

Program EVALPLOT
(Version 2021-1)

by

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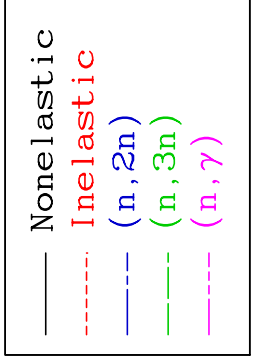
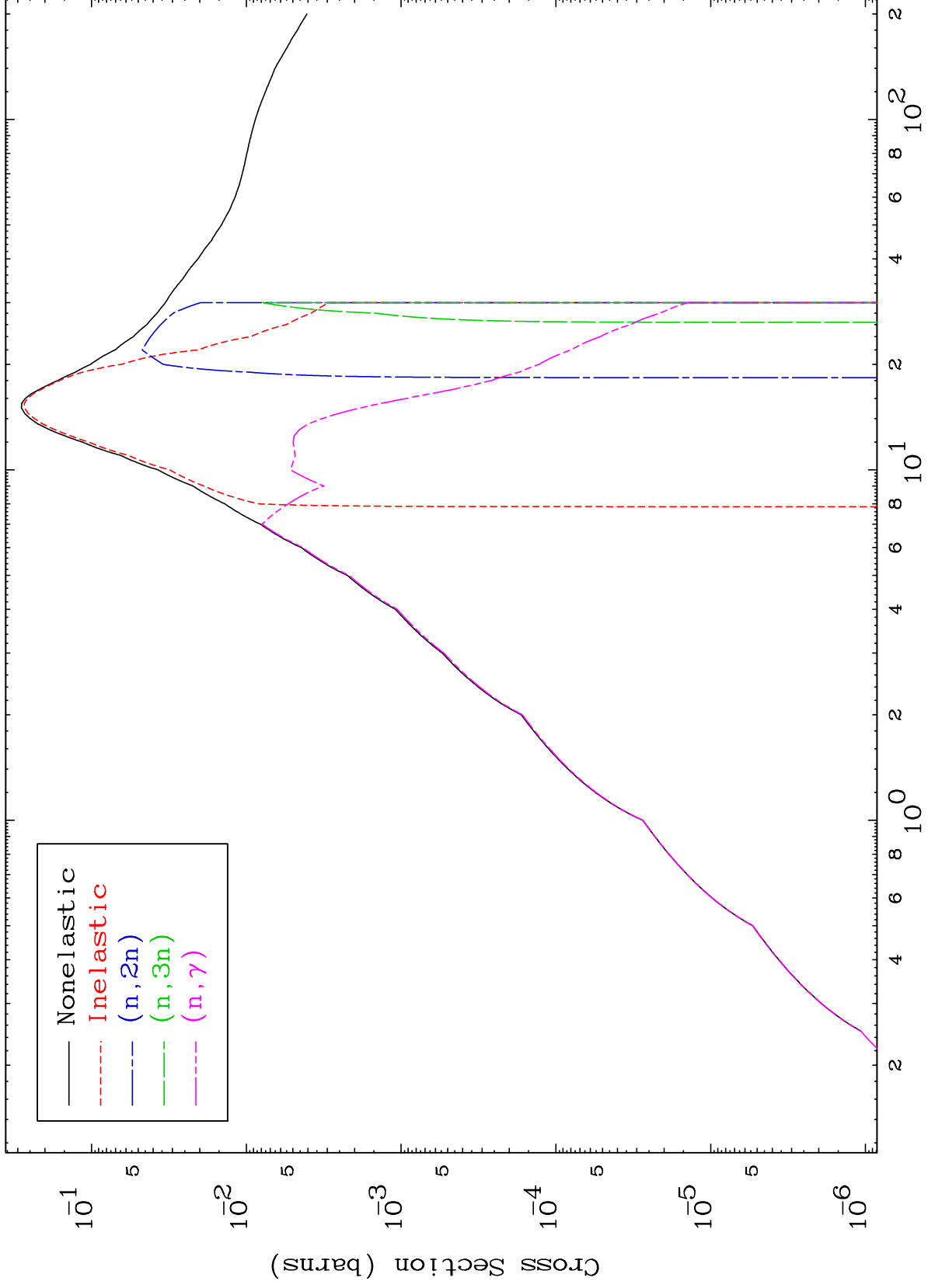
Press Mouse Button to Start

MAT 58222

Photon Major

58-Ce-135

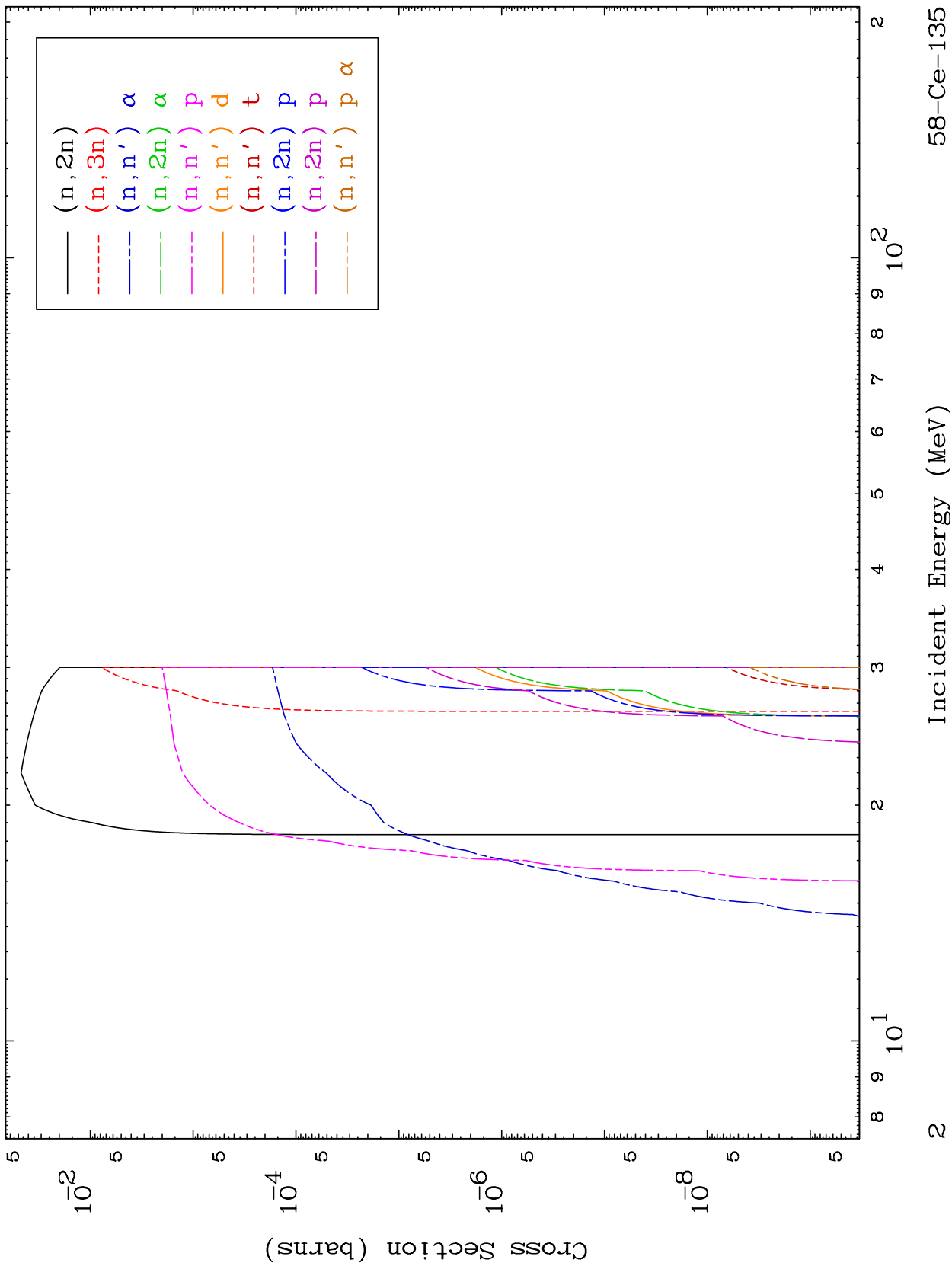
0 Kelvin Cross Sections



MAT 5822

Photon Neutron Absorption
0 Kelvin Cross Sections

58-Ce-135



58-Ce-135

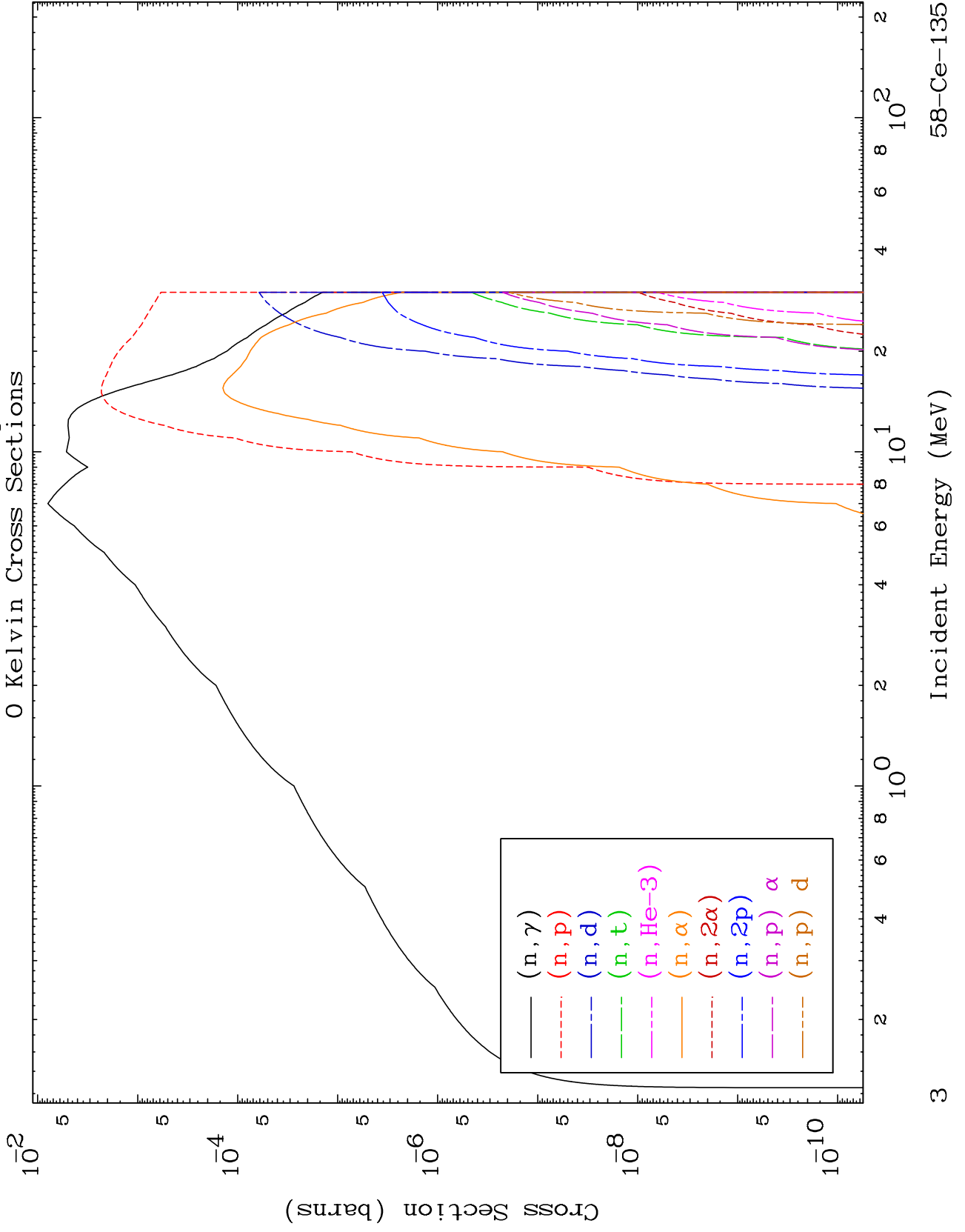
Incident Energy (MeV)

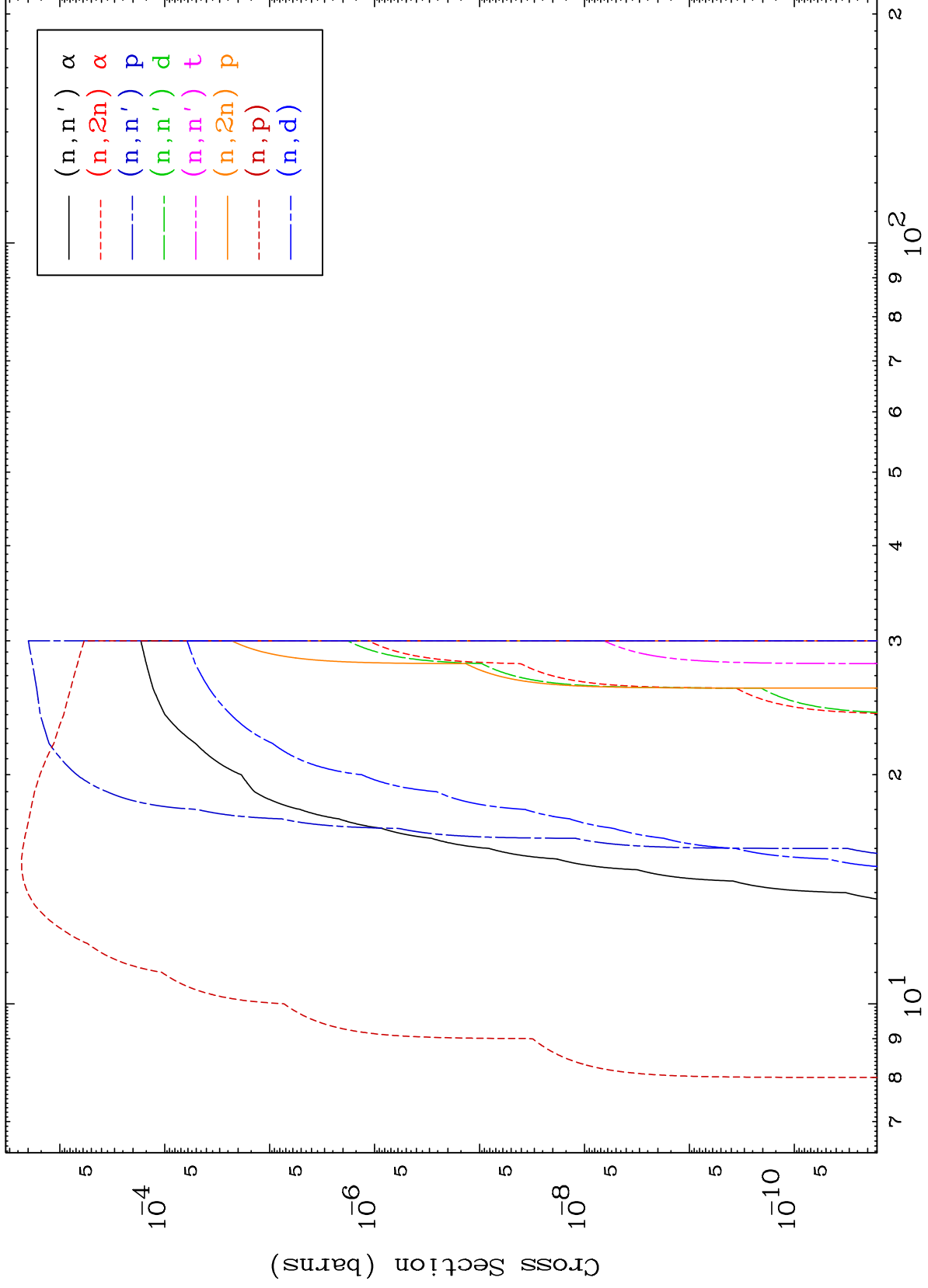
2

MAT 5822

Photon Neutron Absorption
0 Kelvin Cross Sections

58-Ce-135

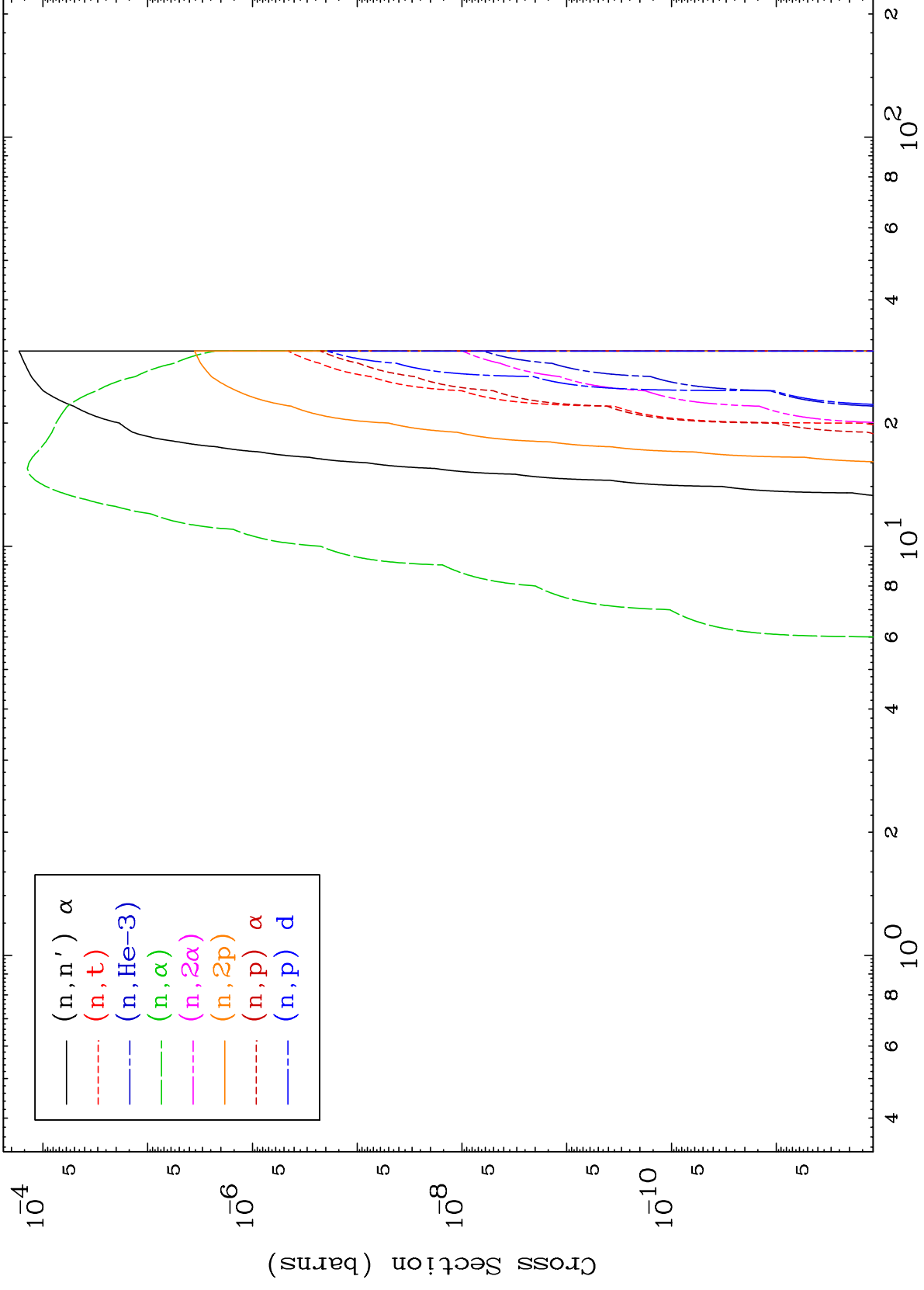




MAT 58222

Photon Charged Particle
0 Kelvin Cross Sections

58-Ce-135



5

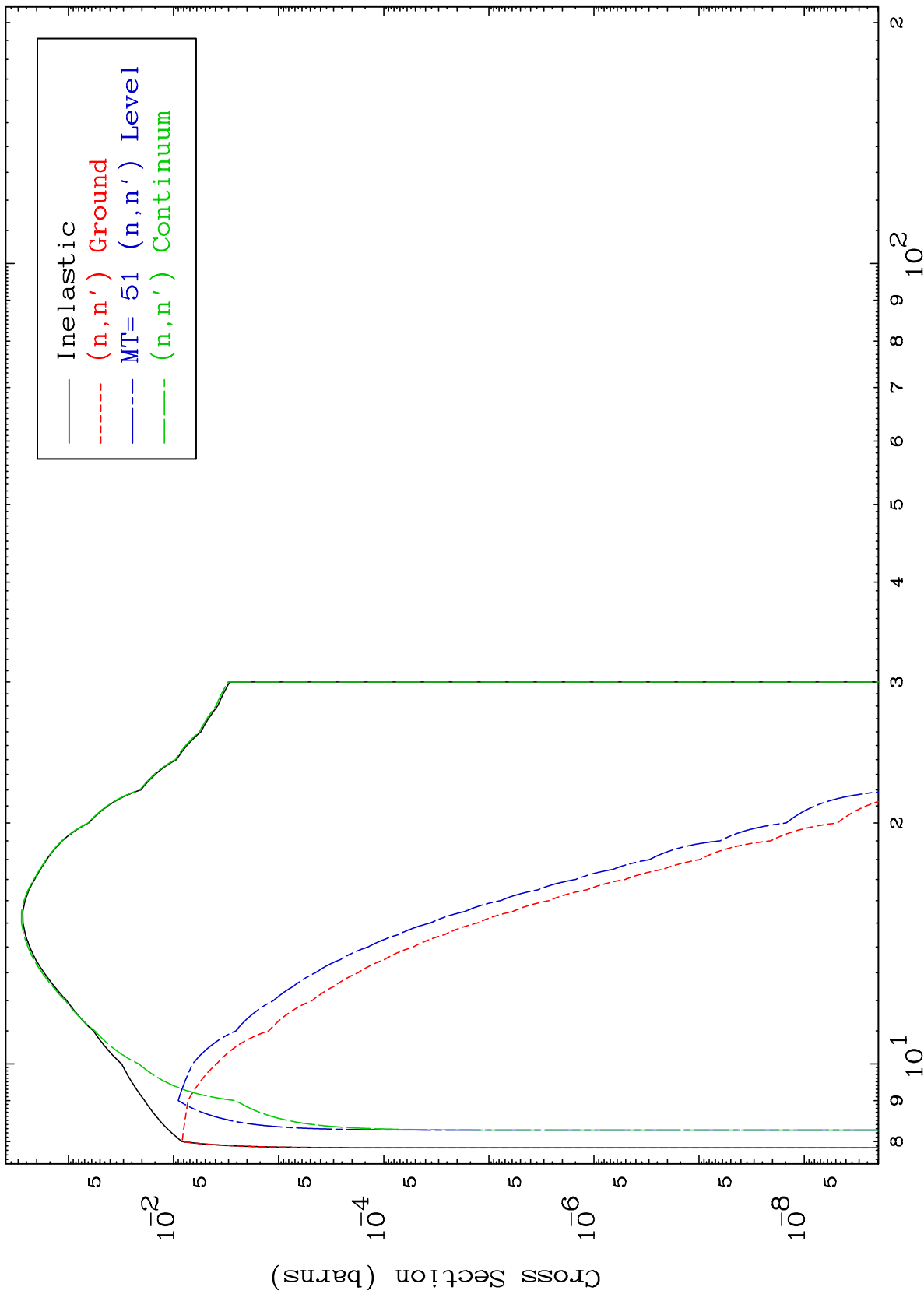
Incident Energy (MeV)

58-Ce-135

MAT 5822

58-Ce-135

(γ, n') Levels
0 Kelvin Cross Sections



58-Ce-135

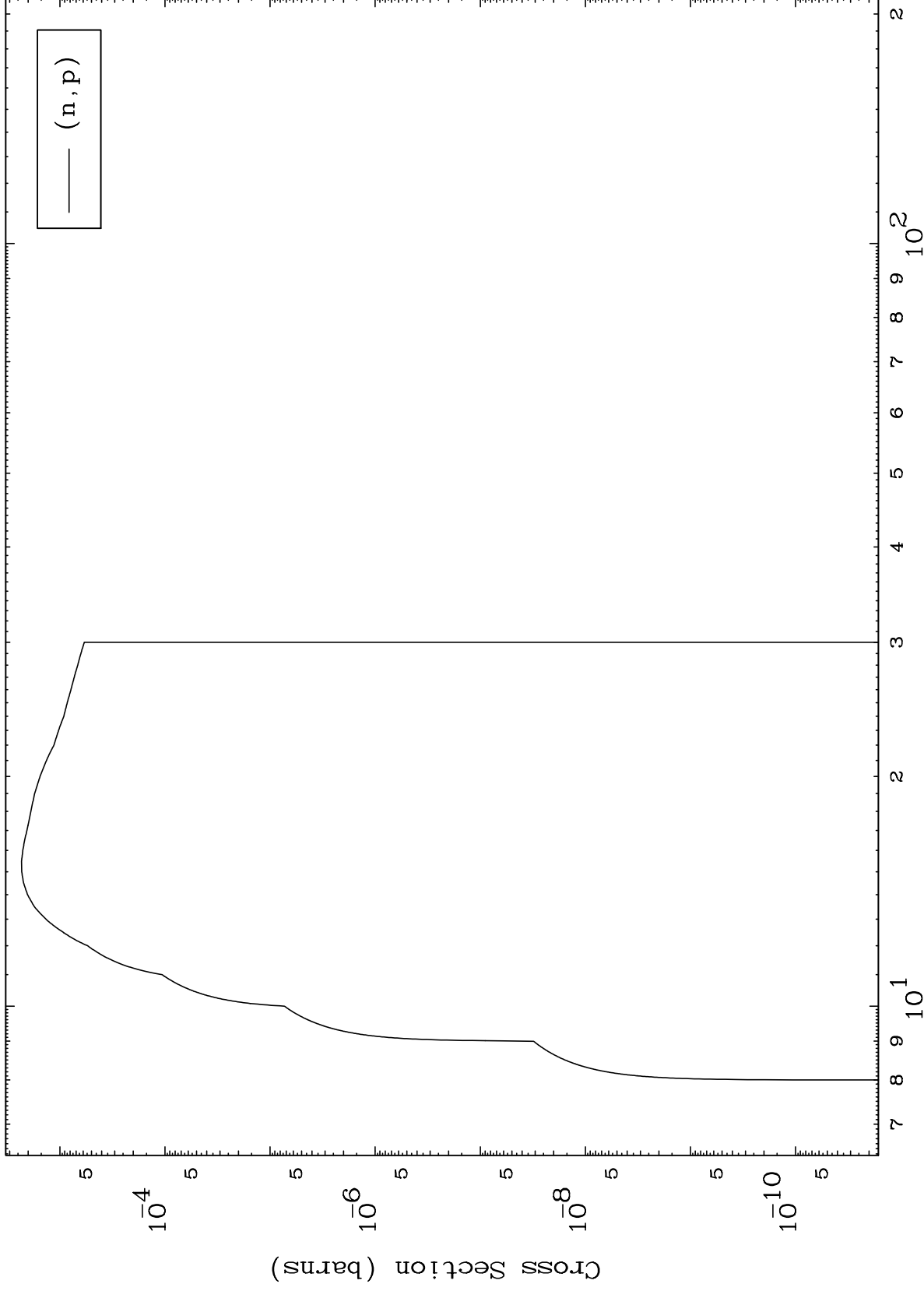
Incident Energy (MeV)

6

MAT 5822

(γ, p) Levels
0 Kelvin Cross Sections

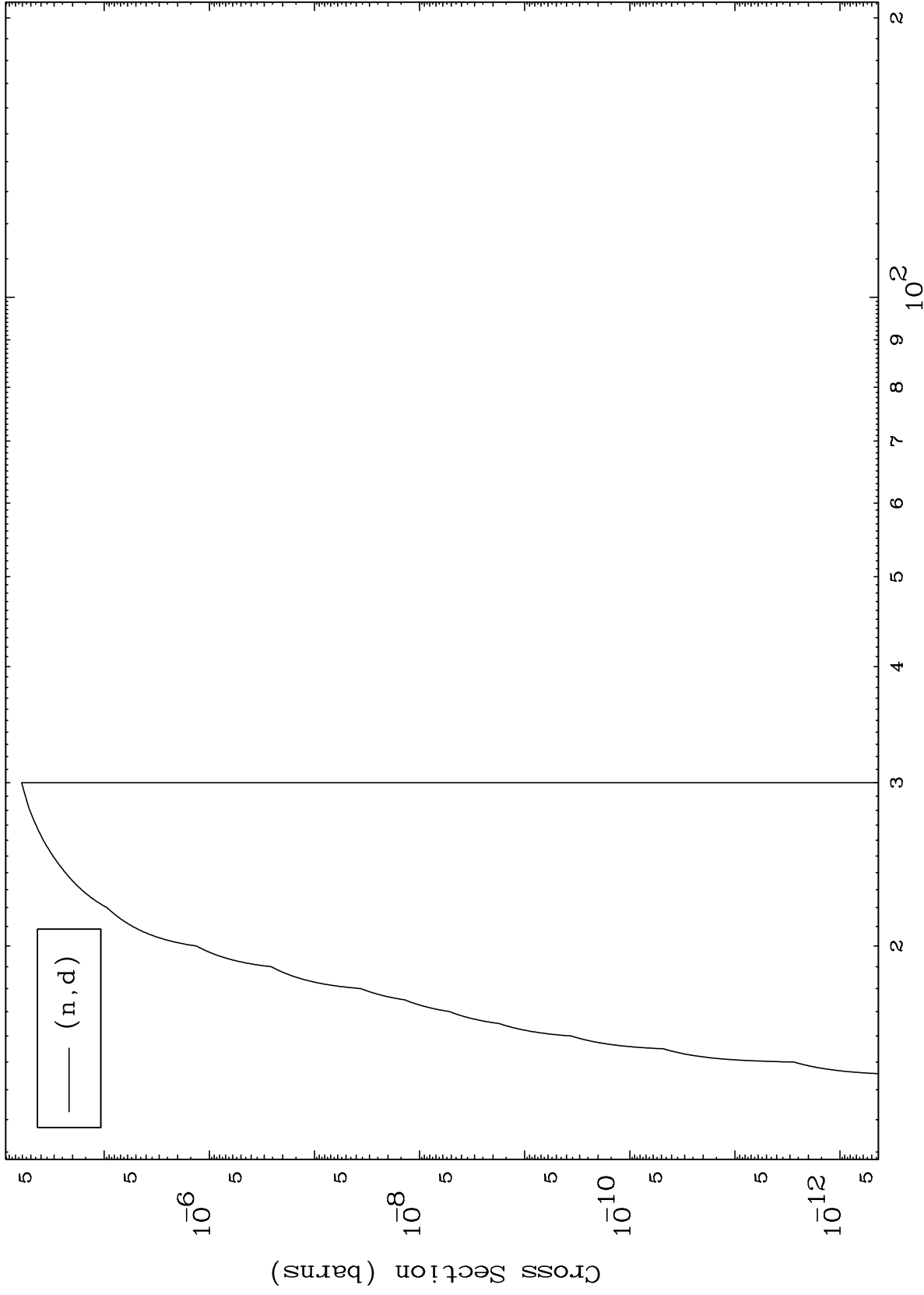
58-Ce-135



7

Incident Energy (MeV)

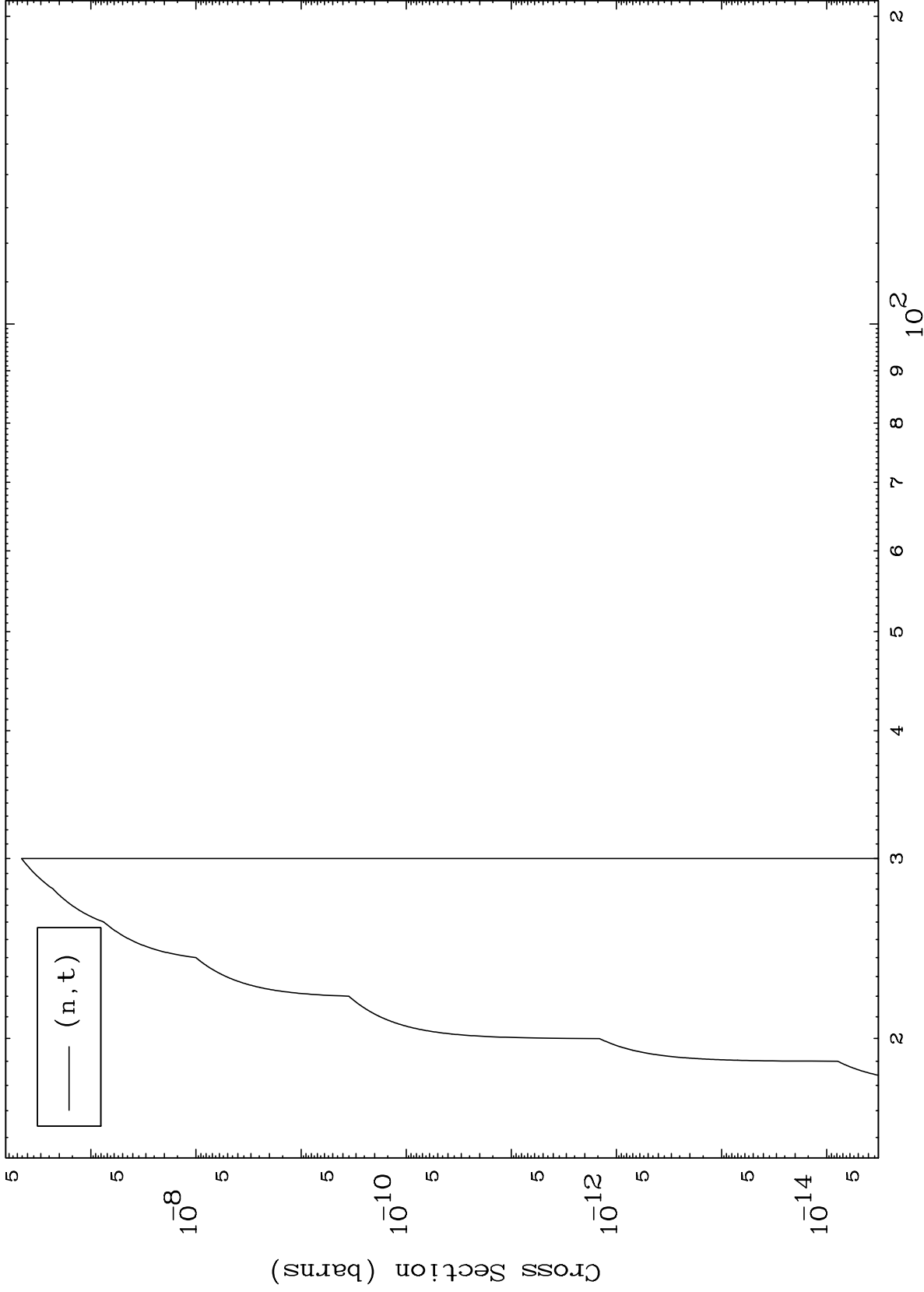
58-Ce-135



MAT 58222

(γ, t) Levels
0 Kelvin Cross Sections

58-Ce-135



9

Incident Energy (MeV)

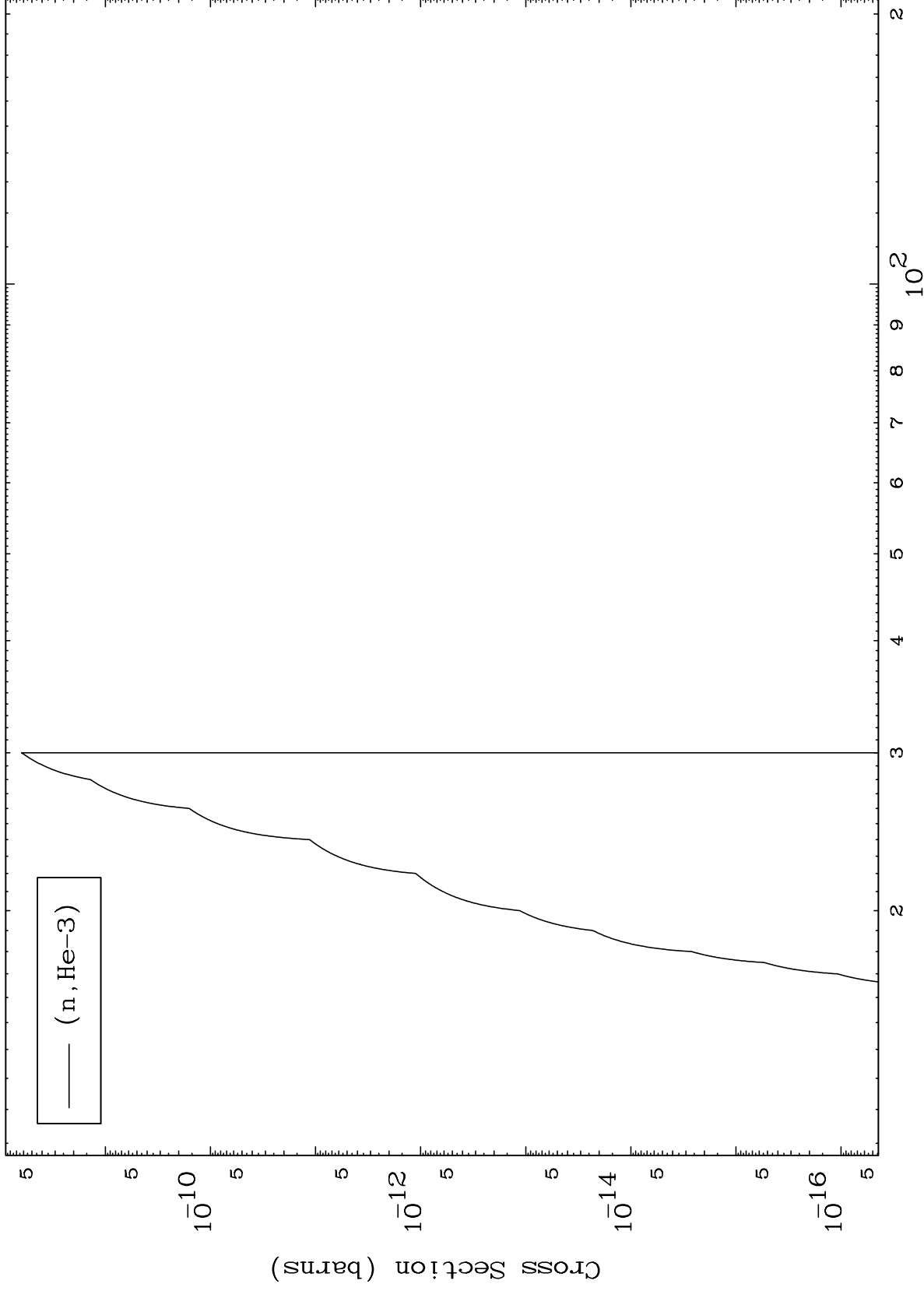
58-Ce-135

MAT 58222

($\gamma, \text{He}3$) Levels

58-Ce-135

0 Kelvin Cross Sections



(n, He-3)

10

Incident Energy (MeV)

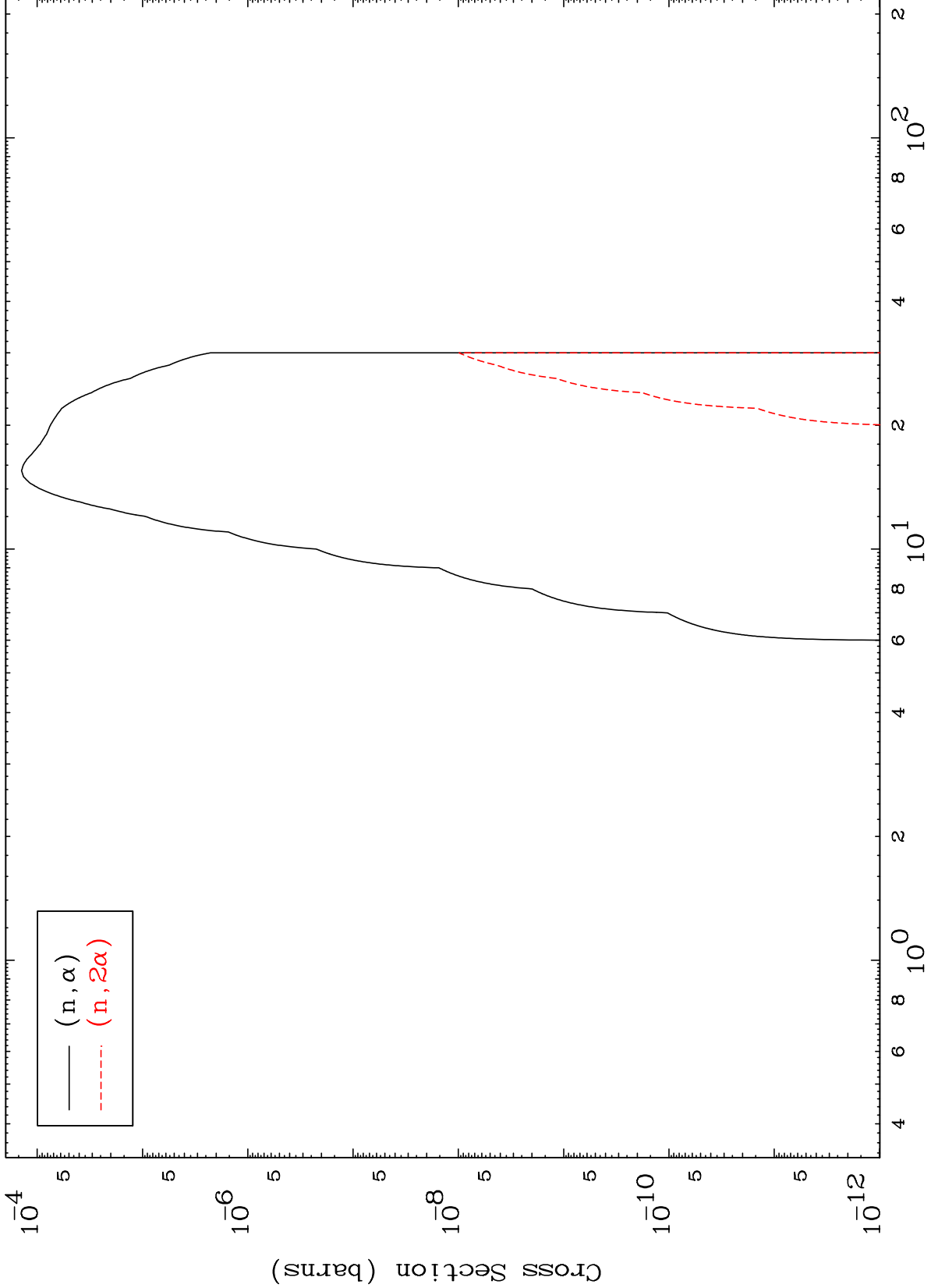
58-Ce-135

MAT 58222

(γ, α) Levels

58-Ce-135

0 Kelvin Cross Sections



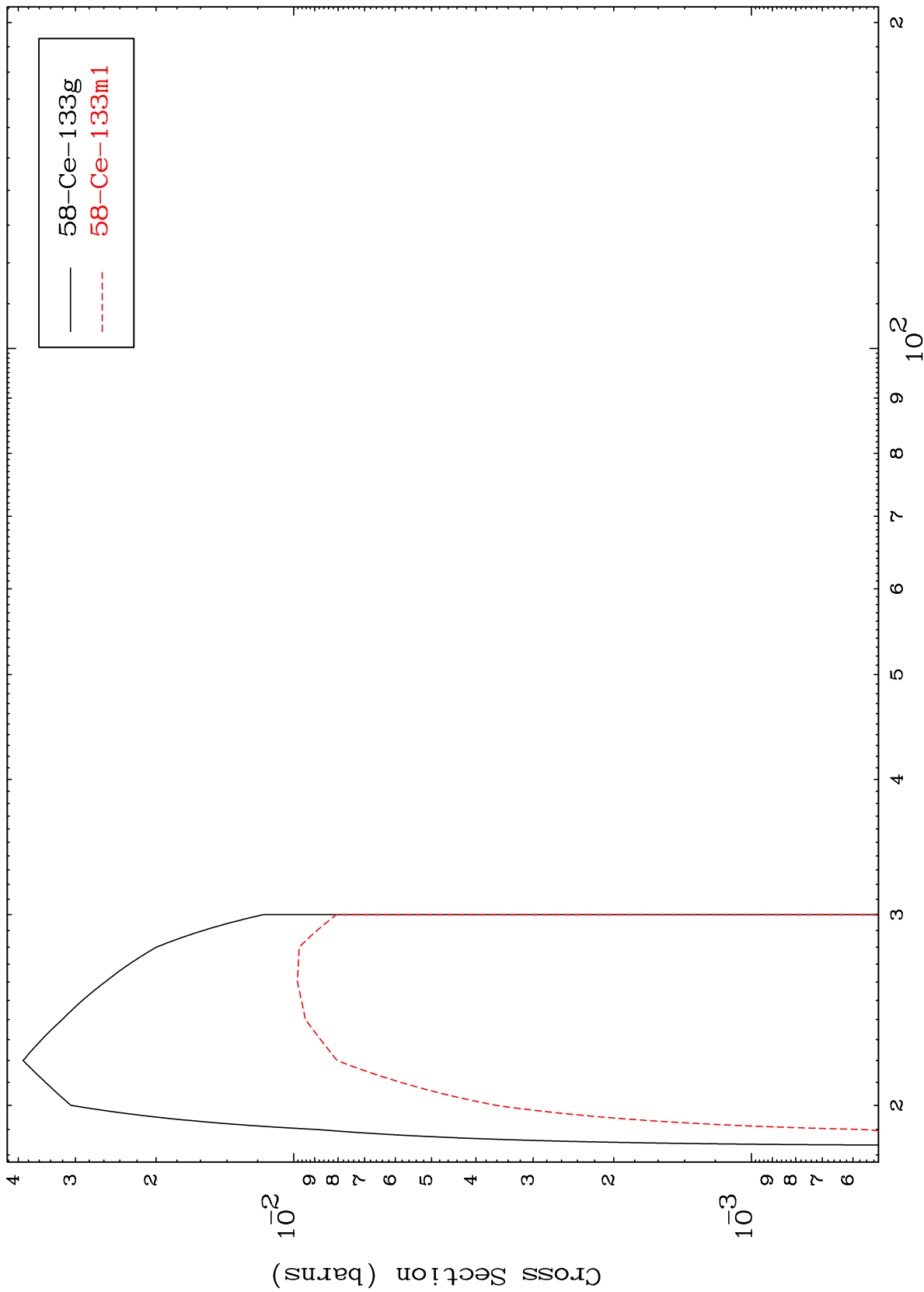
— (n, α)
- - - ($n, 2\alpha$)

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58-Ce-135

(n,2n)

Radionuclide Production Cross Section

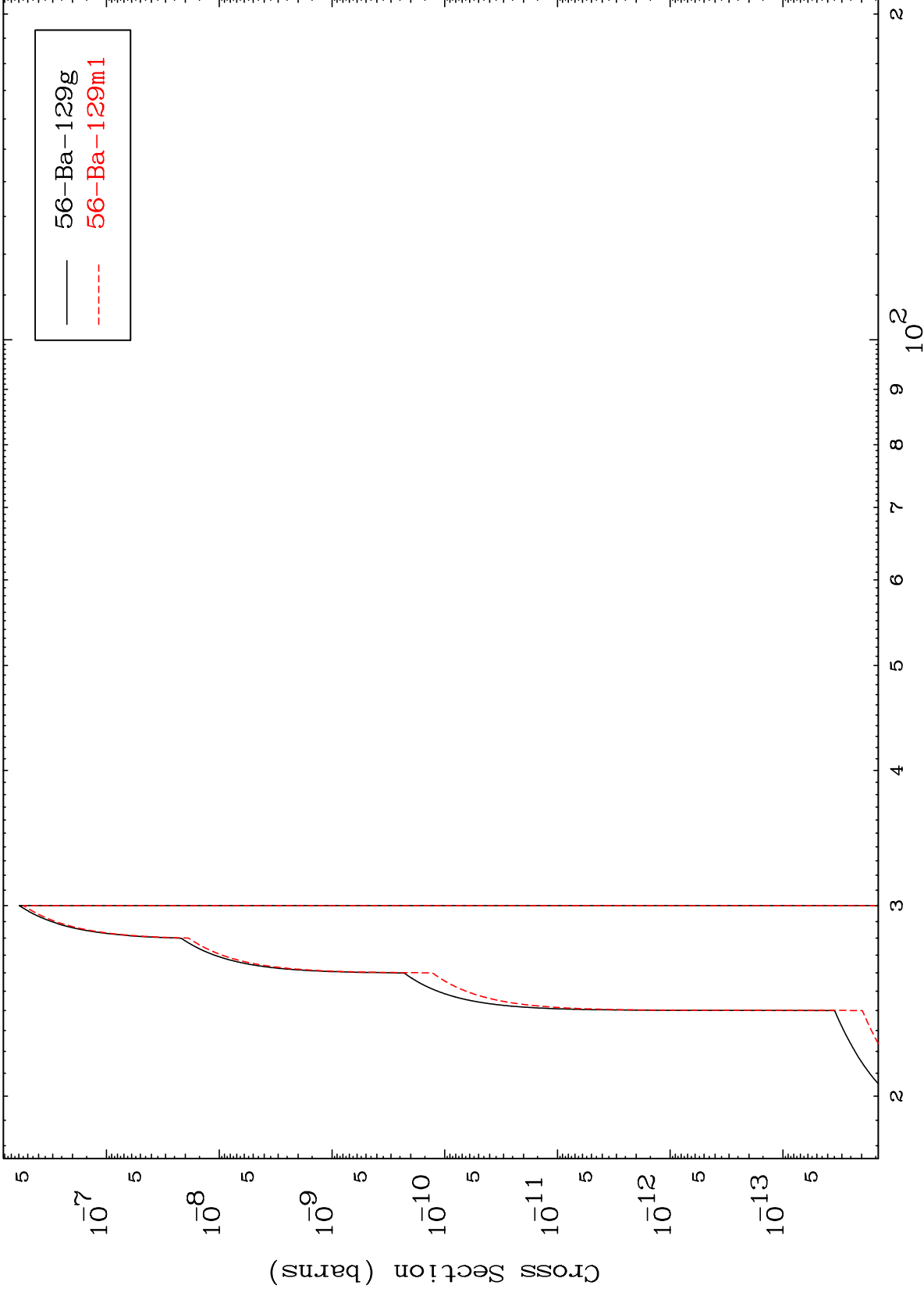


12

Incident Energy (MeV)

58-Ce-135

Radionuclide Production Cross Section

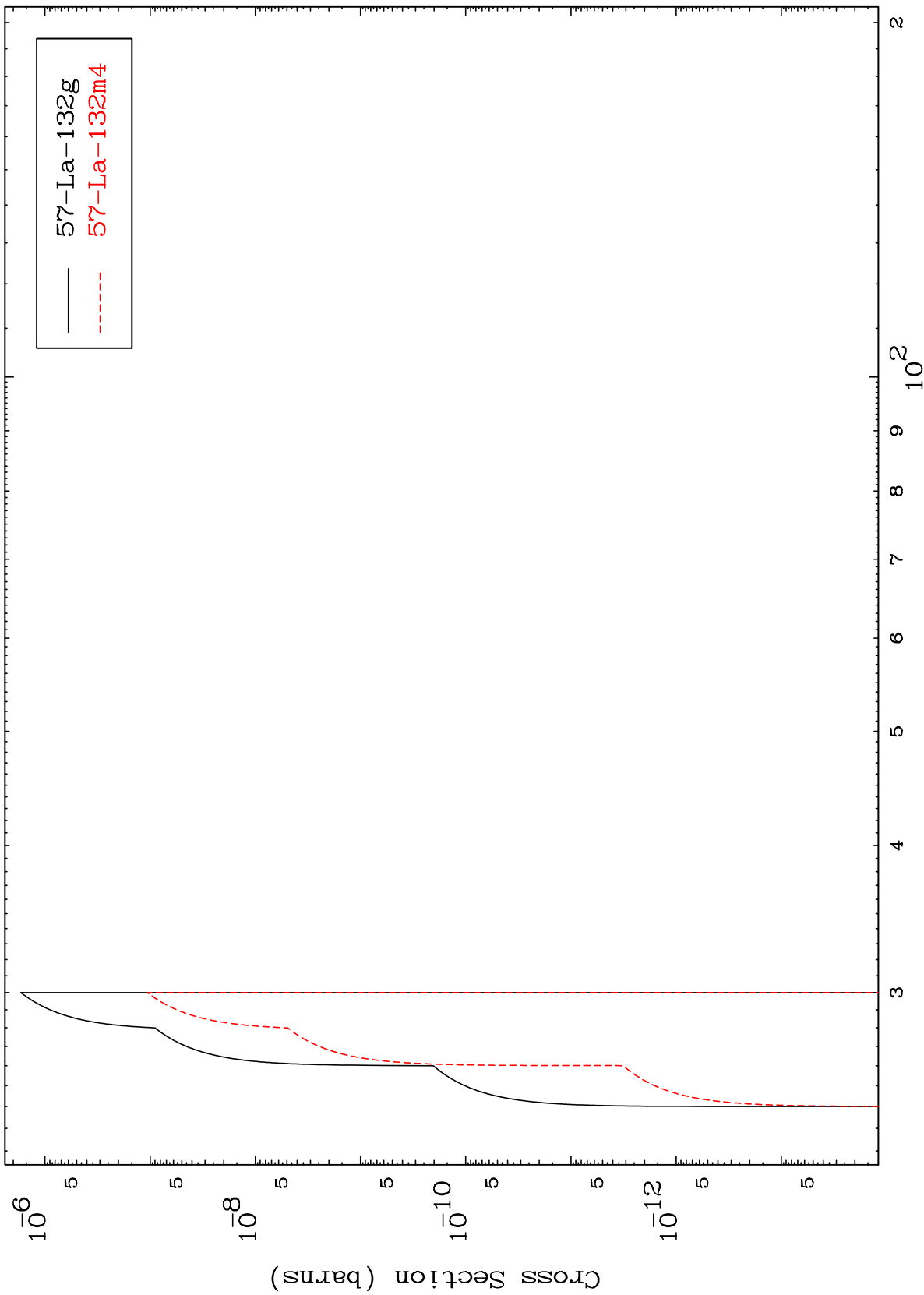


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(n,n') d

58-Ce-135

Radionuclide Production Cross Section



14

Incident Energy (MeV)

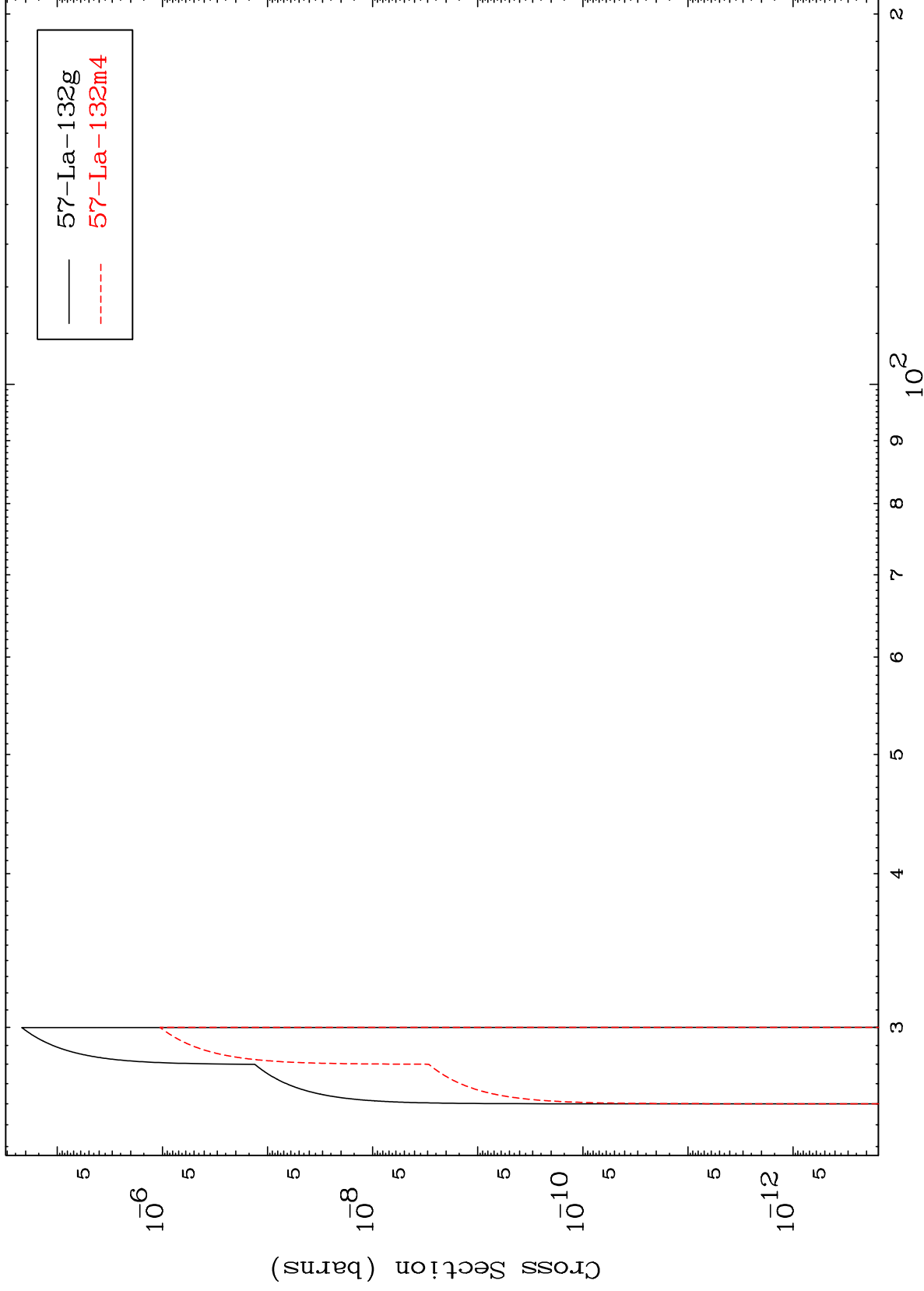
58-Ce-135

MAT 5822

(n,2n) p

58-Ce-135

Radionuclide Production Cross Section



15

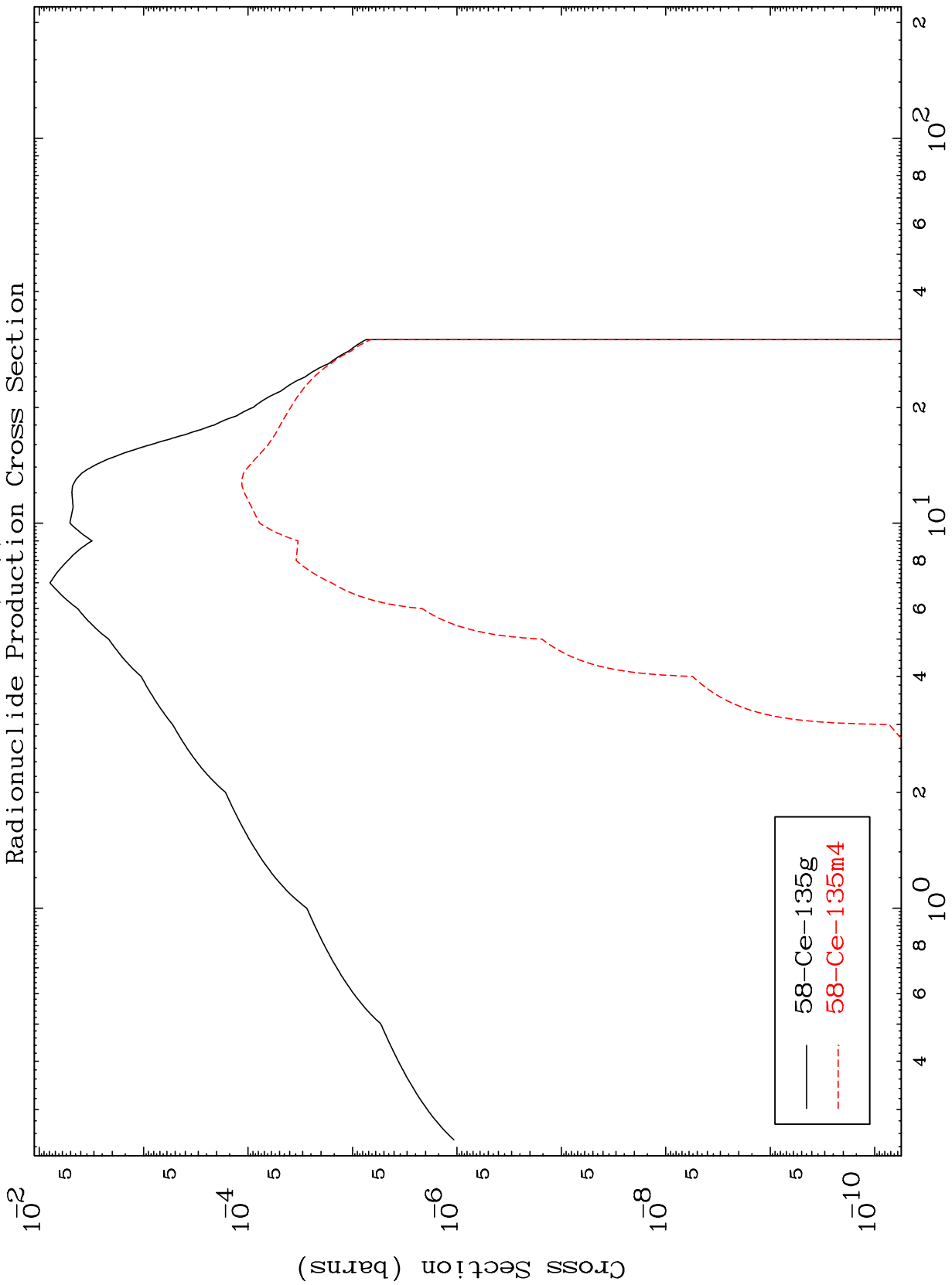
Incident Energy (MeV)

58-Ce-135

MAT 58222

58-Ce-135

(n, γ)
Radionuclide Production Cross Section



16

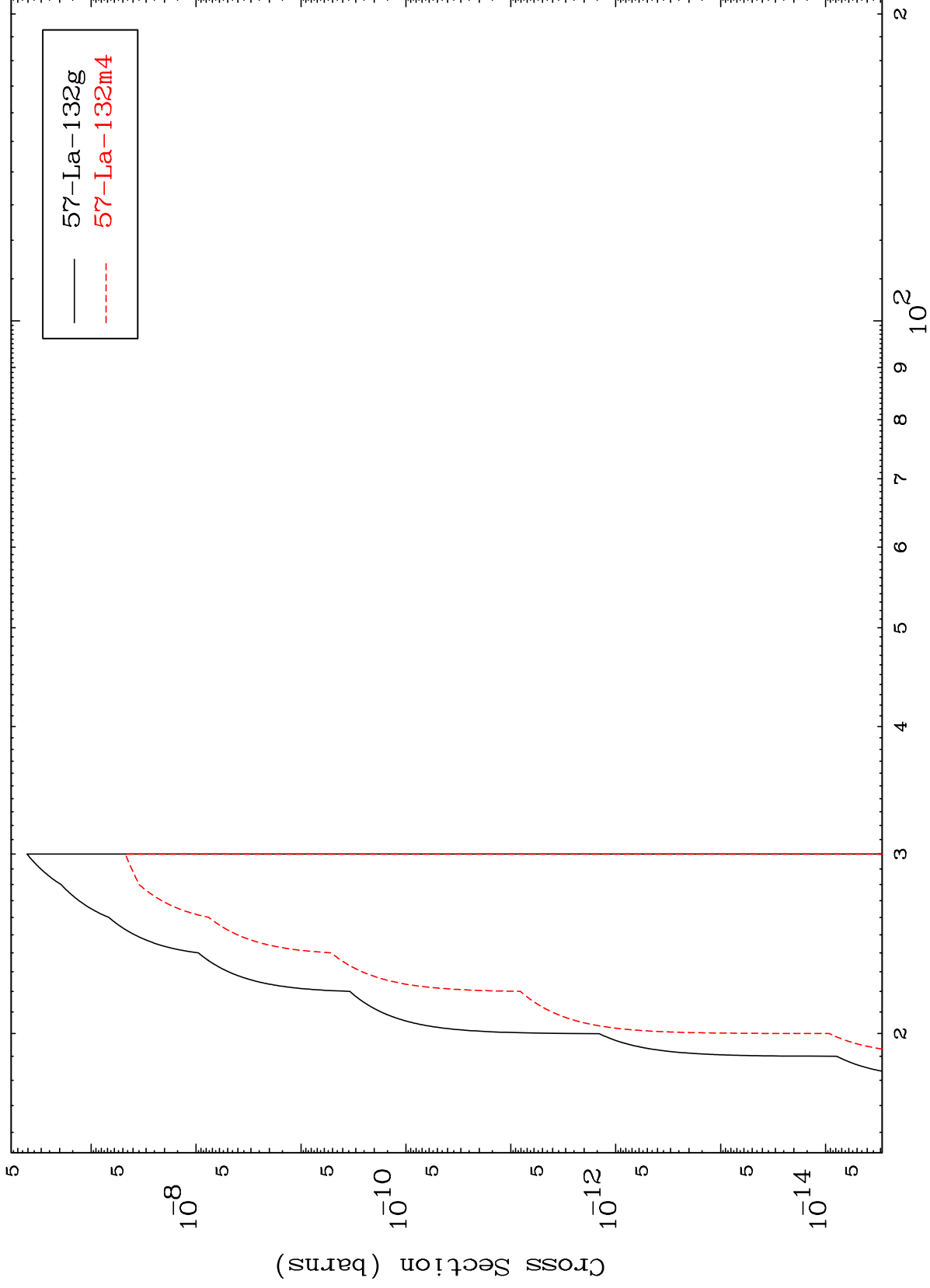
58-Ce-135

MAT 58222

(n, t)

58-Ce-135

Radionuclide Production Cross Section



17

Incident Energy (MeV)

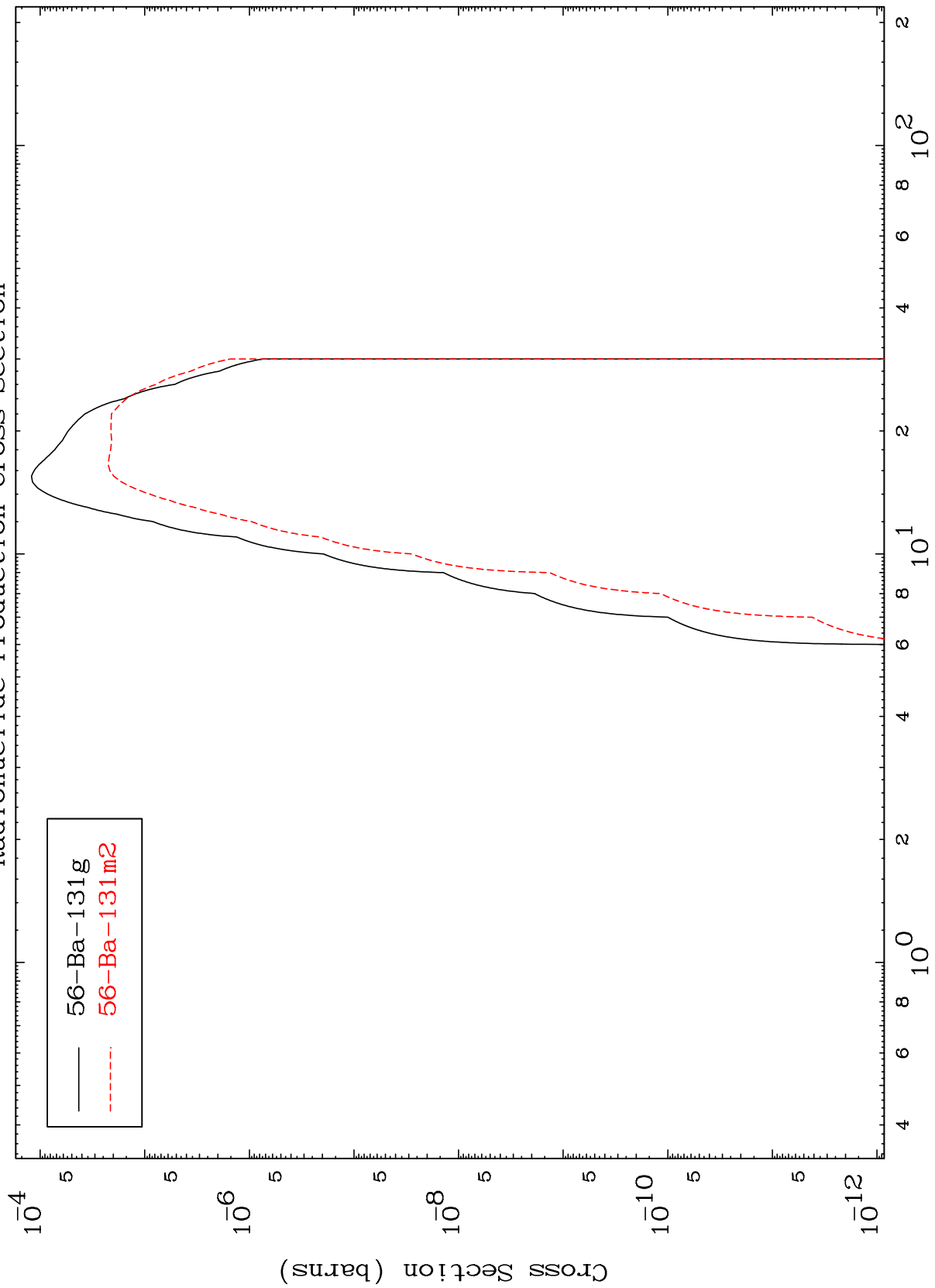
58-Ce-135

MAT 58222

(n, α)

58-Ce-135

Radionuclide Production Cross Section



56-Ba-131g
56-Ba-131m2

18

Incident Energy (MeV)

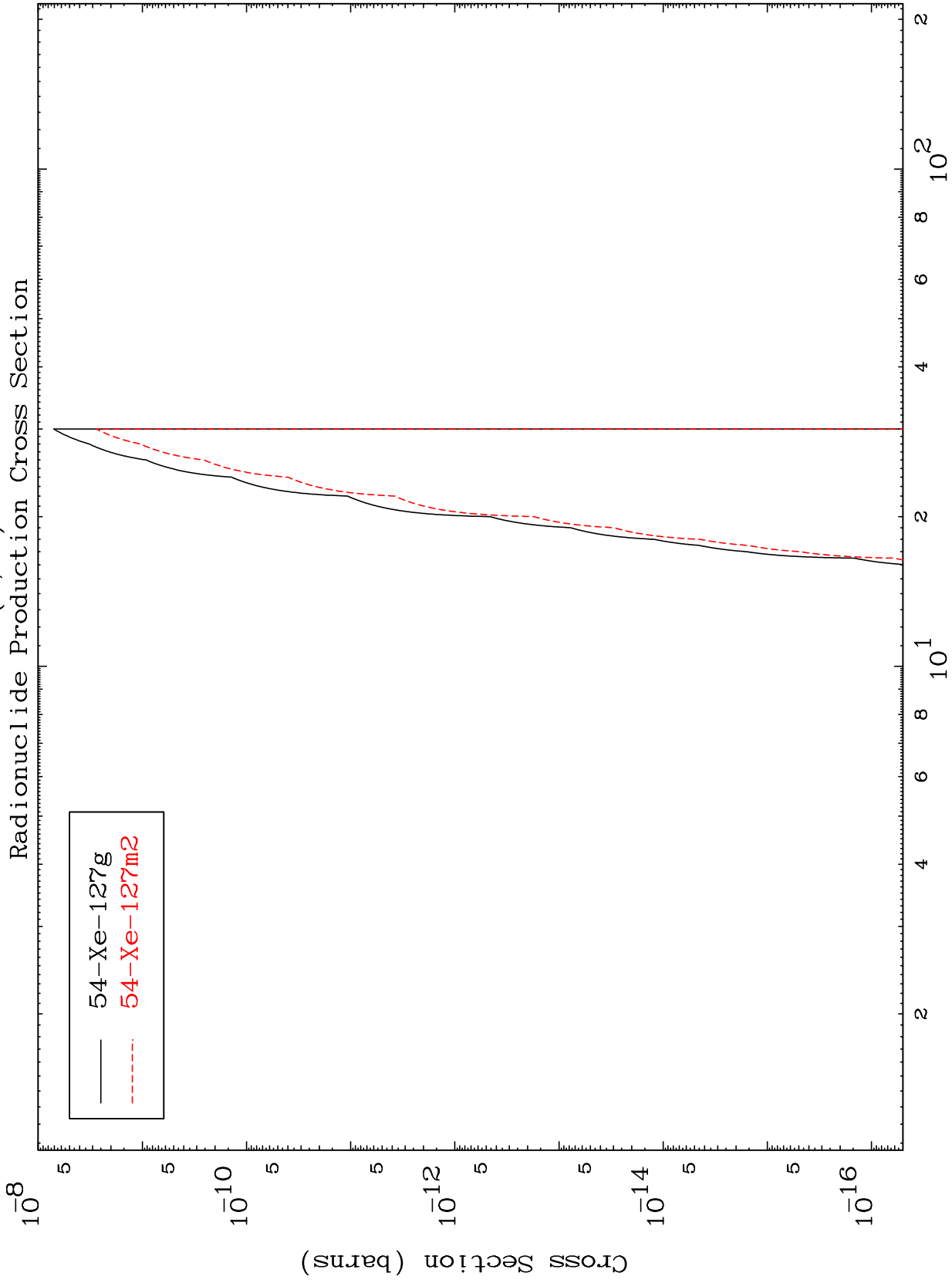
58-Ce-135

MAT 5822

(n,2α)

58-Ce-135

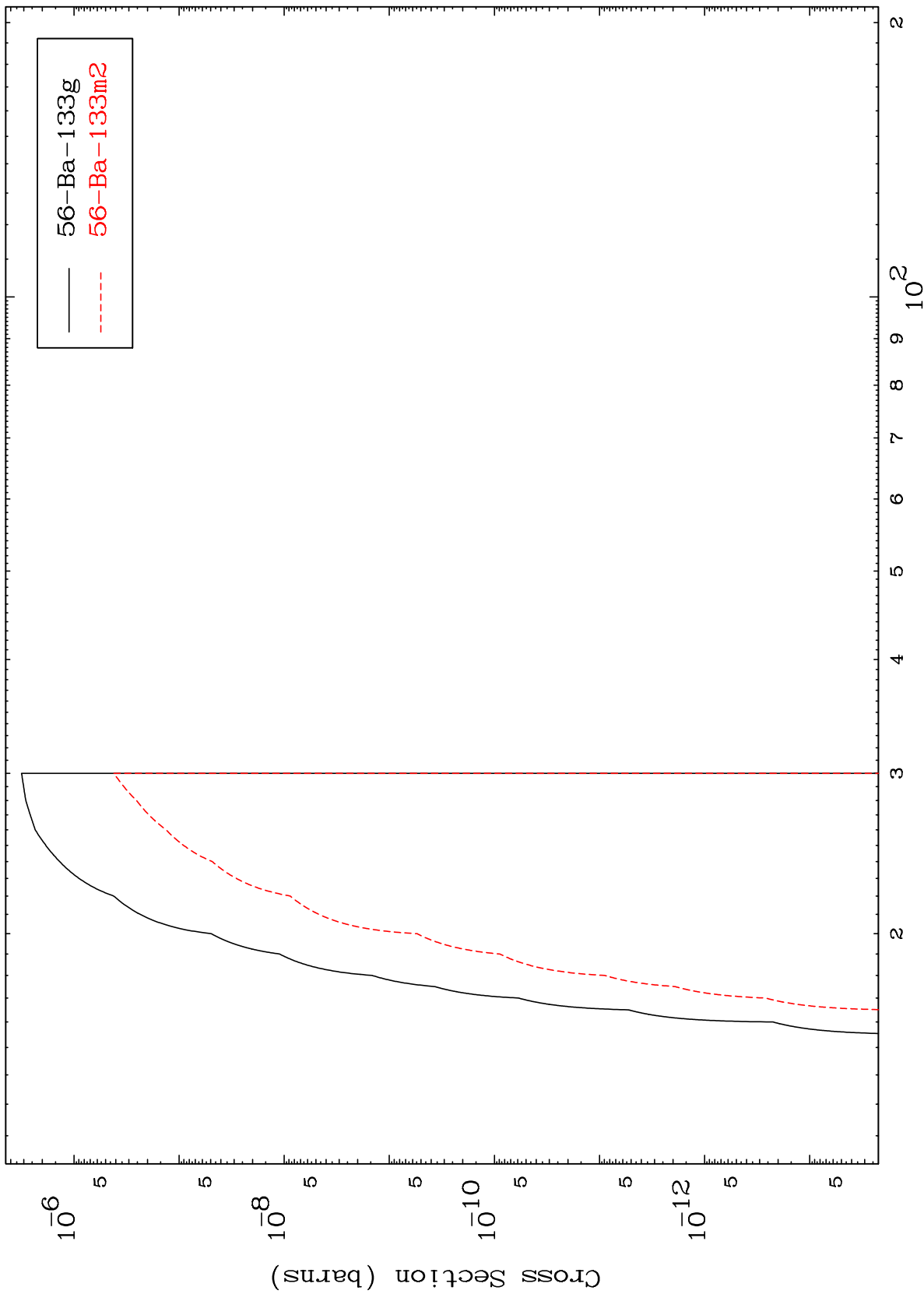
Radionuclide Production Cross Section



MAT 5822

58-Ce-135

(n,2p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

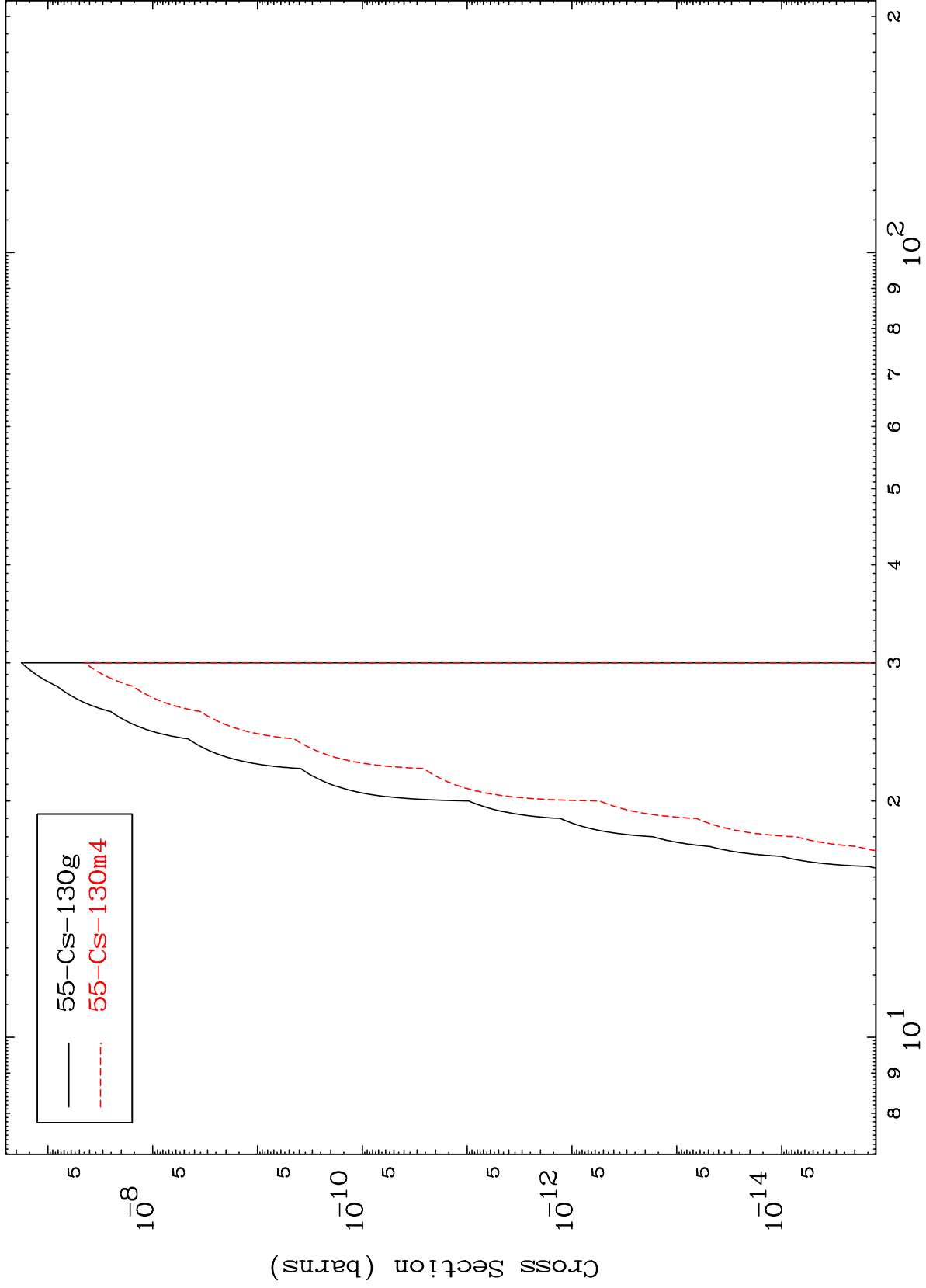
58-Ce-135

MAT 5822

(n,p) α

58-Ce-135

Radionuclide Production Cross Section



21

Incident Energy (MeV)

58-Ce-135