

Program EVALPLOT
(Version 2021-1)

by

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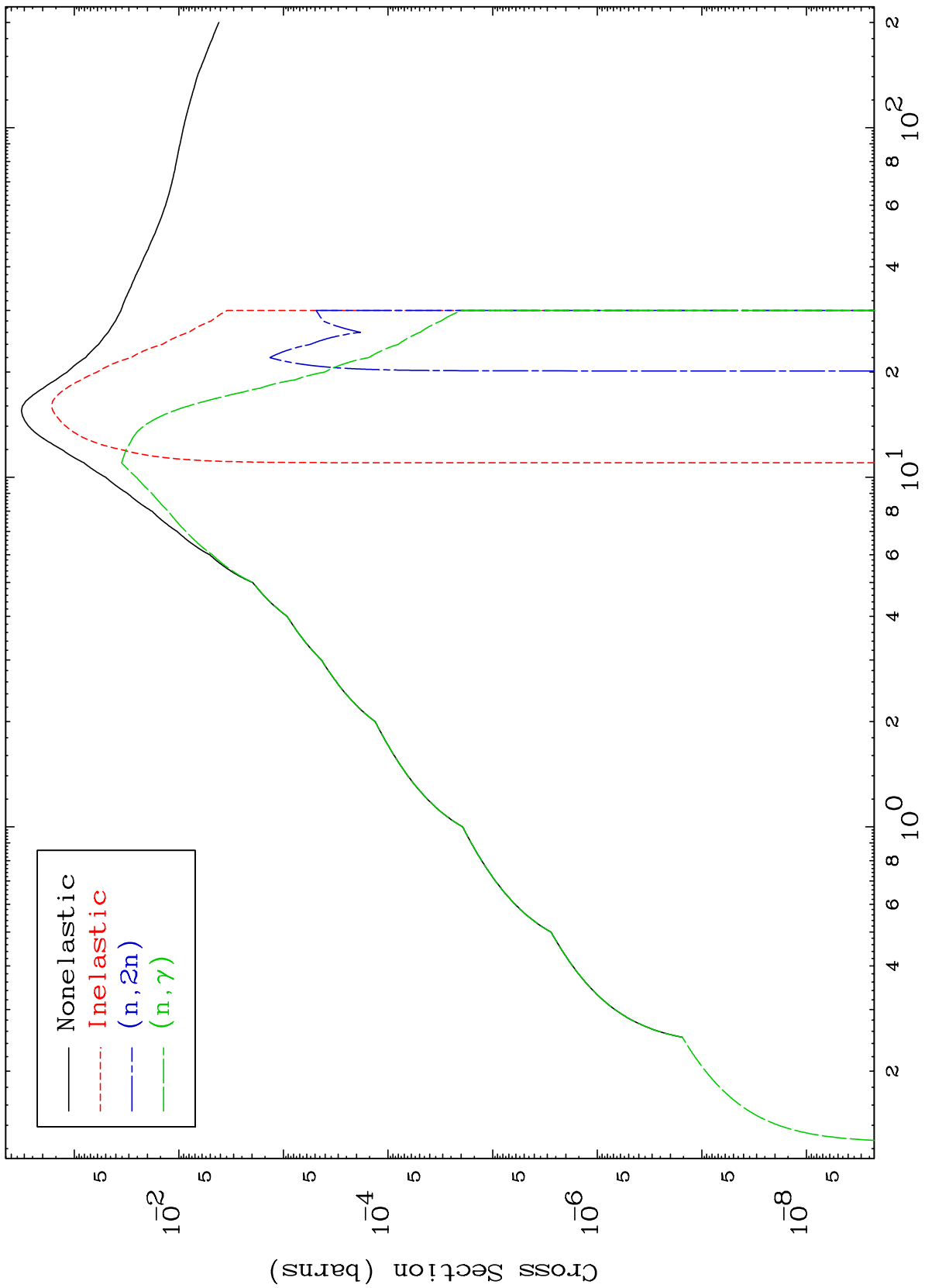
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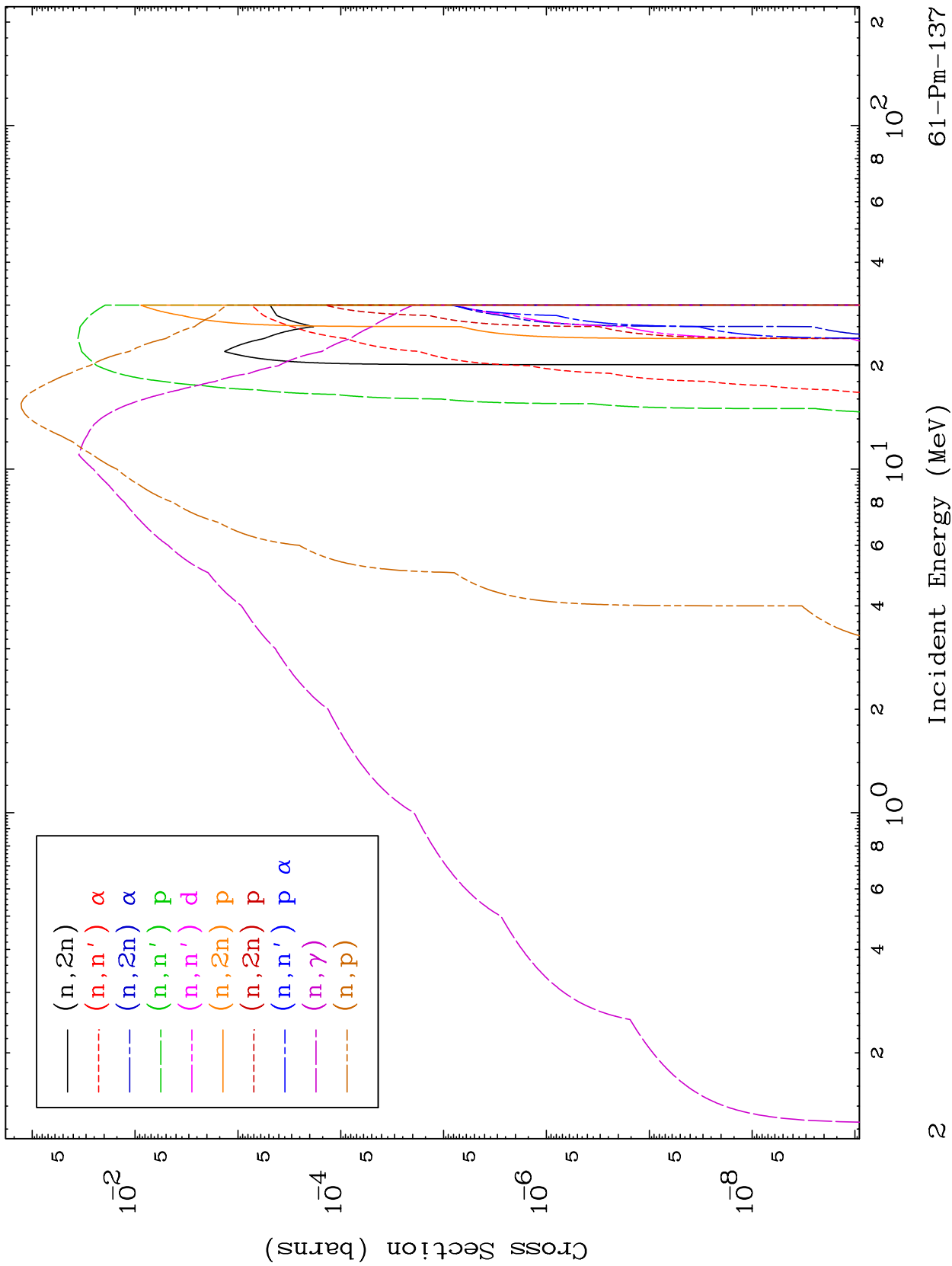
Press Mouse Button to Start

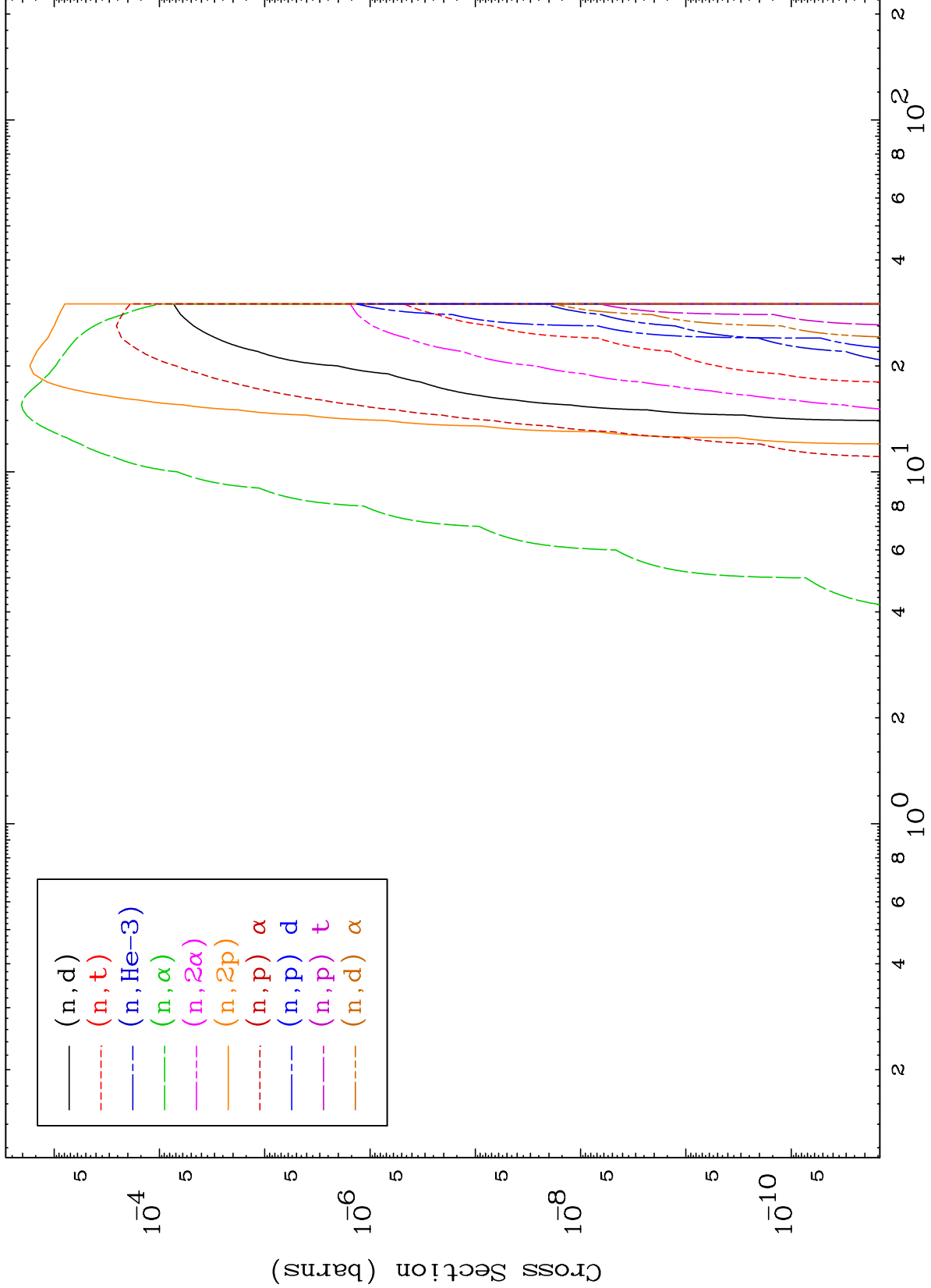
MAT 6119

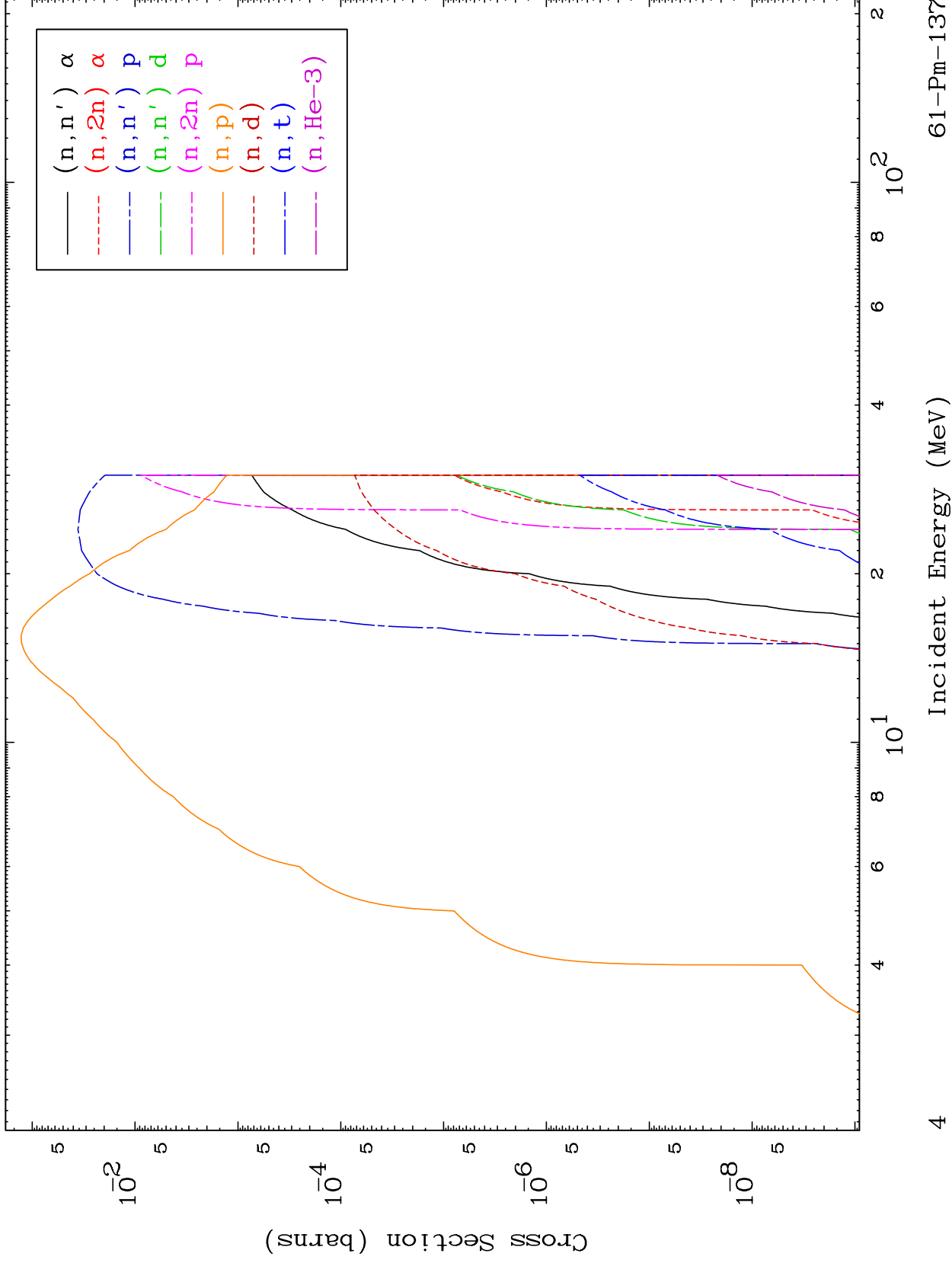
0 Kelvin Major
Photon Cross Sections

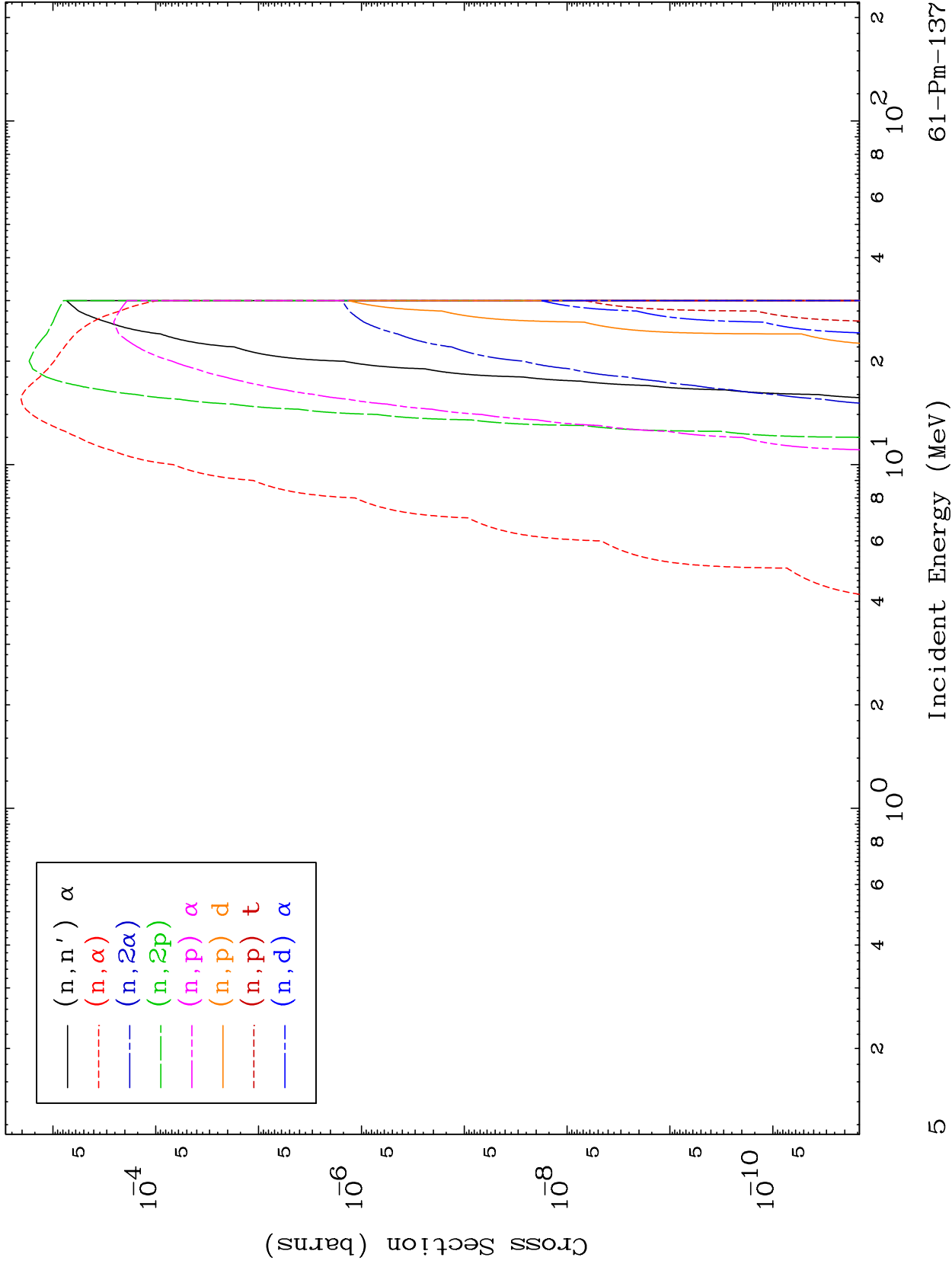
61-Pm-137









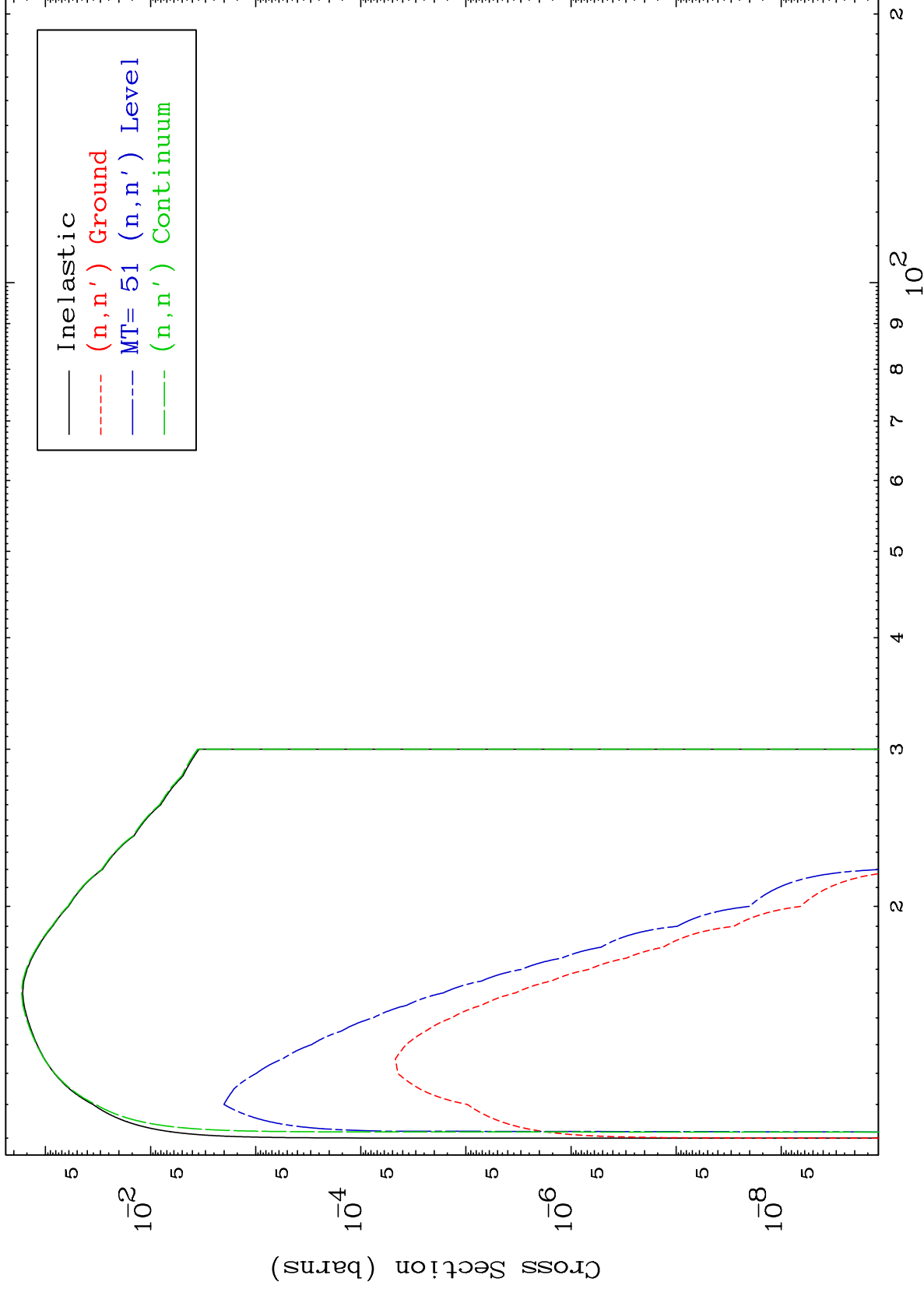


MAT 6119

(γ, n') Levels

61-Pm-137

0 Kelvin Cross Sections



6

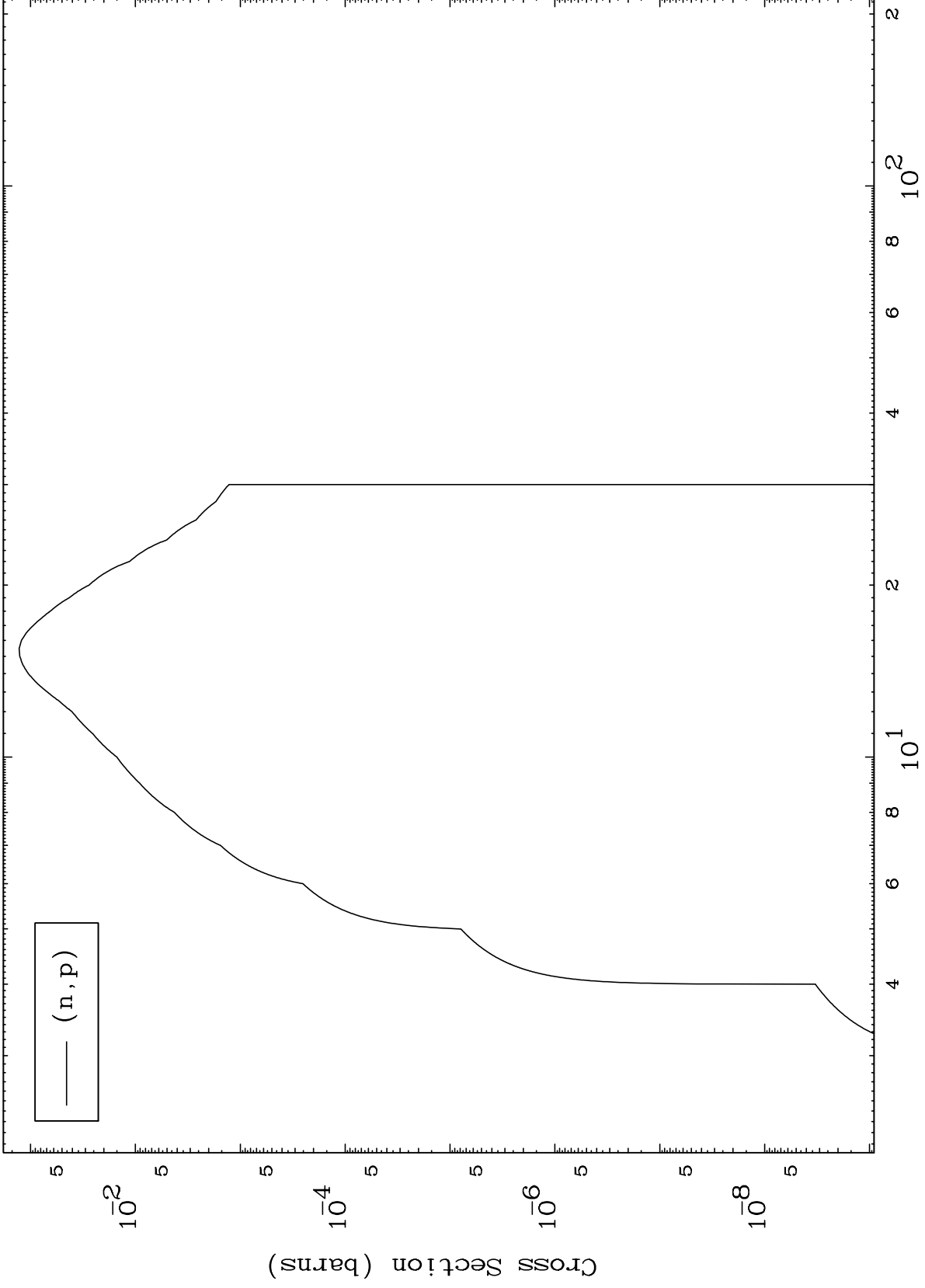
Incident Energy (MeV)

61-Pm-137

MAT 6119

61-Pm-137

(γ, p) Levels
0 Kelvin Cross Sections



7

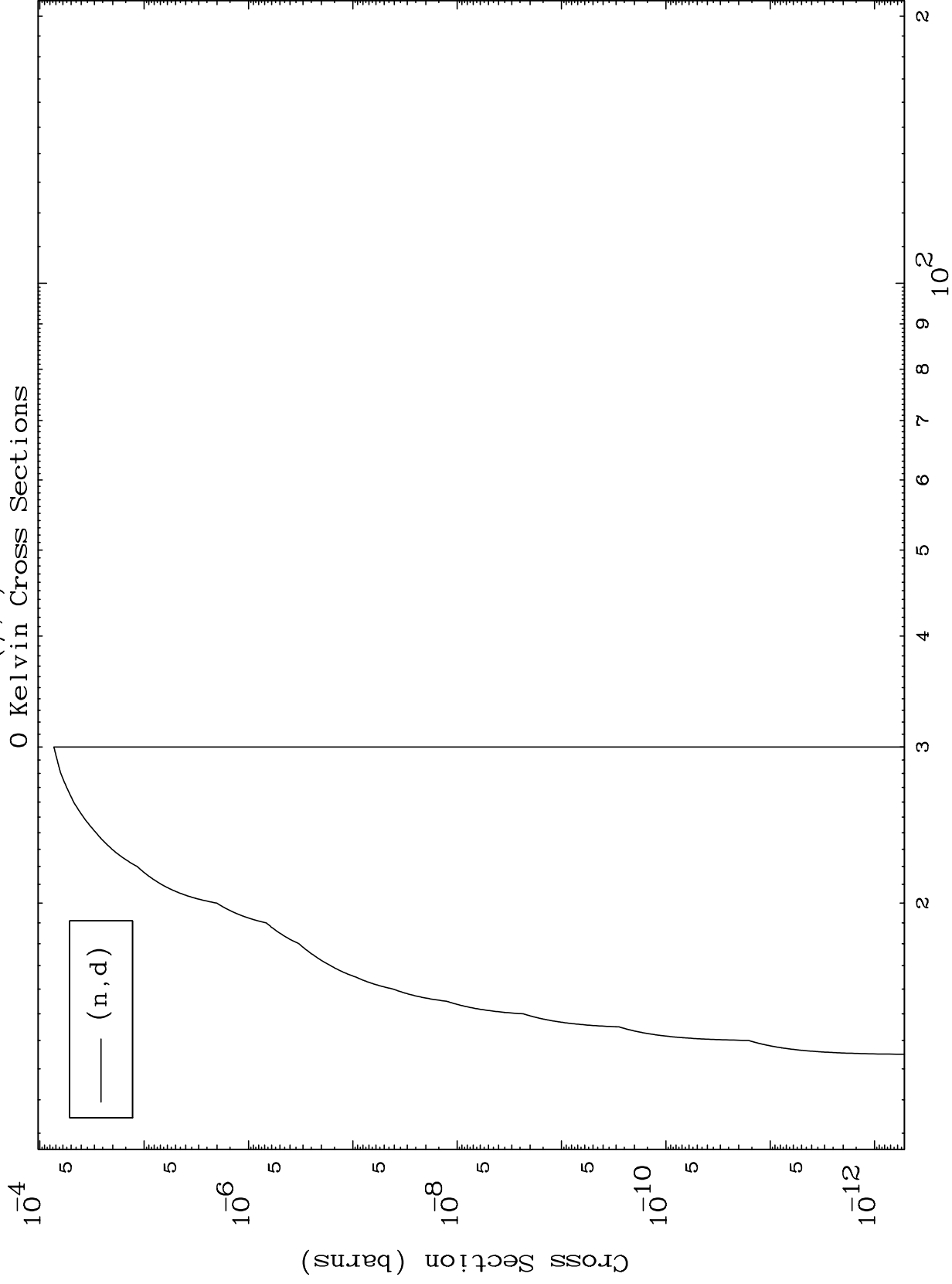
61-Pm-137

Incident Energy (MeV)

MAT 6119

(γ, d) Levels
0 Kelvin Cross Sections

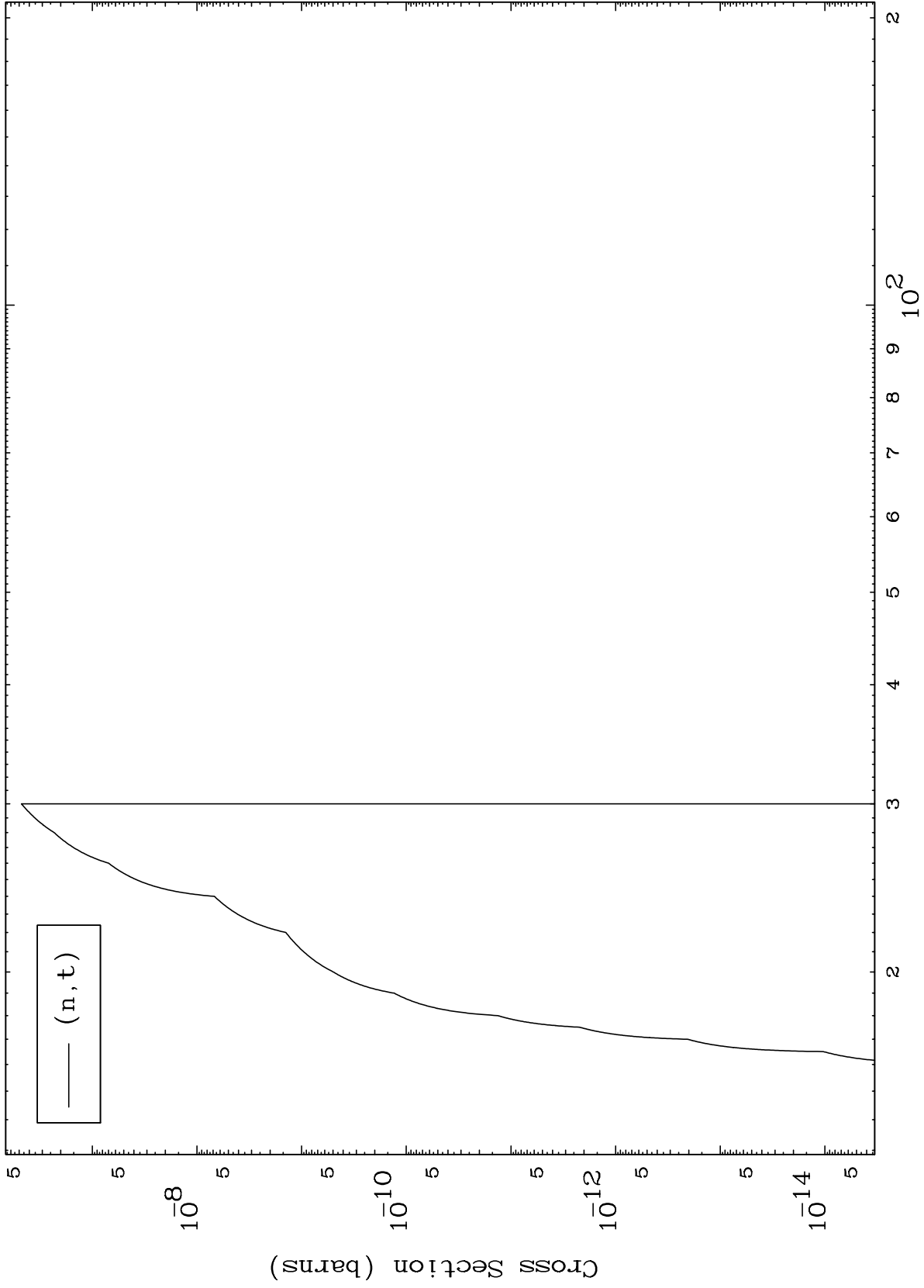
61-Pm-137



8

Incident Energy (MeV)

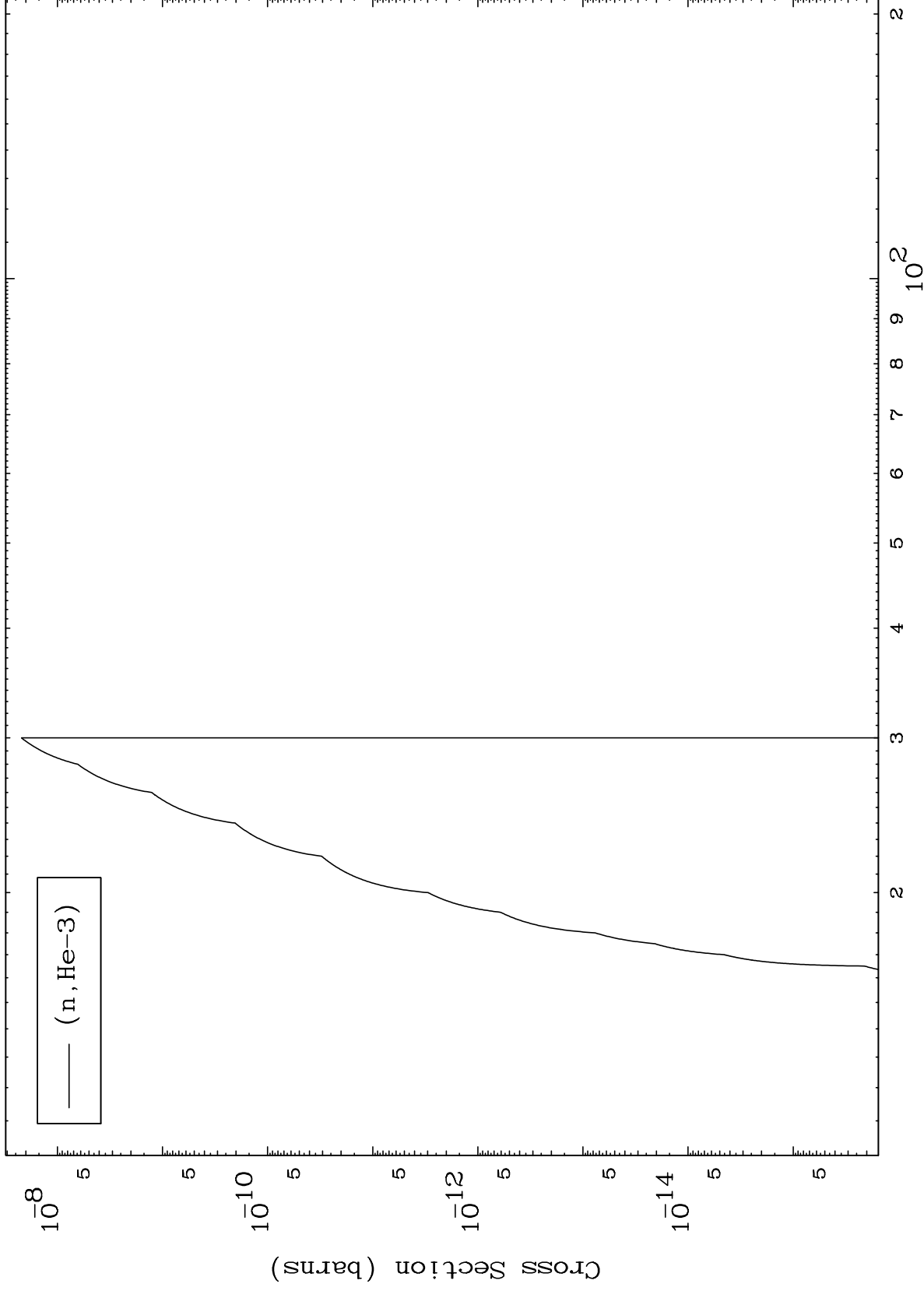
61-Pm-137



MAT 6119

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

61-Pm-137



(n, He-3)

10

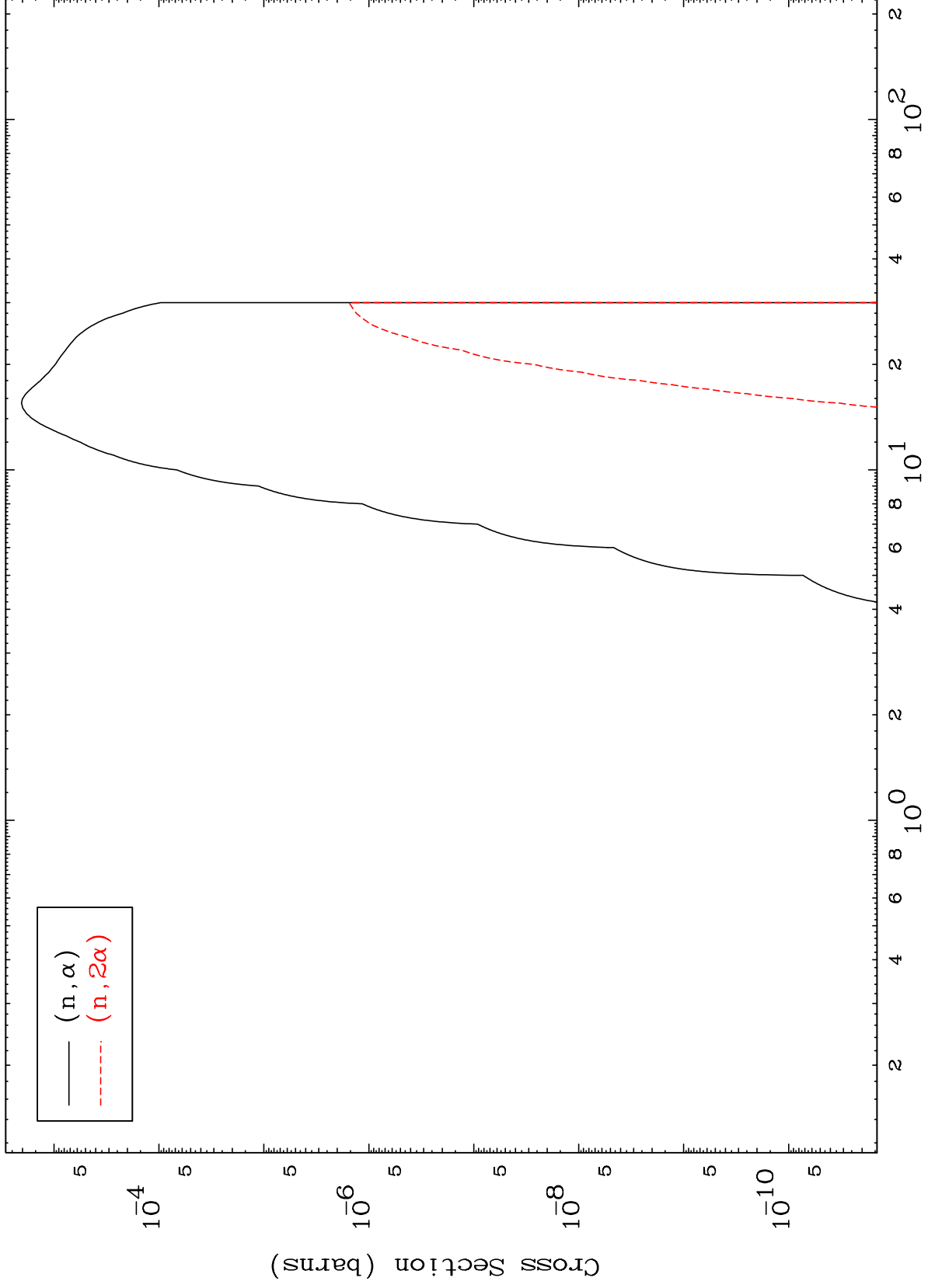
Incident Energy (MeV)

61-Pm-137

MAT 6119

(γ, α) Levels
0 Kelvin Cross Sections

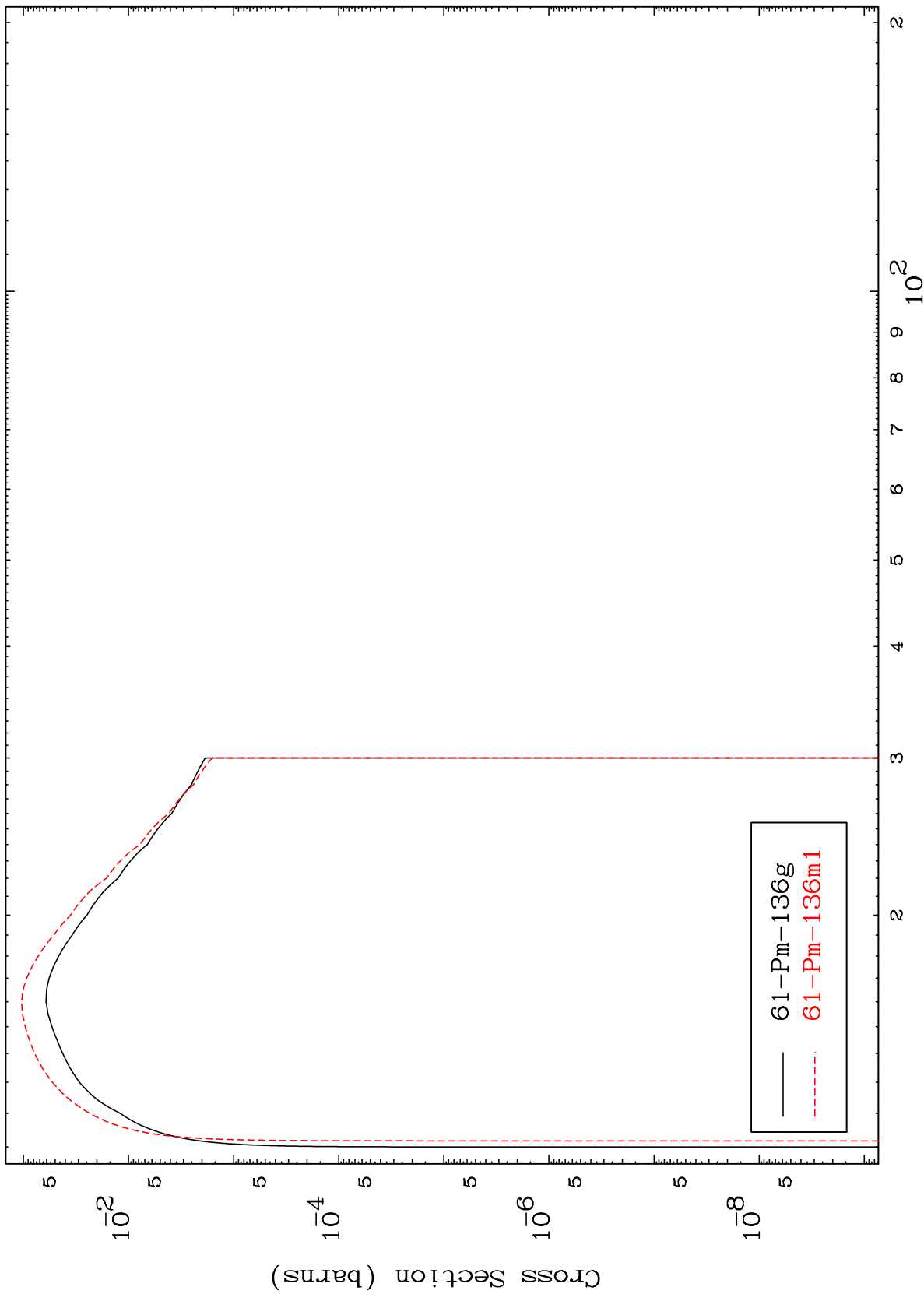
61-Pm-137



MAT 6119

61-Pm-137

Inelastic
Radionuclide Production Cross Section



12

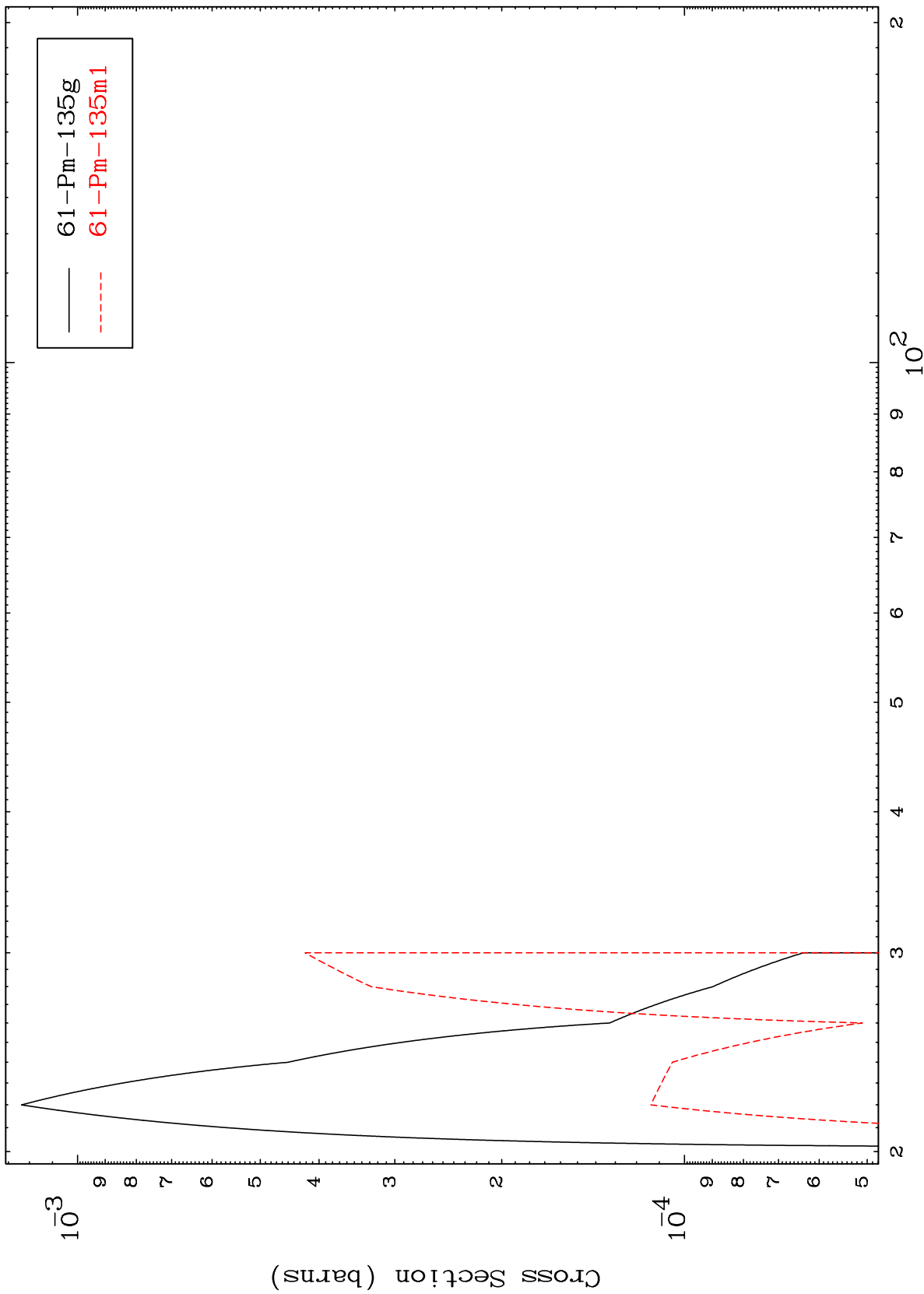
Incident Energy (MeV)

61-Pm-137

MAT 6119

61-Pm-137

(n,2n)
Radionuclide Production Cross Section



61-Pm-137

Incident Energy (MeV)

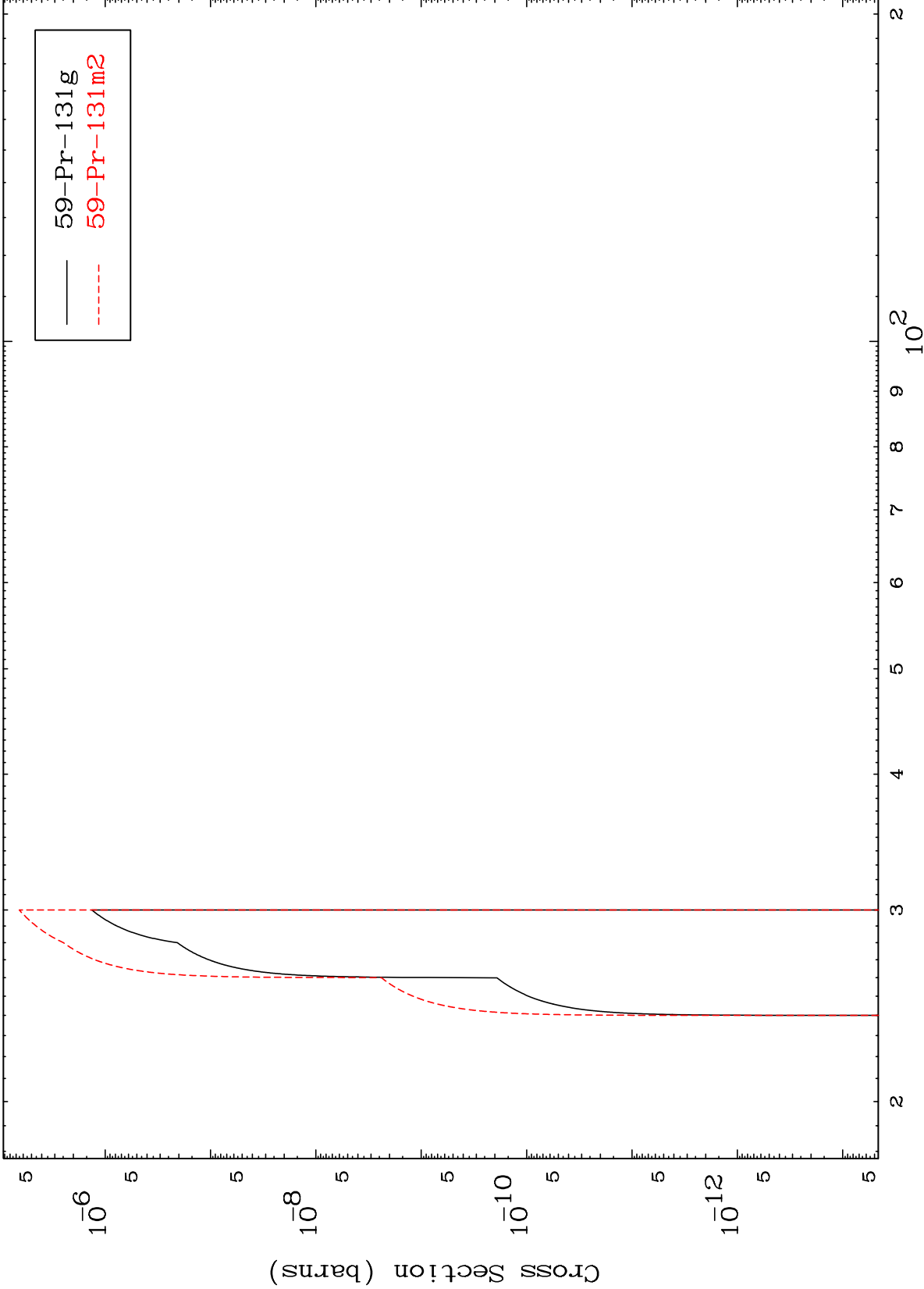
13

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$(n,2n) \alpha$

61-Pm-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

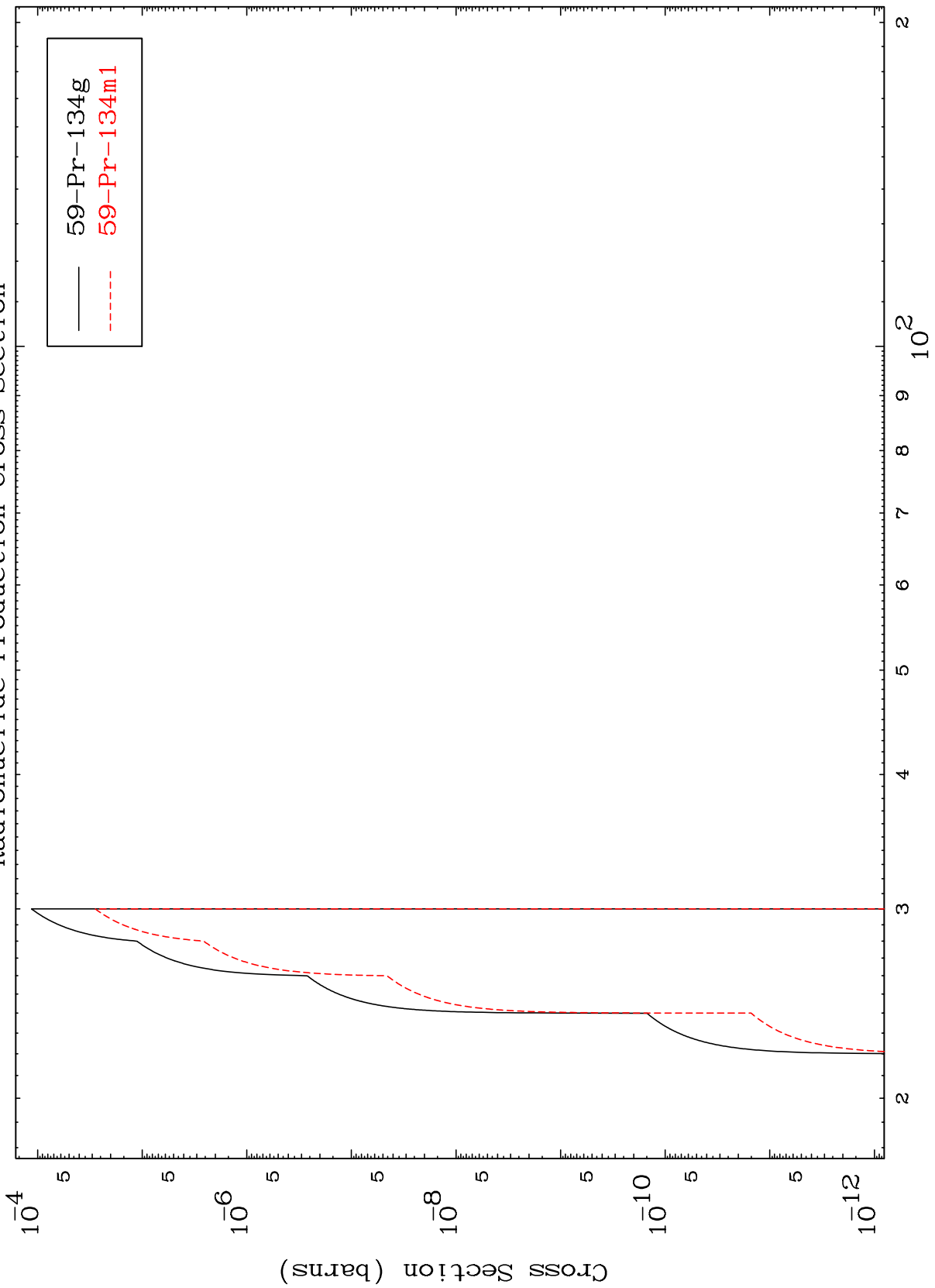
61-Pm-137

MAT 6119

(n,2n) p

61-Pm-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

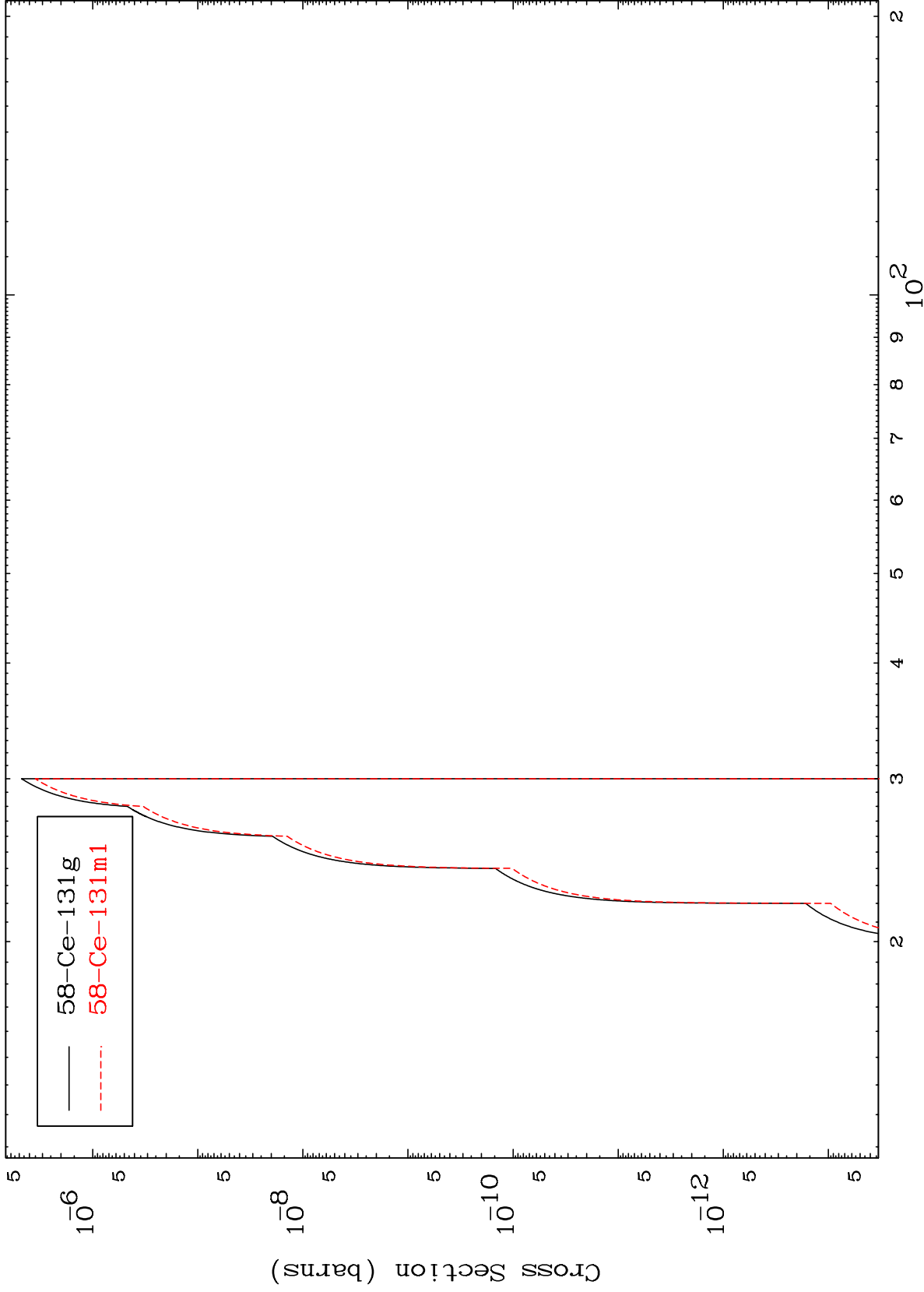
61-Pm-137

MAT 6119

(n,n') p α

61-Pm-137

Radionuclide Production Cross Section



16

Incident Energy (MeV)

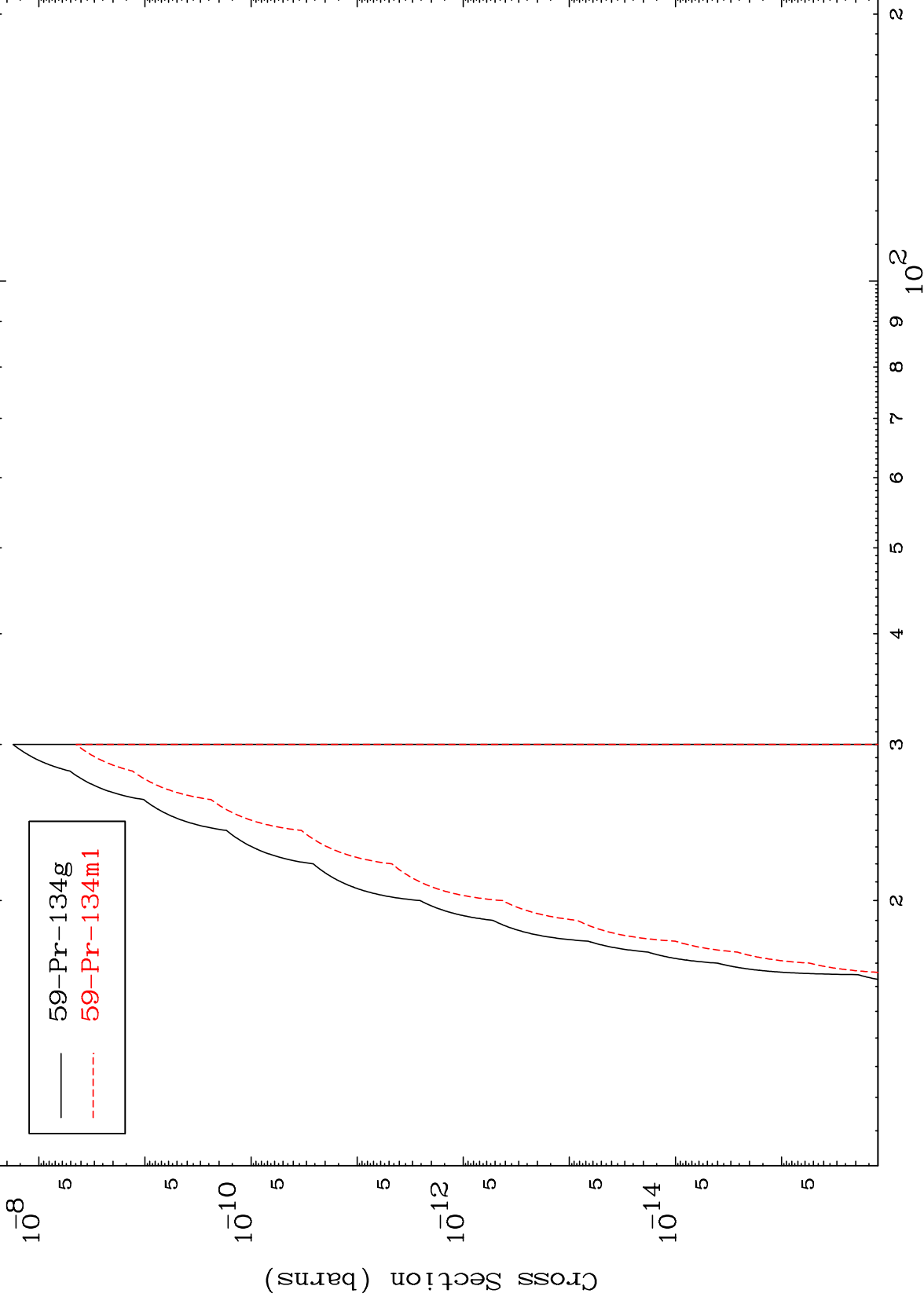
61-Pm-137

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(n,He-3)

61-Pm-137

Radionuclide Production Cross Section



17

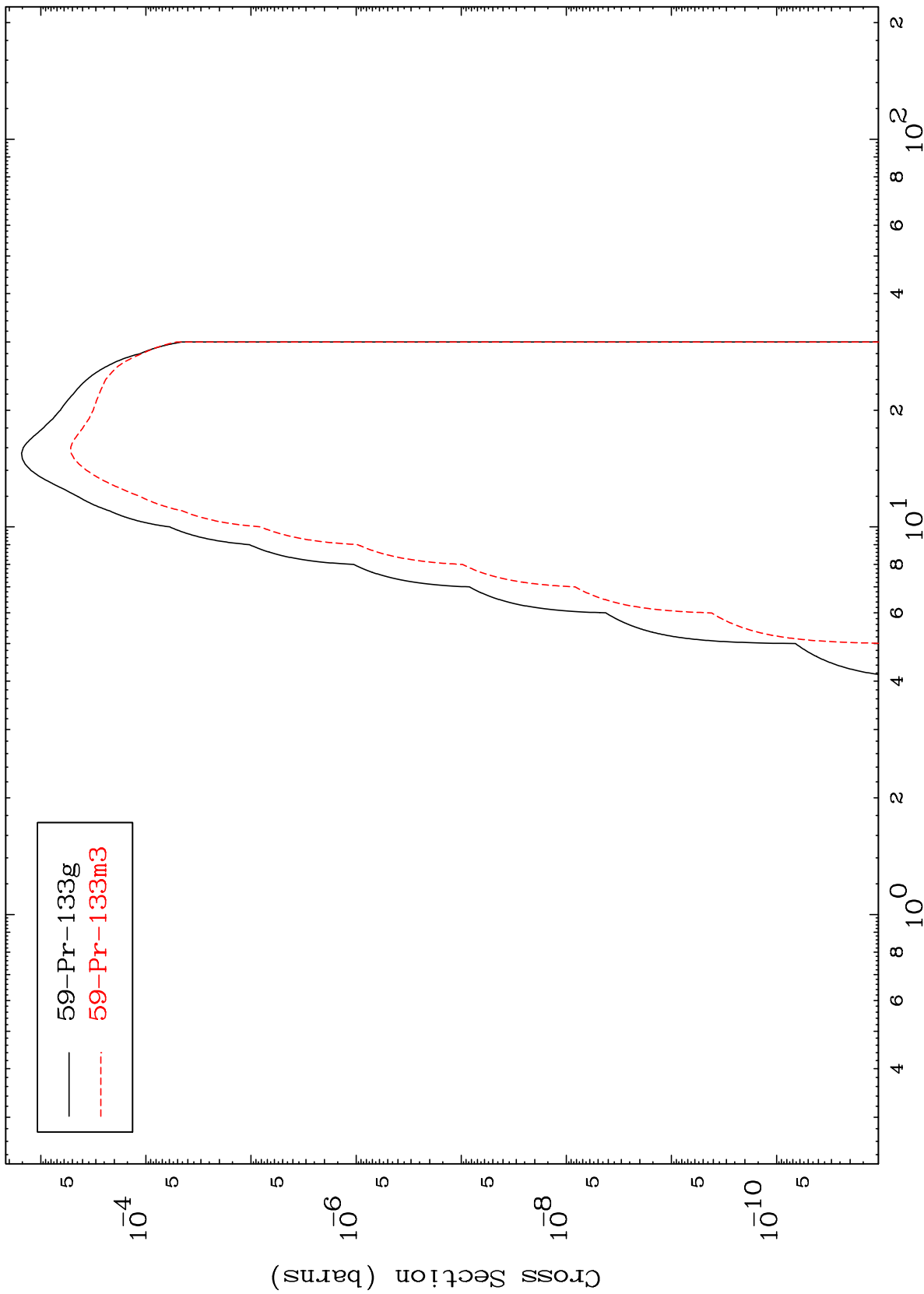
Incident Energy (MeV)

61-Pm-137

MAT 6119

61-Pm-137

(n, α)
Radionuclide Production Cross Section



61-Pm-137

Incident Energy (MeV)

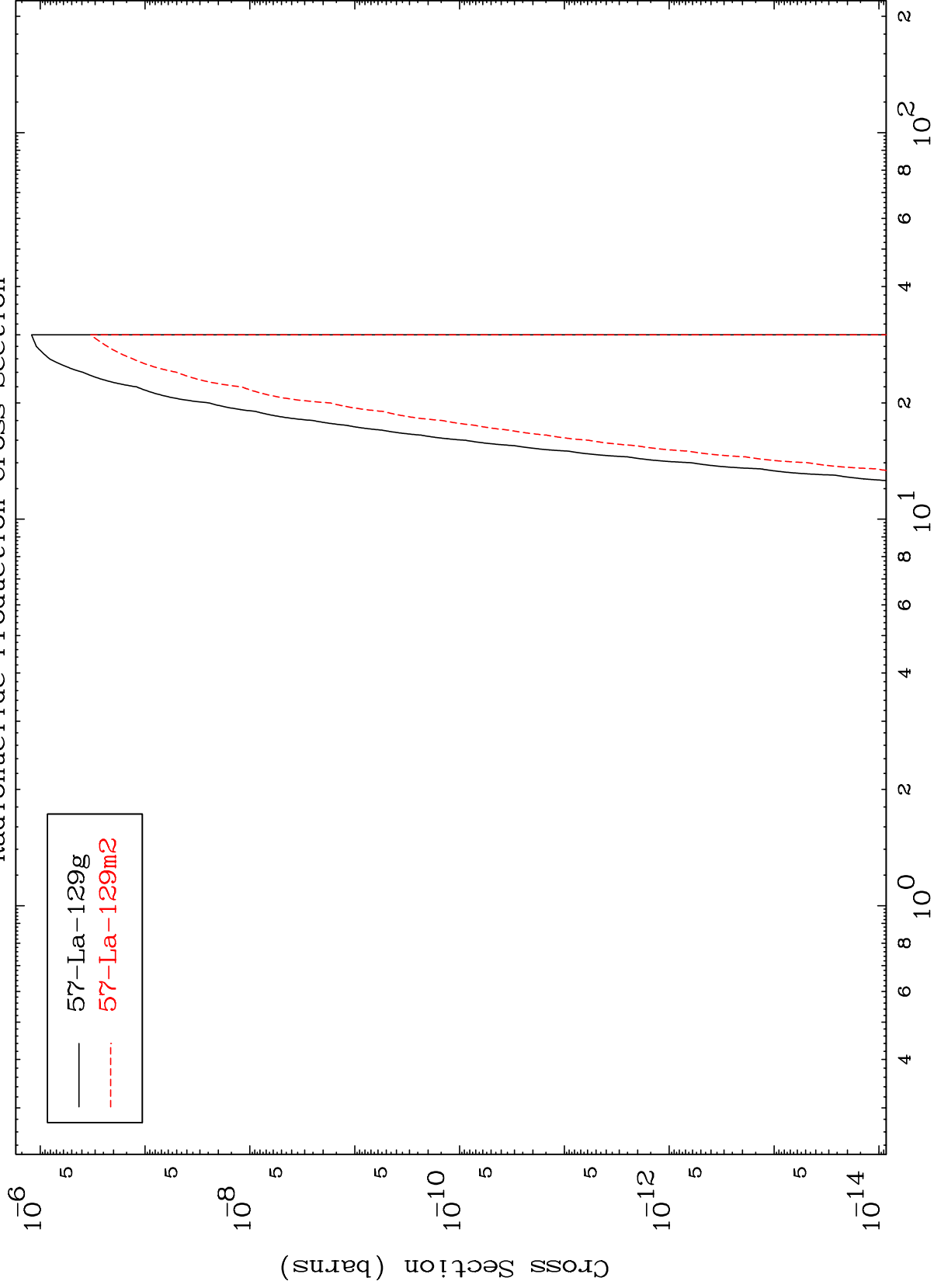
18

MAT 6119

(n,2α)

61-Pm-137

Radionuclide Production Cross Section



19

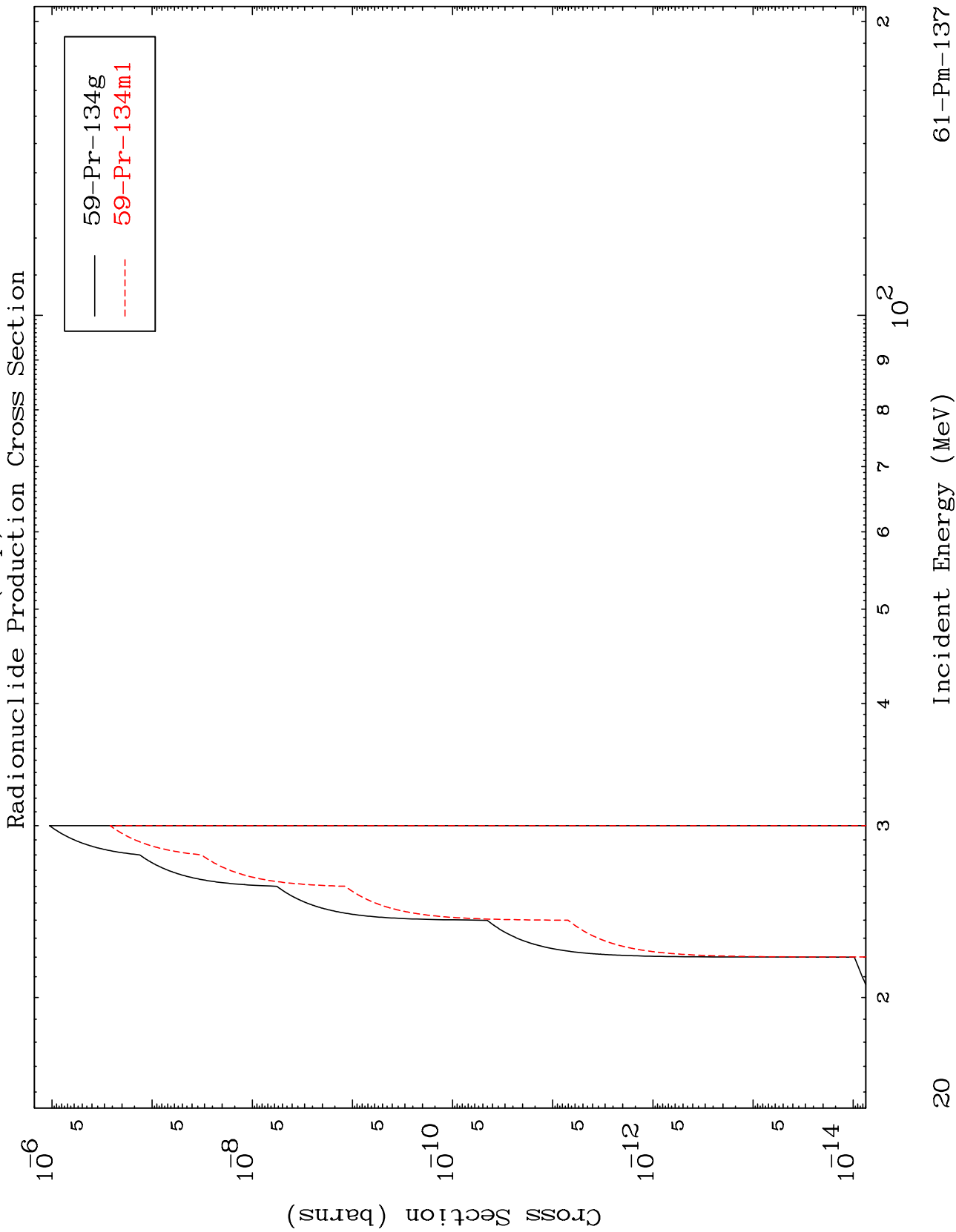
Incident Energy (MeV)

61-Pm-137

MAT 6119

(n,p) d

61-Pm-137



20

Incident Energy (MeV)

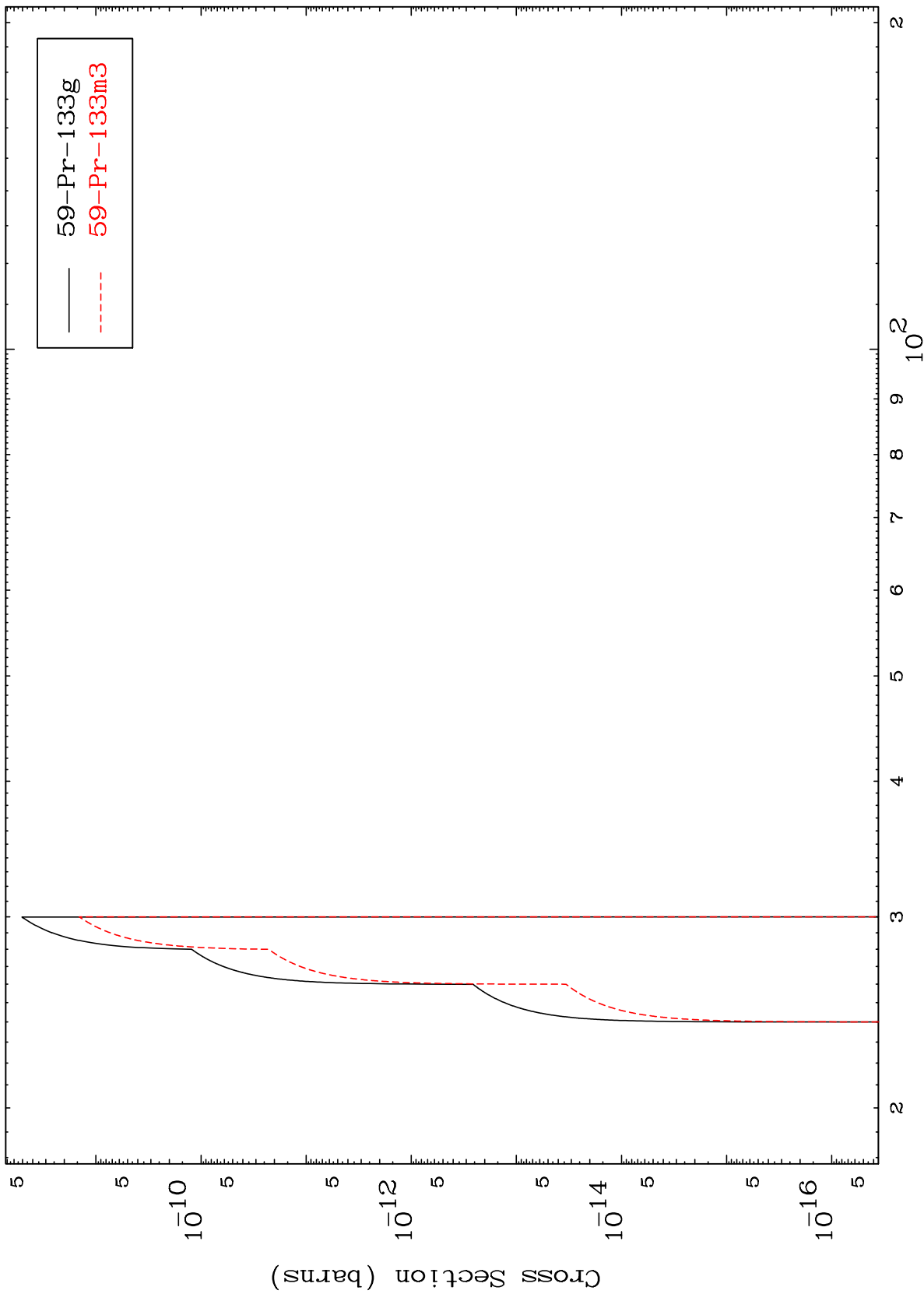
61-Pm-137

MAT 6119

(n,p) t

61-Pm-137

Radionuclide Production Cross Section



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

21

Incident Energy (MeV)

61-Pm-137

MAT 6119

(n,d) α

61-Pm-137

