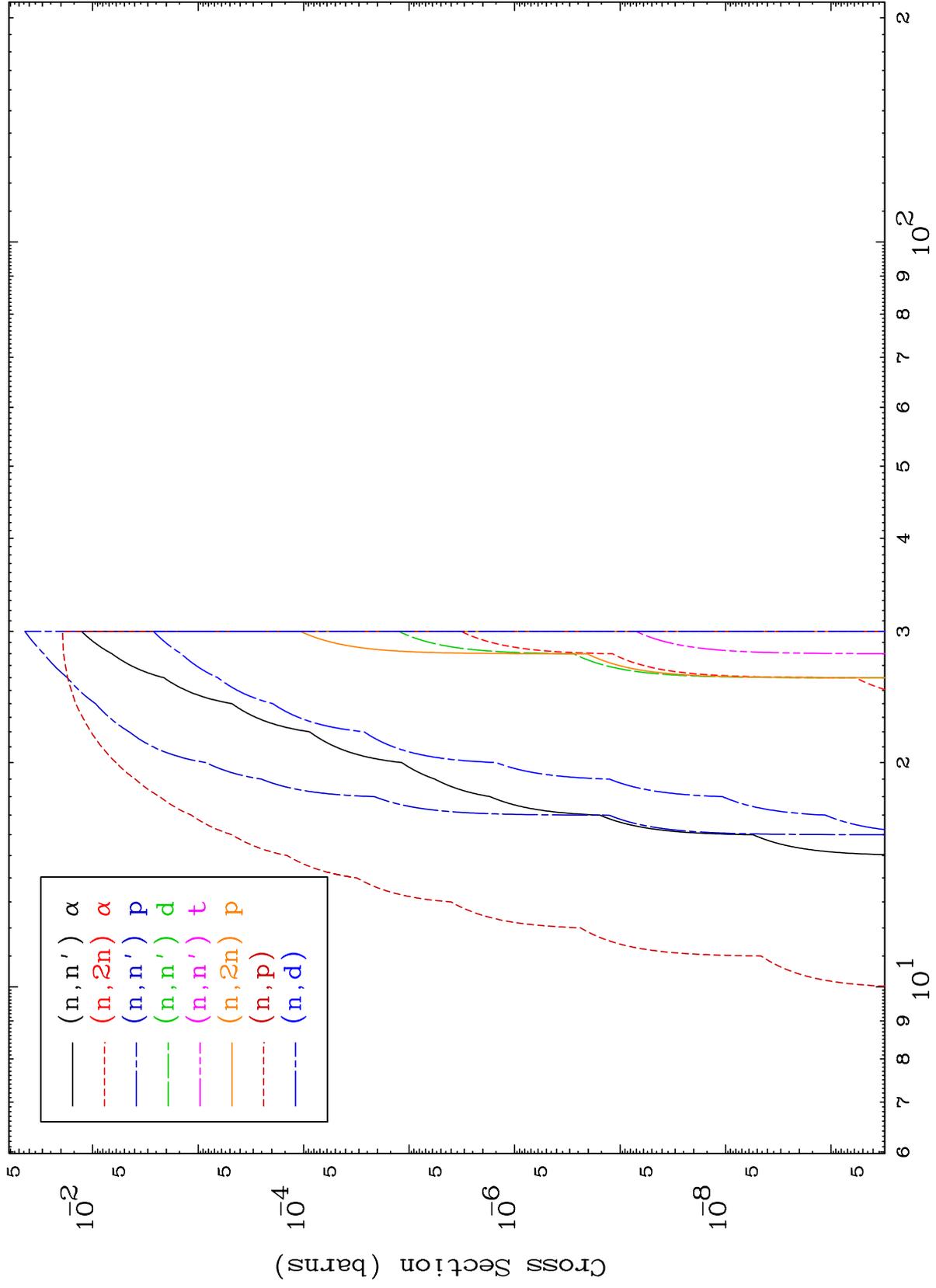


Incident Energy (MeV)

58-Ce-137

2

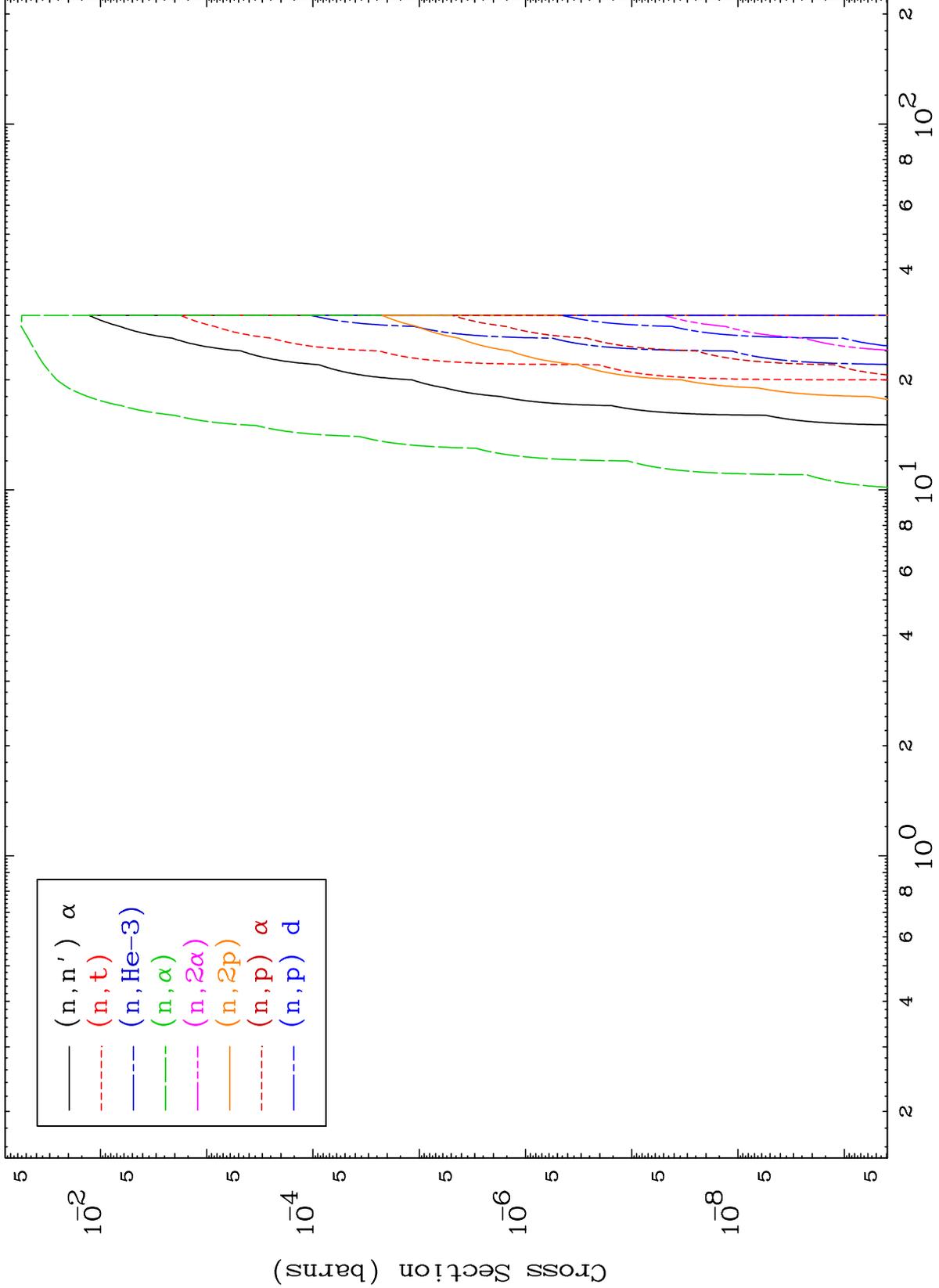




MAT 5828

α Charged Particle
0 Kelvin Cross Sections

58-Ce-137



5

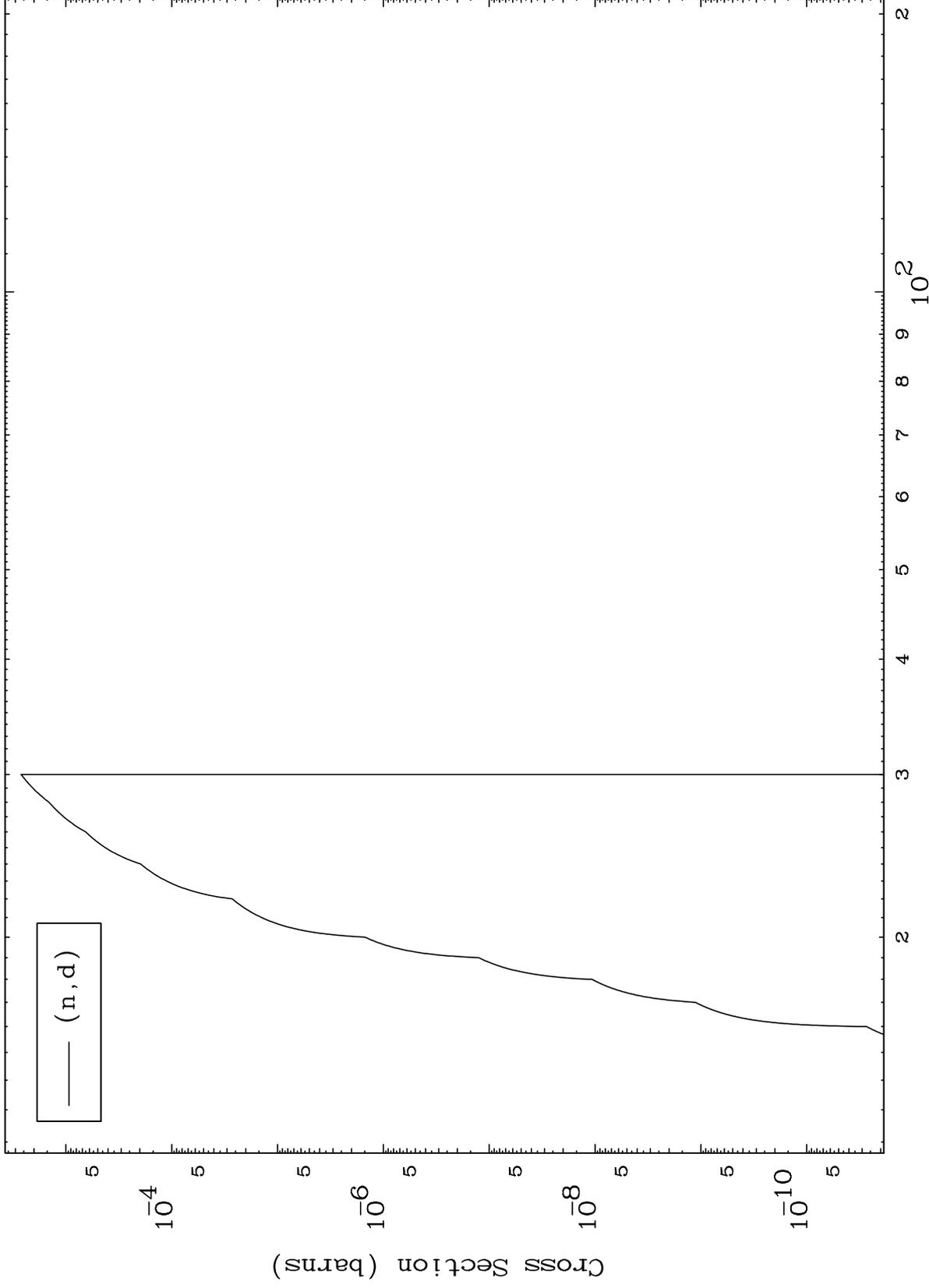
Incident Energy (MeV)

58-Ce-137

MAT 5828

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-137



7

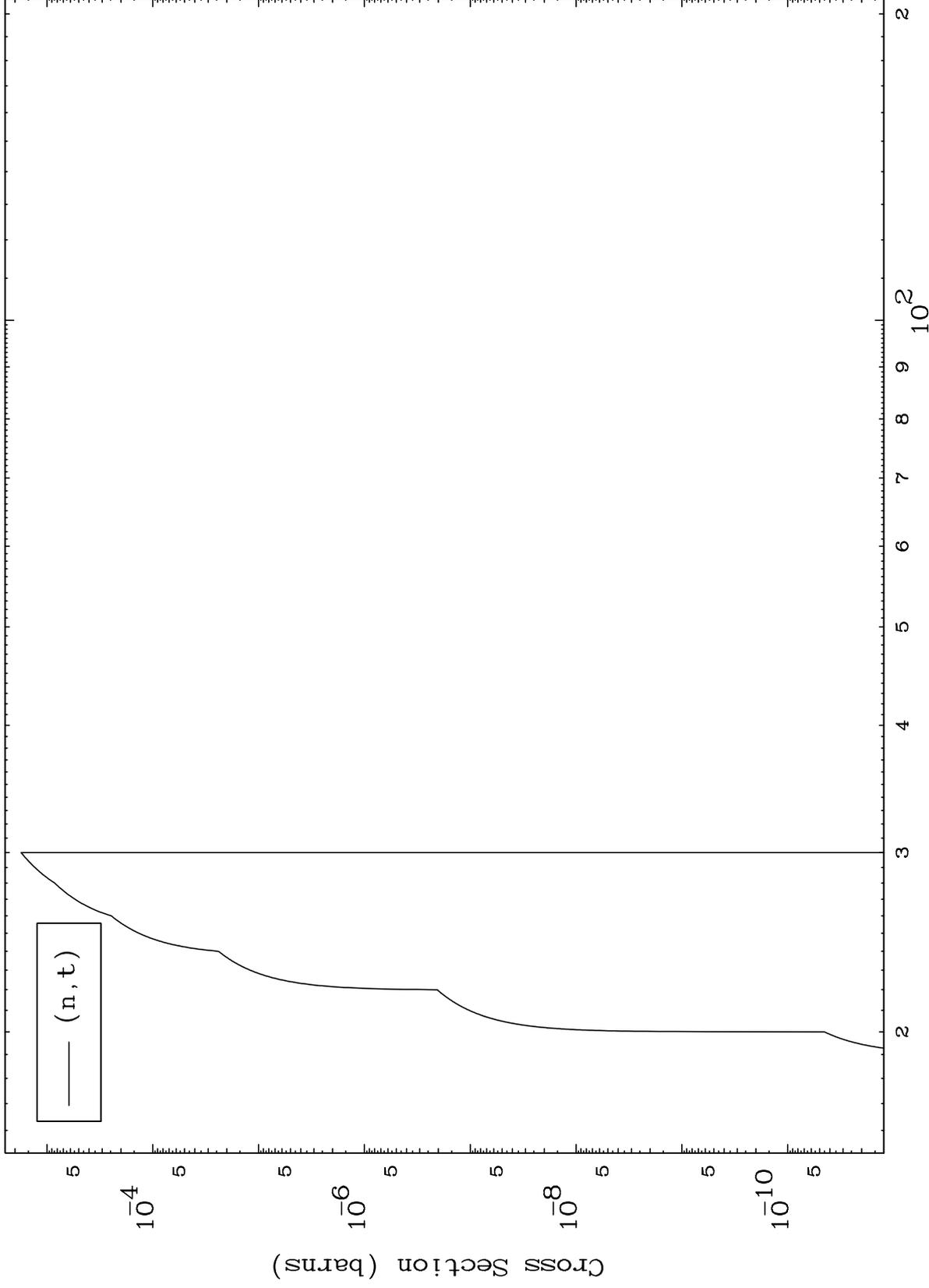
Incident Energy (MeV)

58-Ce-137

MAT 5828

(α, t) Levels
0 Kelvin Cross Sections

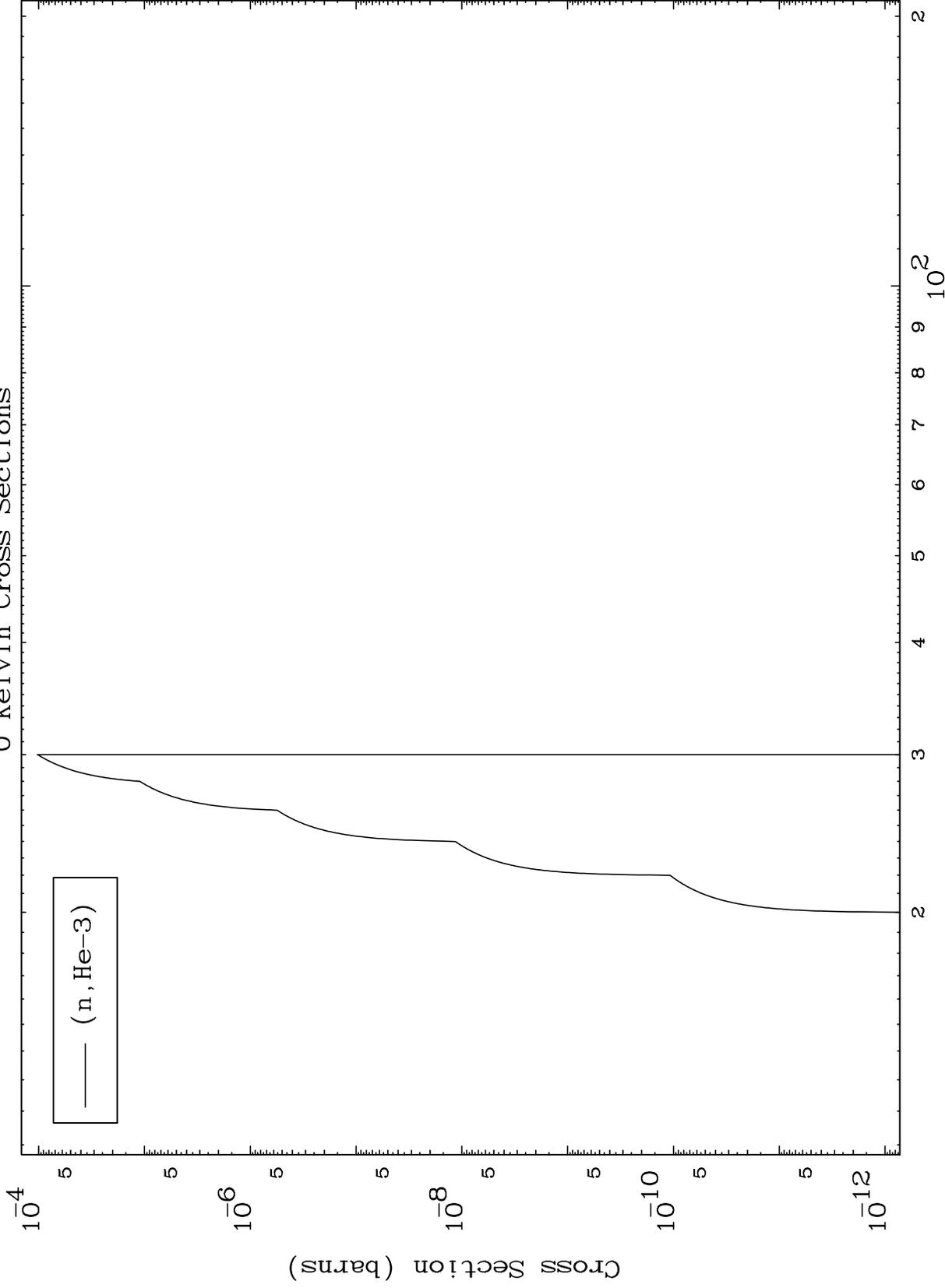
58-Ce-137



8

Incident Energy (MeV)

58-Ce-137

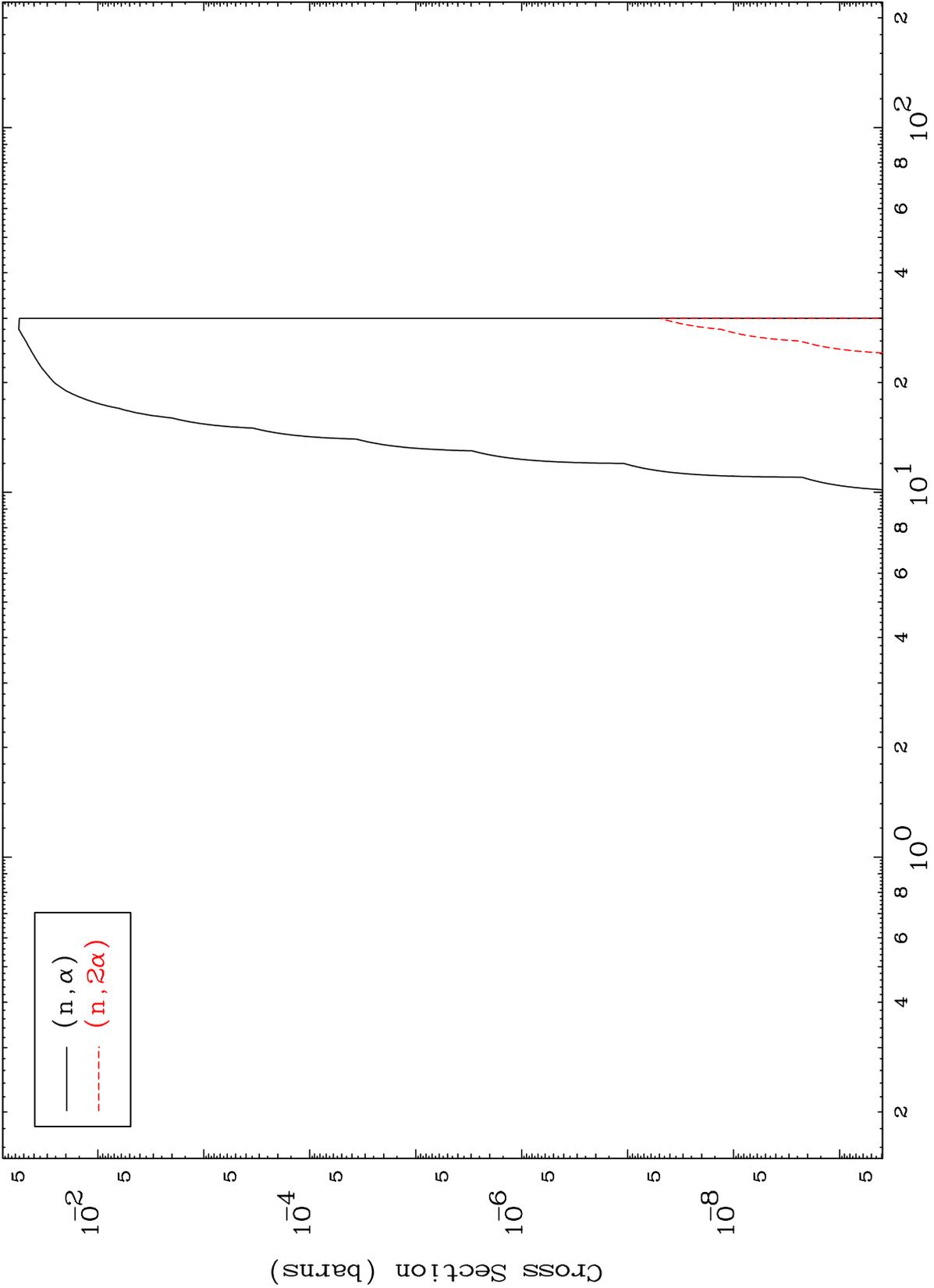


MAT 5828

(α, α) Levels

58-Ce-137

0 Kelvin Cross Sections



10

Incident Energy (MeV)

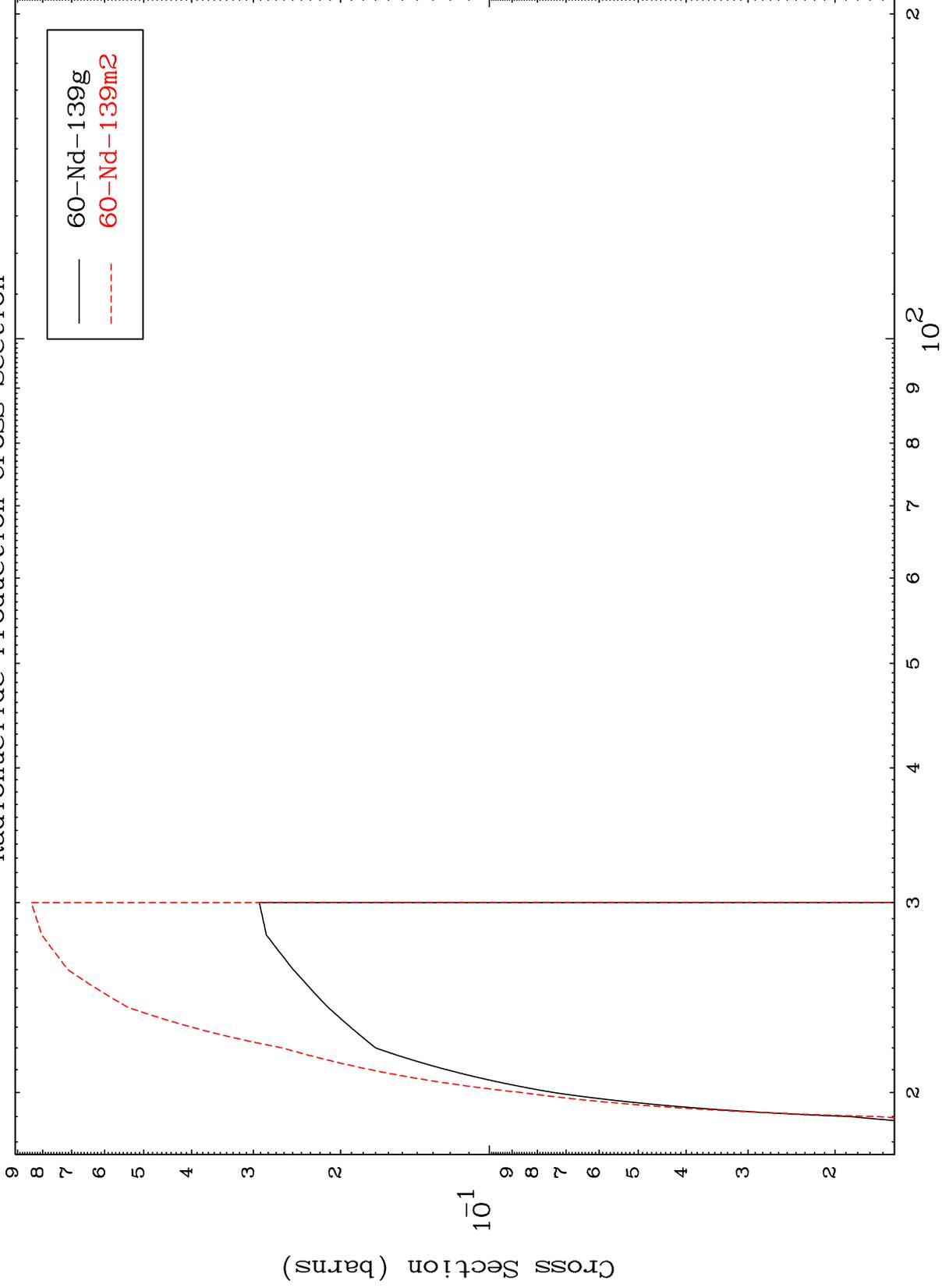
58-Ce-137

MAT 5828

(n,2n)

58-Ce-137

Radionuclide Production Cross Section



11

Incident Energy (MeV)

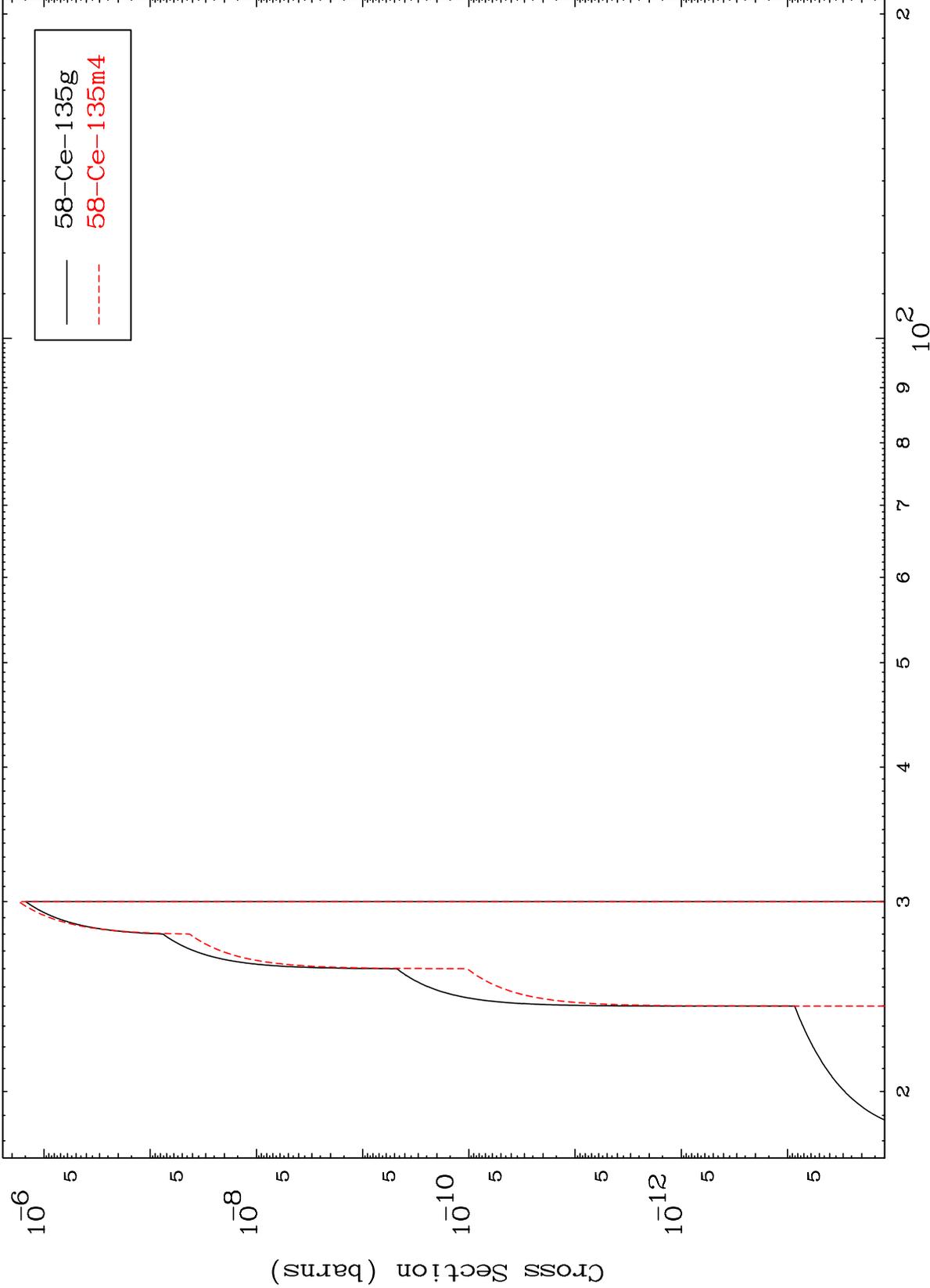
58-Ce-137

MAT 5828

(n,2n) α

58-Ce-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

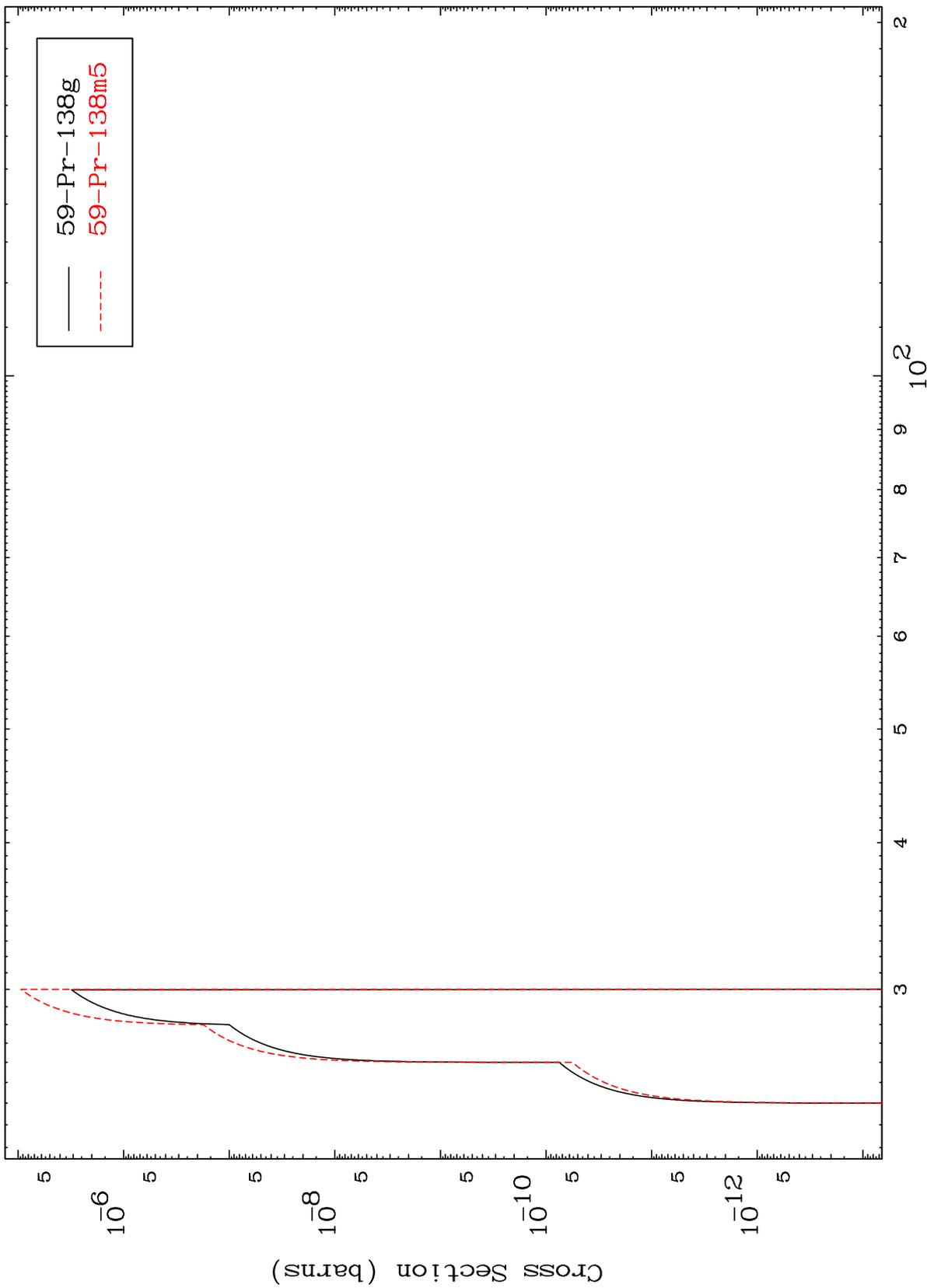
58-Ce-137

MAT 5828

(n,n') d

58-Ce-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

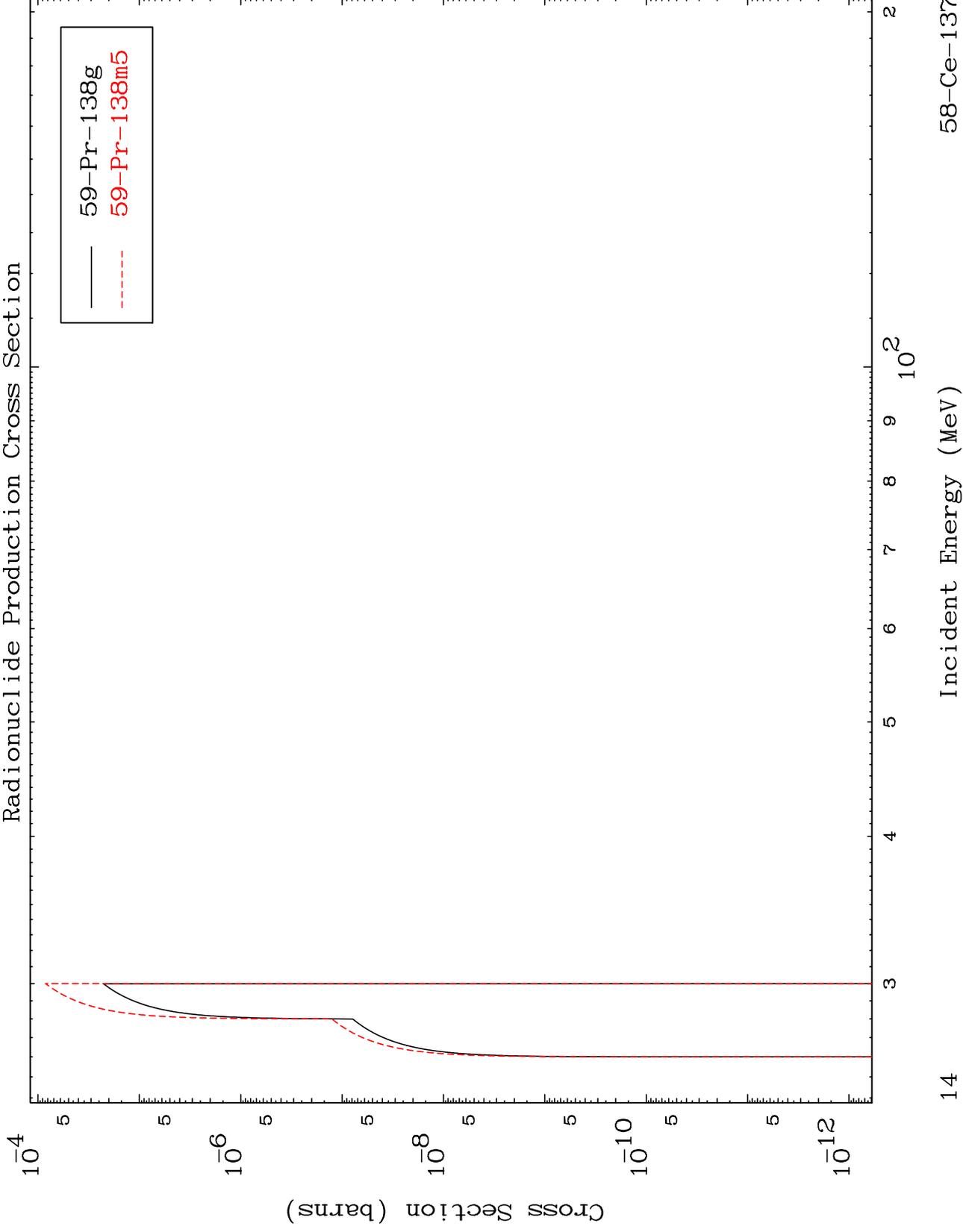
58-Ce-137

MAT 5828

(n,2n) p

58-Ce-137

Radionuclide Production Cross Section



14

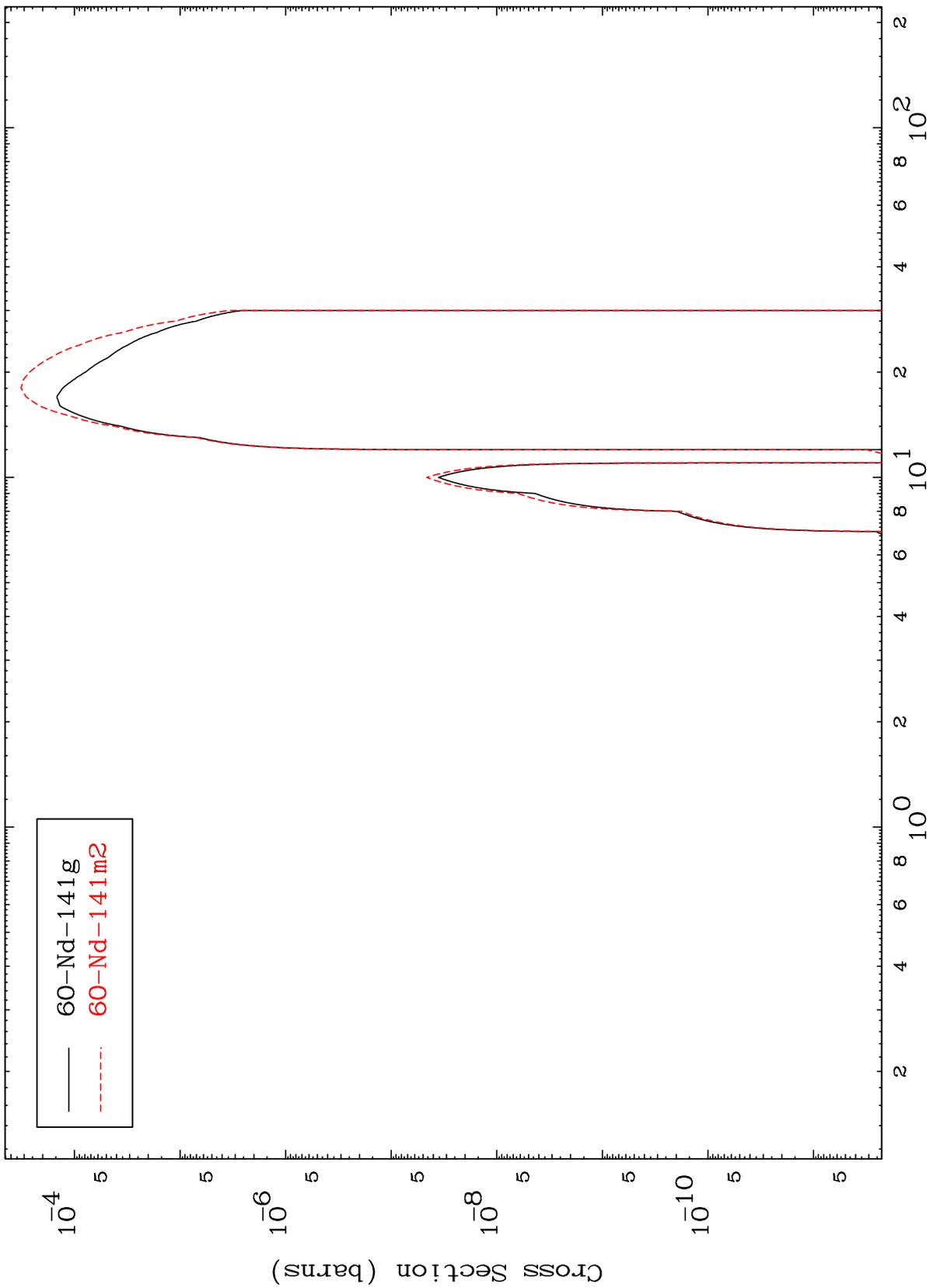
Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

(n, γ)
Radionuclide Production Cross Section

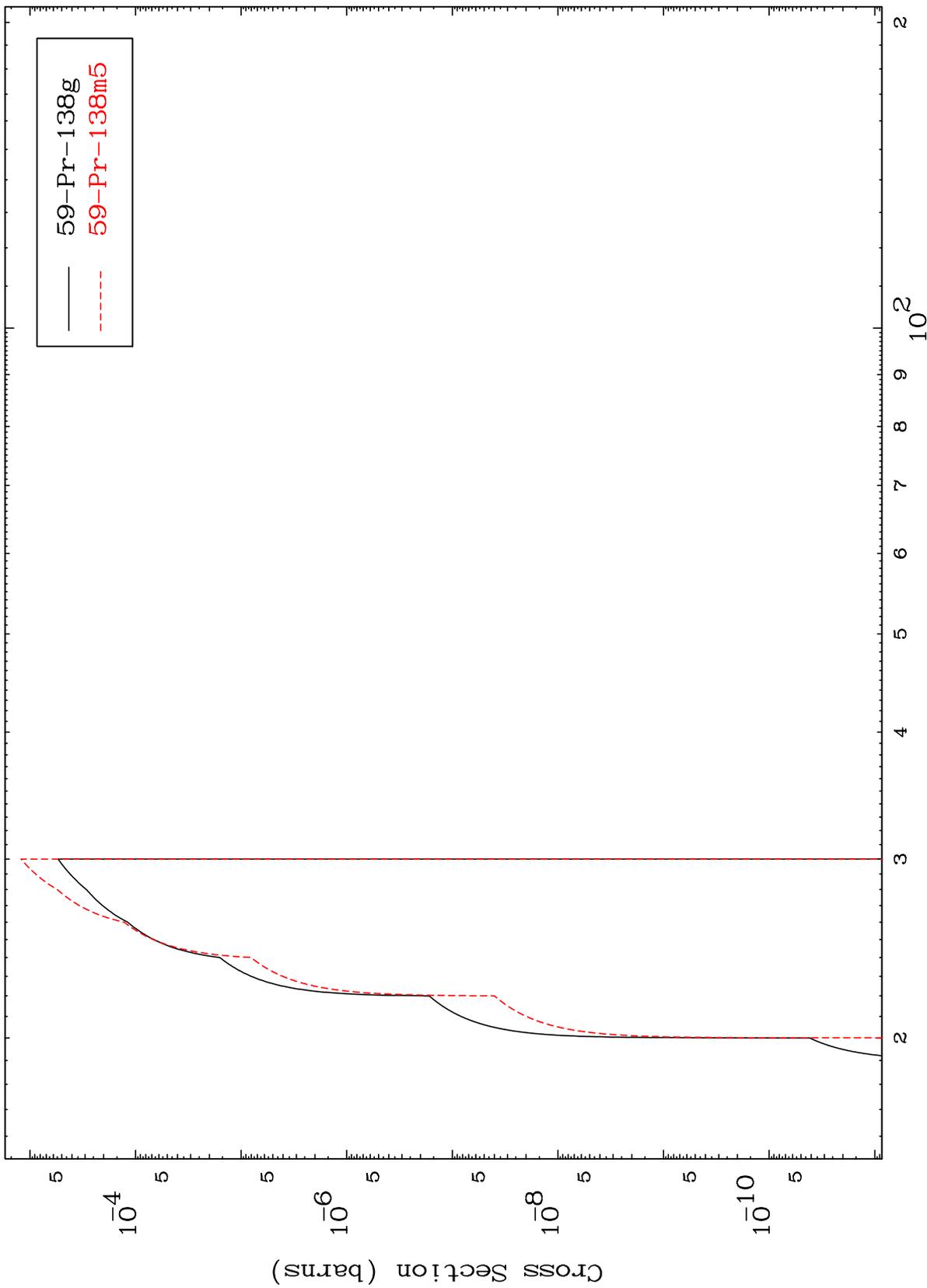


58-Ce-137

Incident Energy (MeV)

15

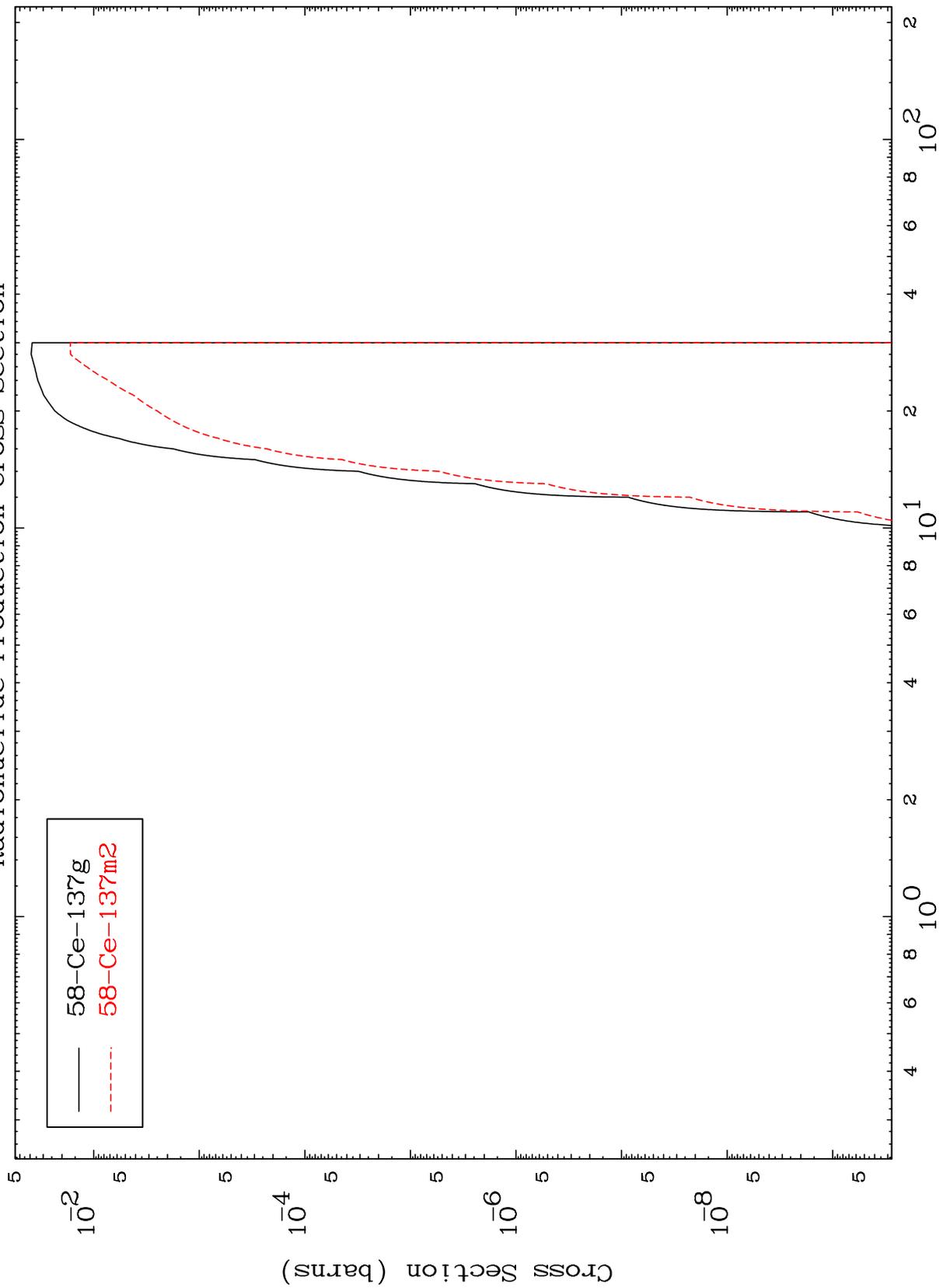
(n,t)
Radionuclide Production Cross Section



MAT 5828

58-Ce-137

(n, α)
Radionuclide Production Cross Section



58-Ce-137

Incident Energy (MeV)

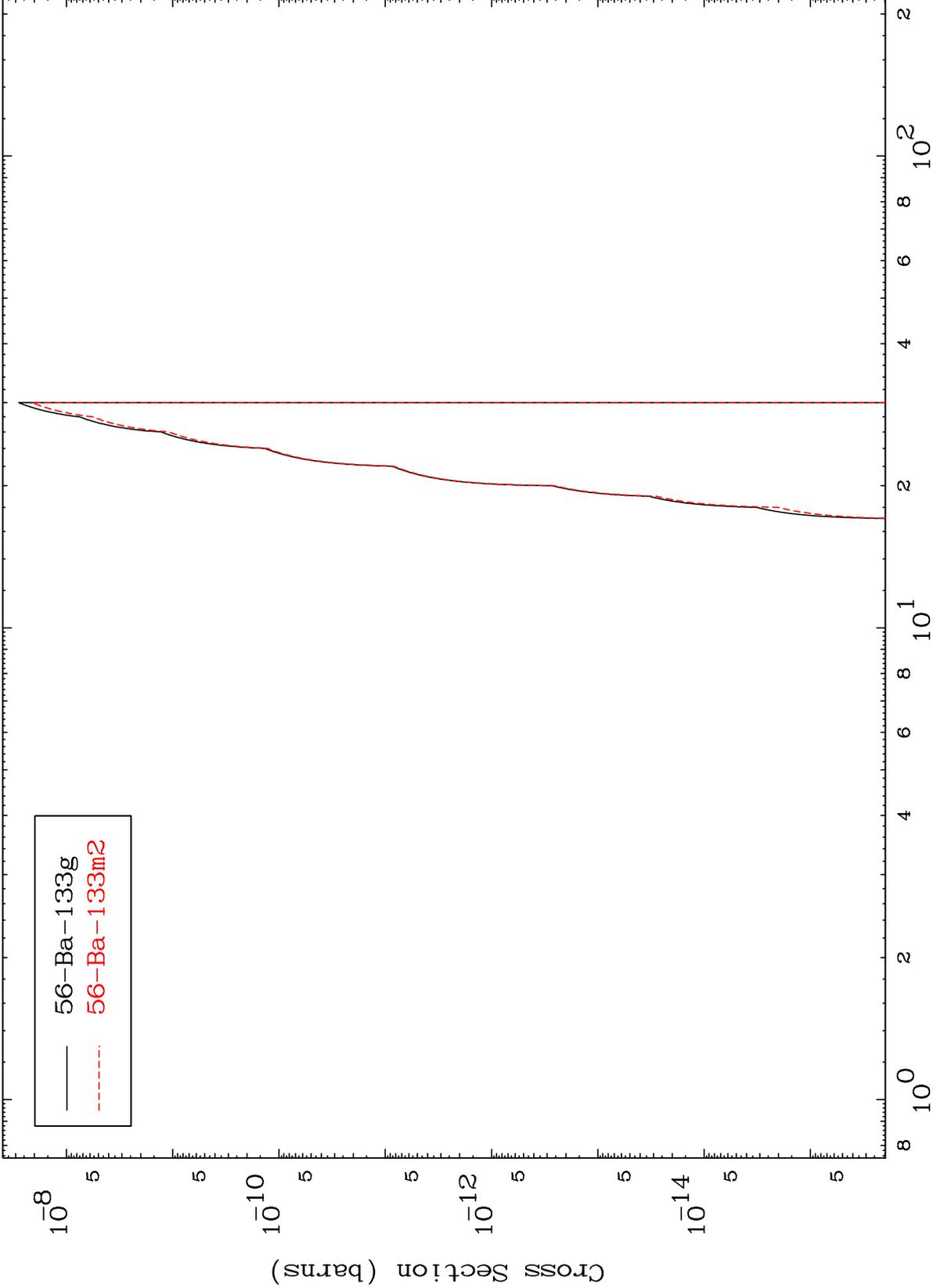
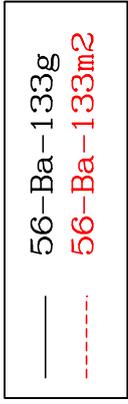
17

MAT 5828

(n,2α)

58-Ce-137

Radionuclide Production Cross Section



18

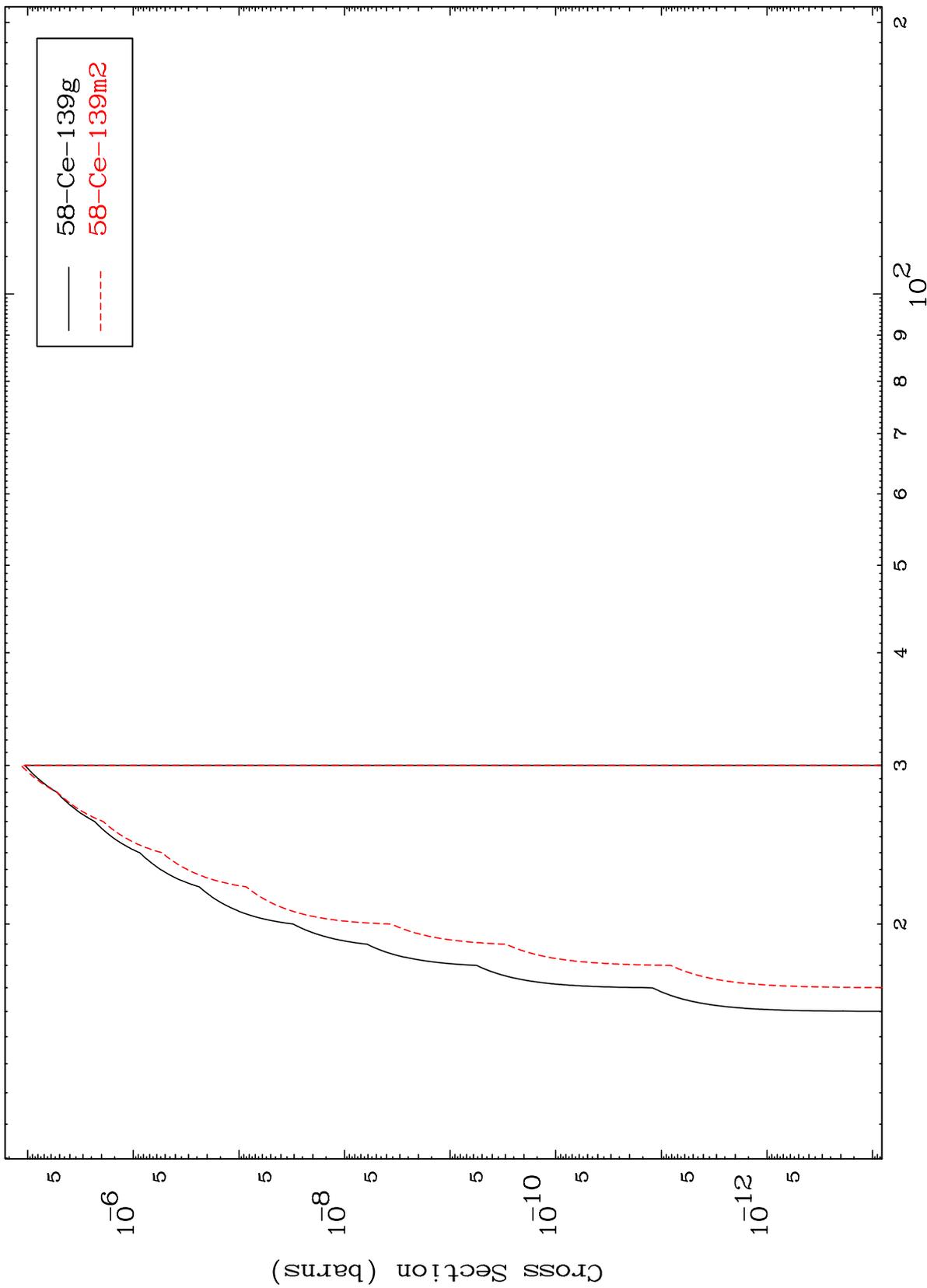
Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

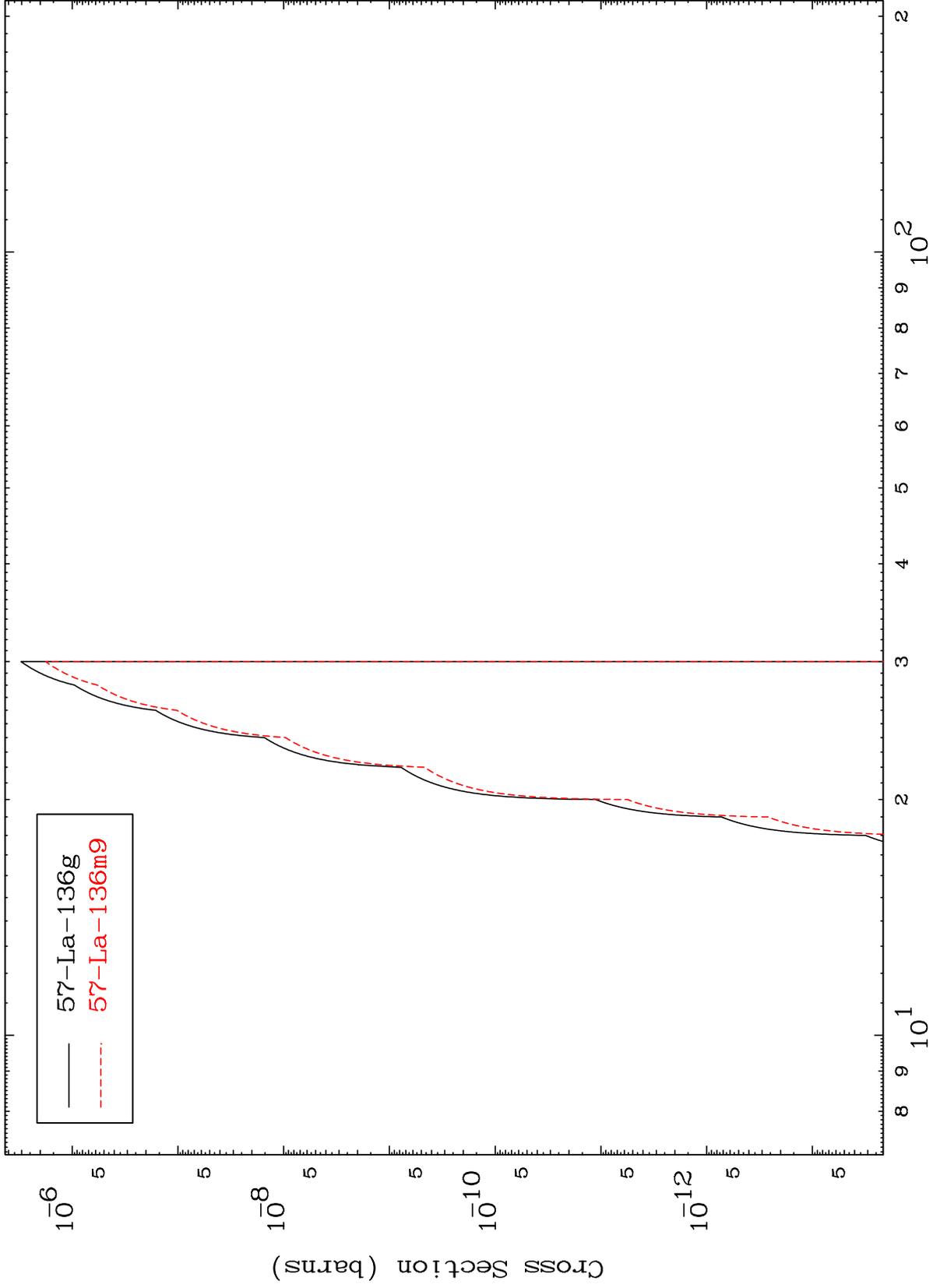
58-Ce-137

MAT 5828

(n,p) α

58-Ce-137

Radionuclide Production Cross Section



20

Incident Energy (MeV)

58-Ce-137