

Program EVALPLOT
(Version 2021-1)

by

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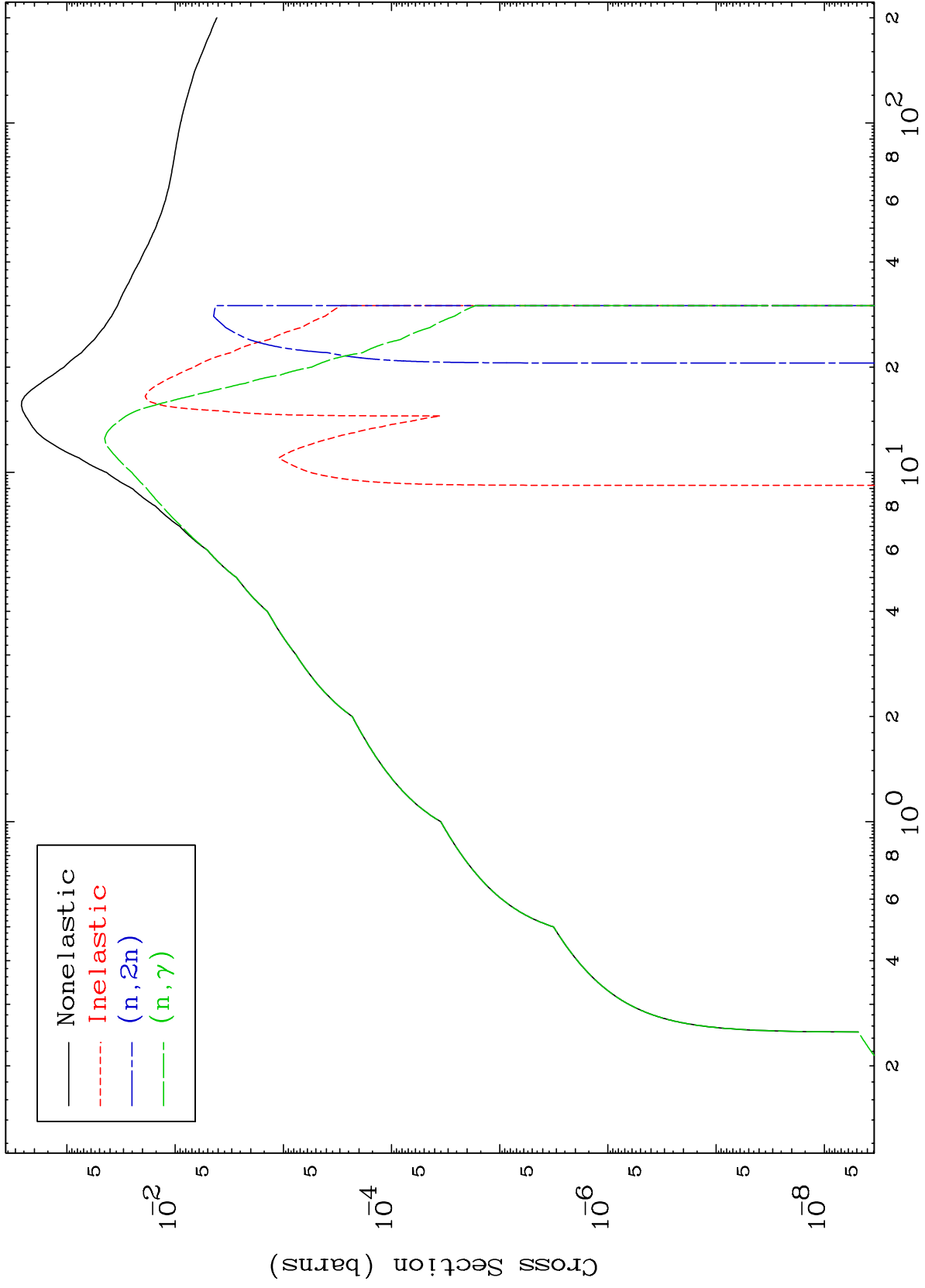
Press Mouse Button to Start

MAT 61116

Photon Major

61-Pm-136

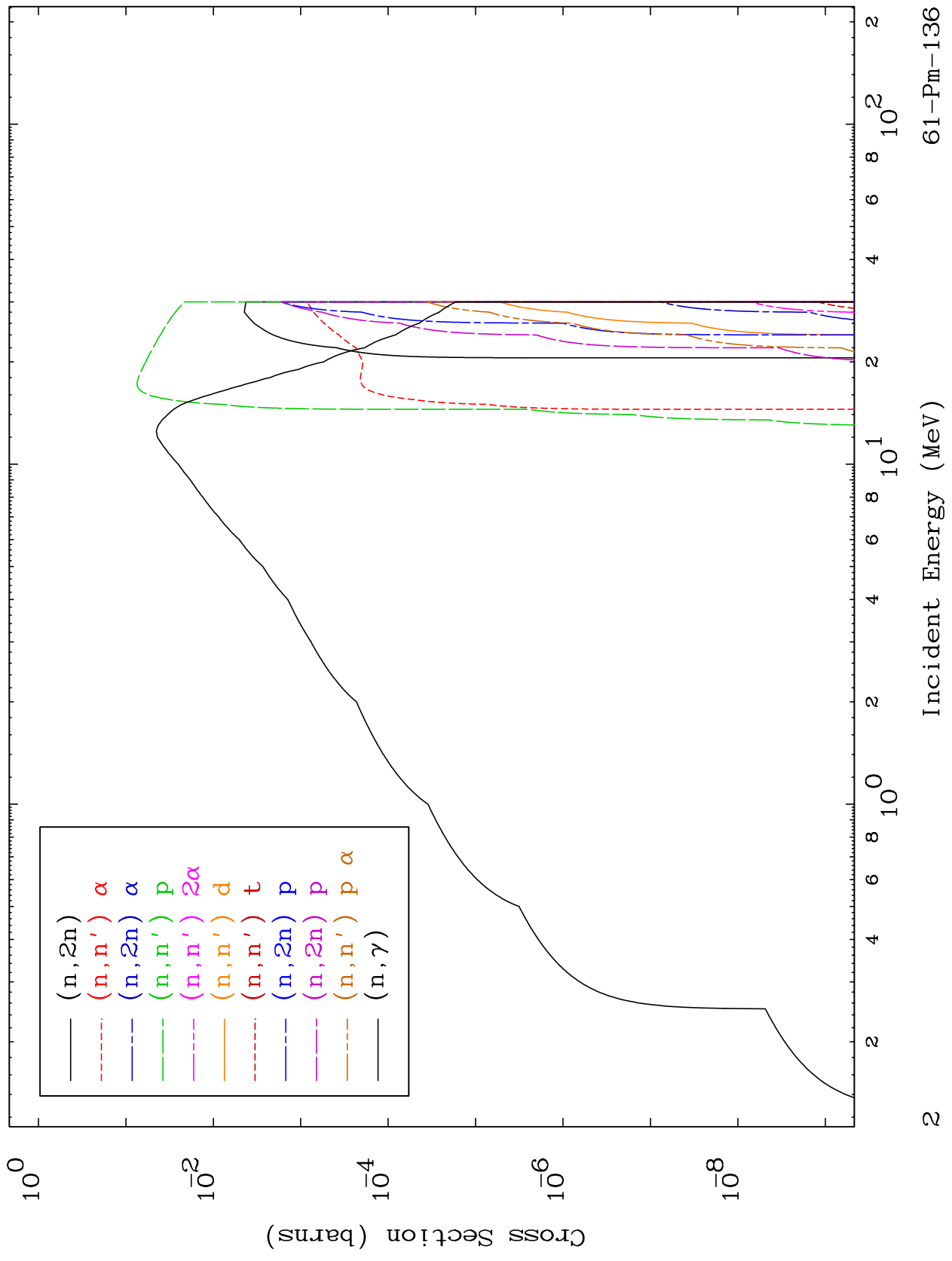
0 Kelvin Cross Sections

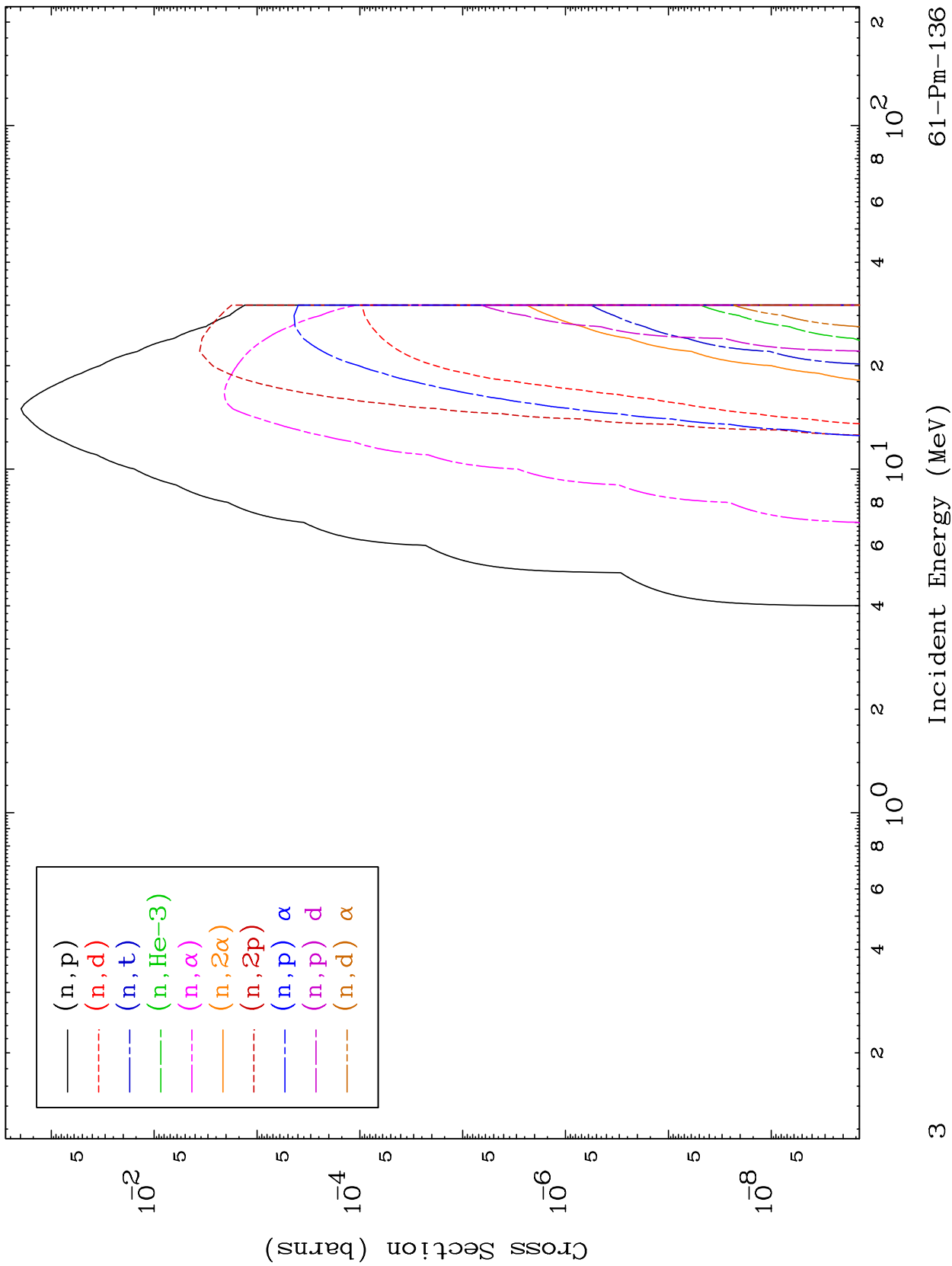


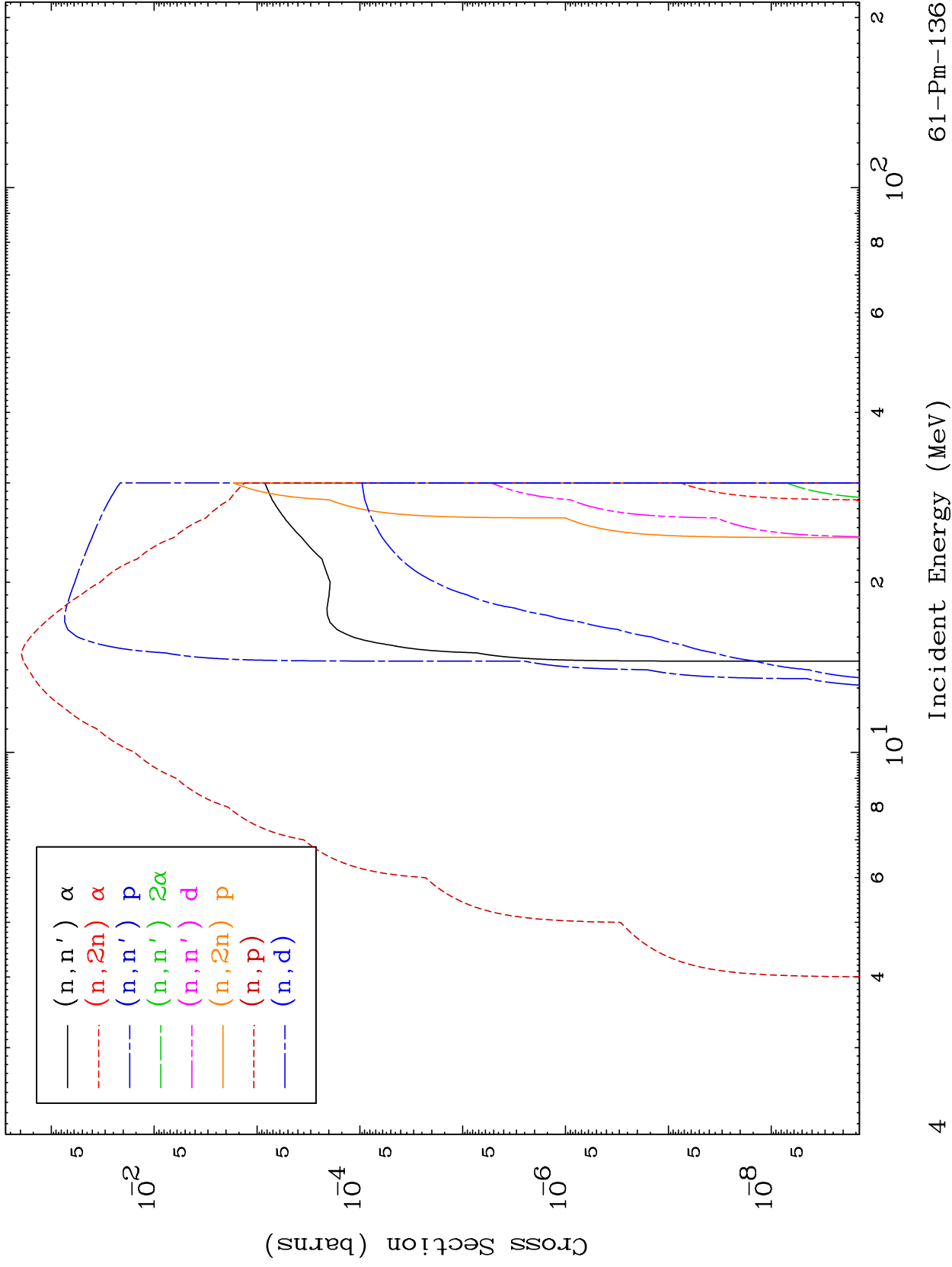
MAT 61116

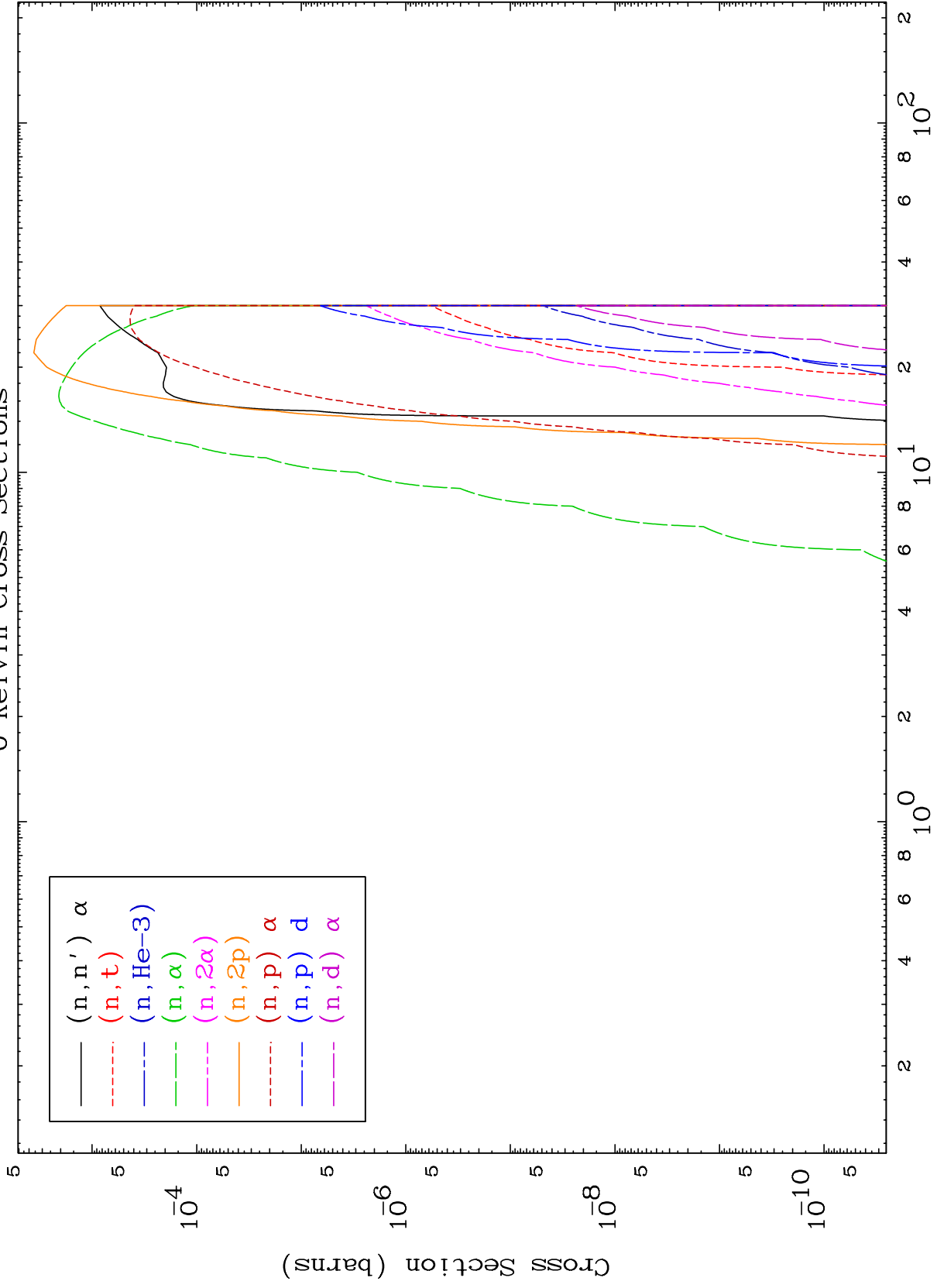
Photon Neutron Absorption
0 Kelvin Cross Sections

61-Pm-136





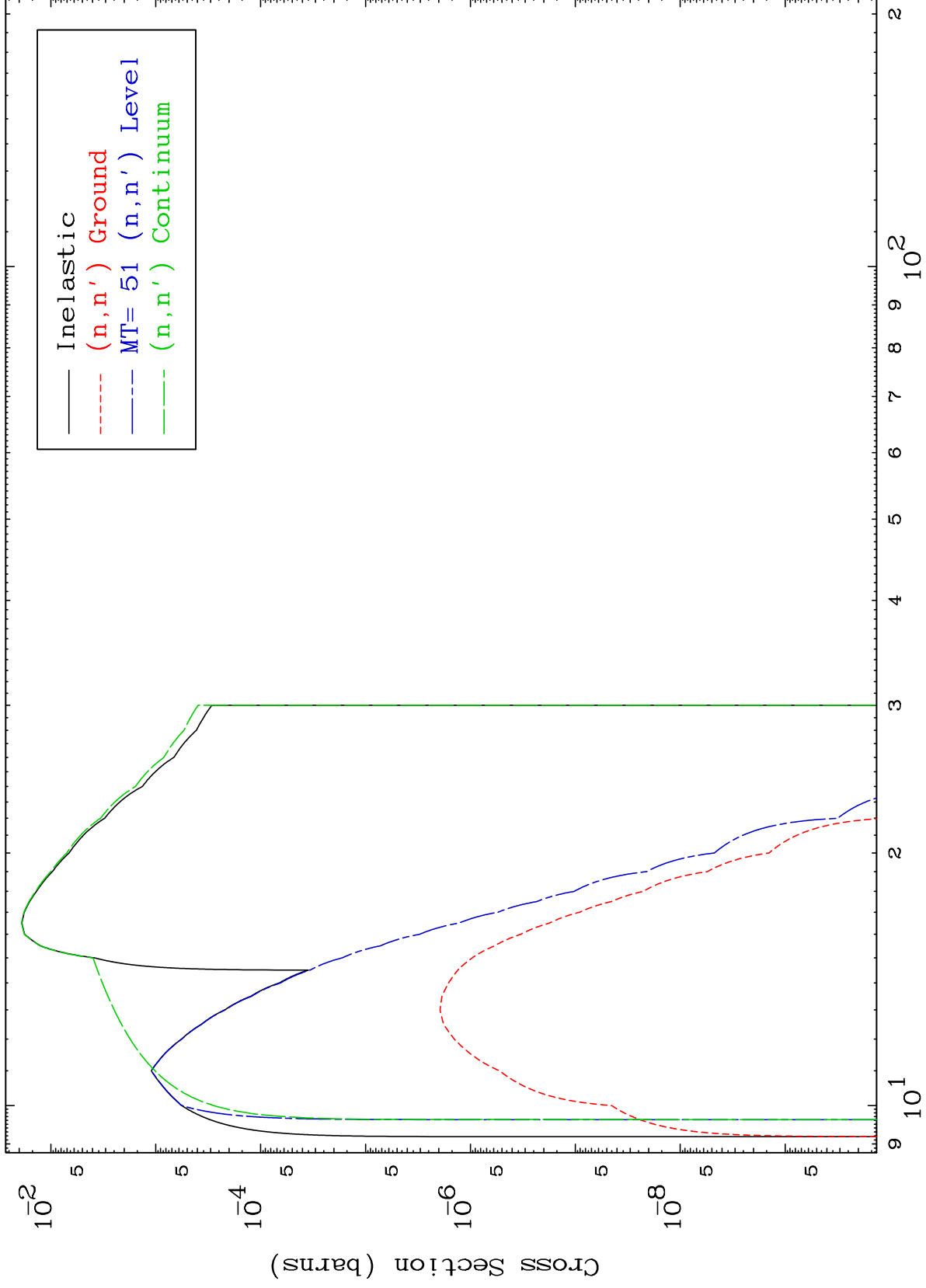




MAT 6116

61-Pm-136

(γ, n') Levels
0 Kelvin Cross Sections



61-Pm-136

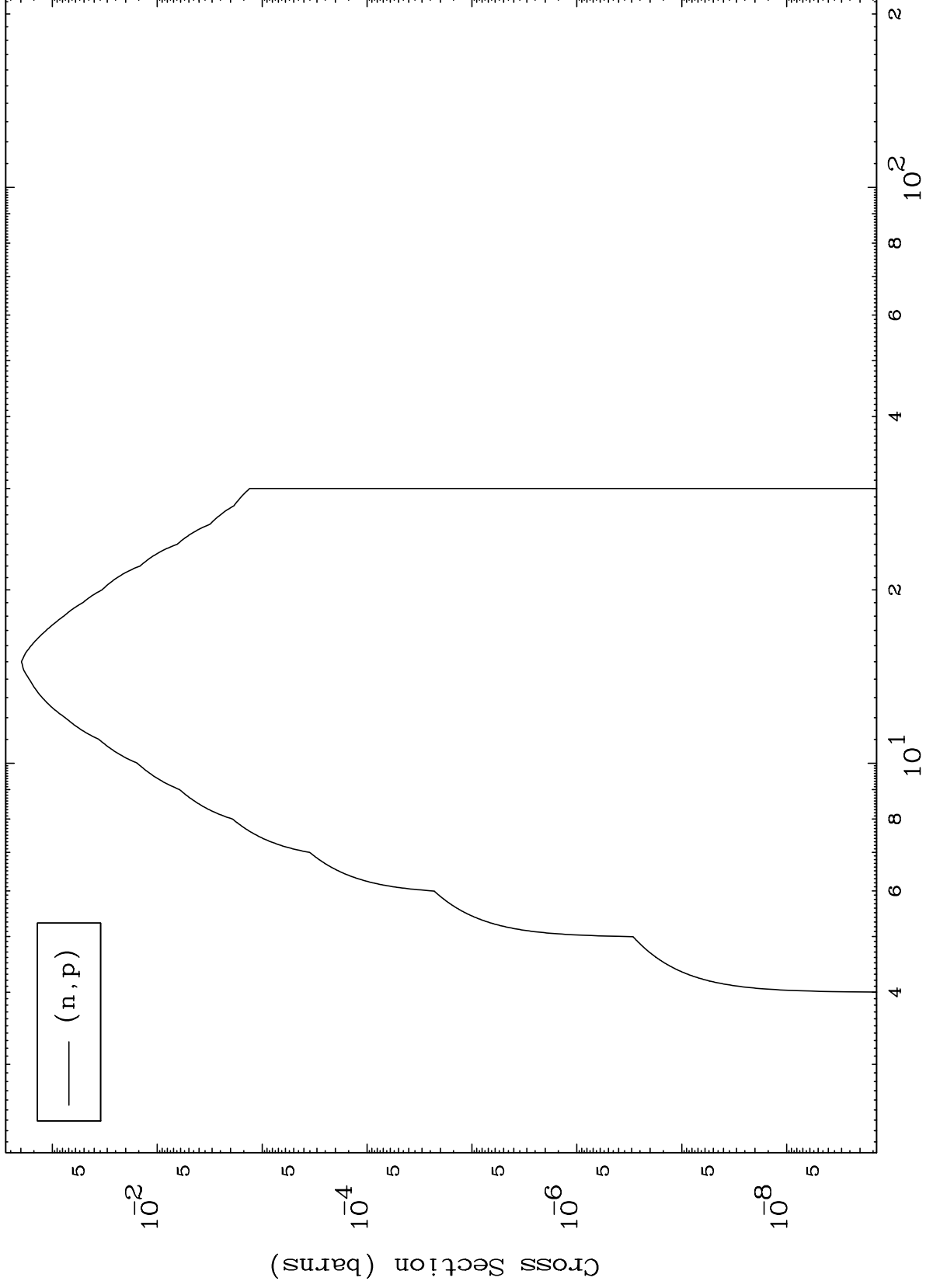
Incident Energy (MeV)

6

MAT 61116

(γ, p) Levels
0 Kelvin Cross Sections

61-Pm-136



7

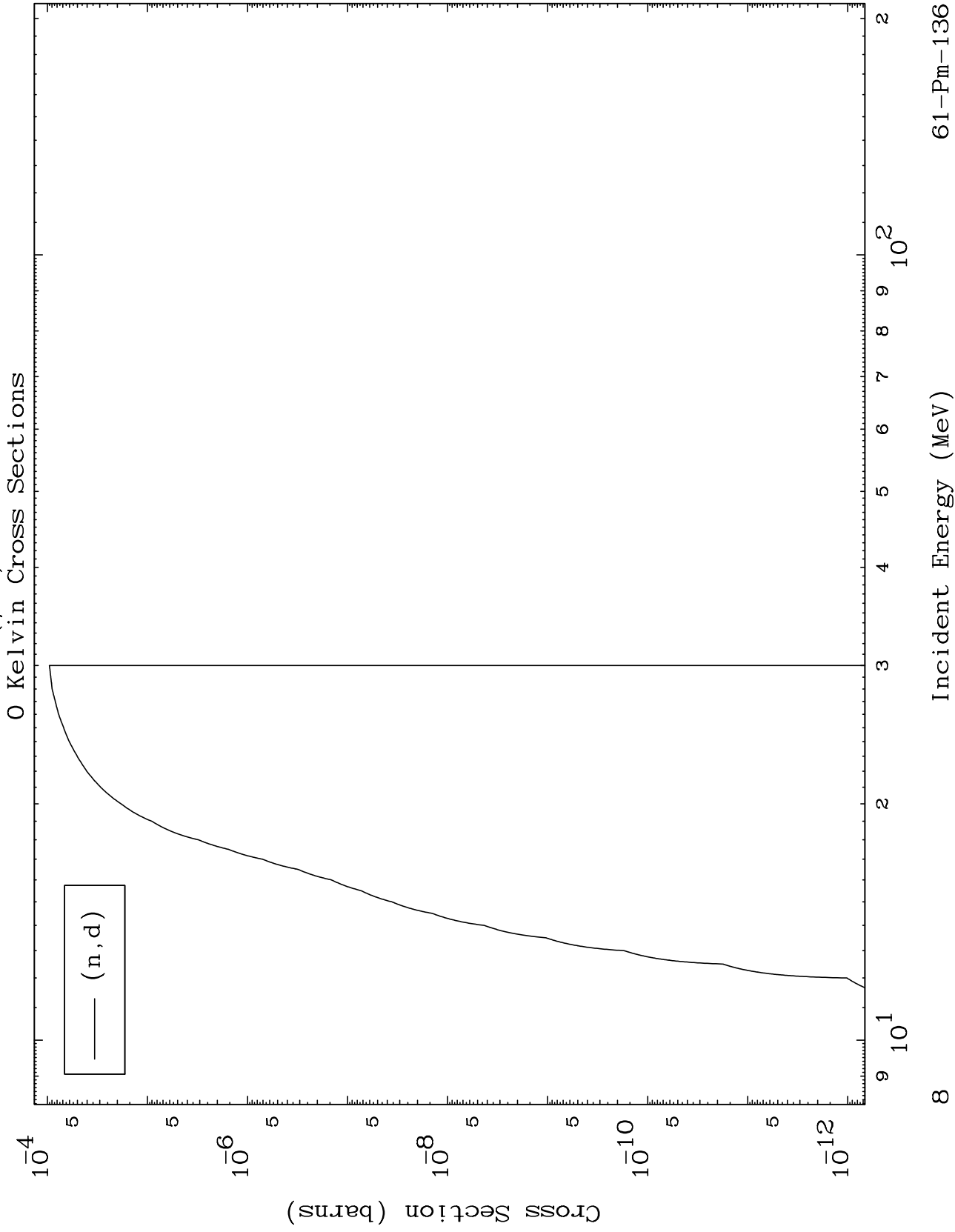
Incident Energy (MeV)

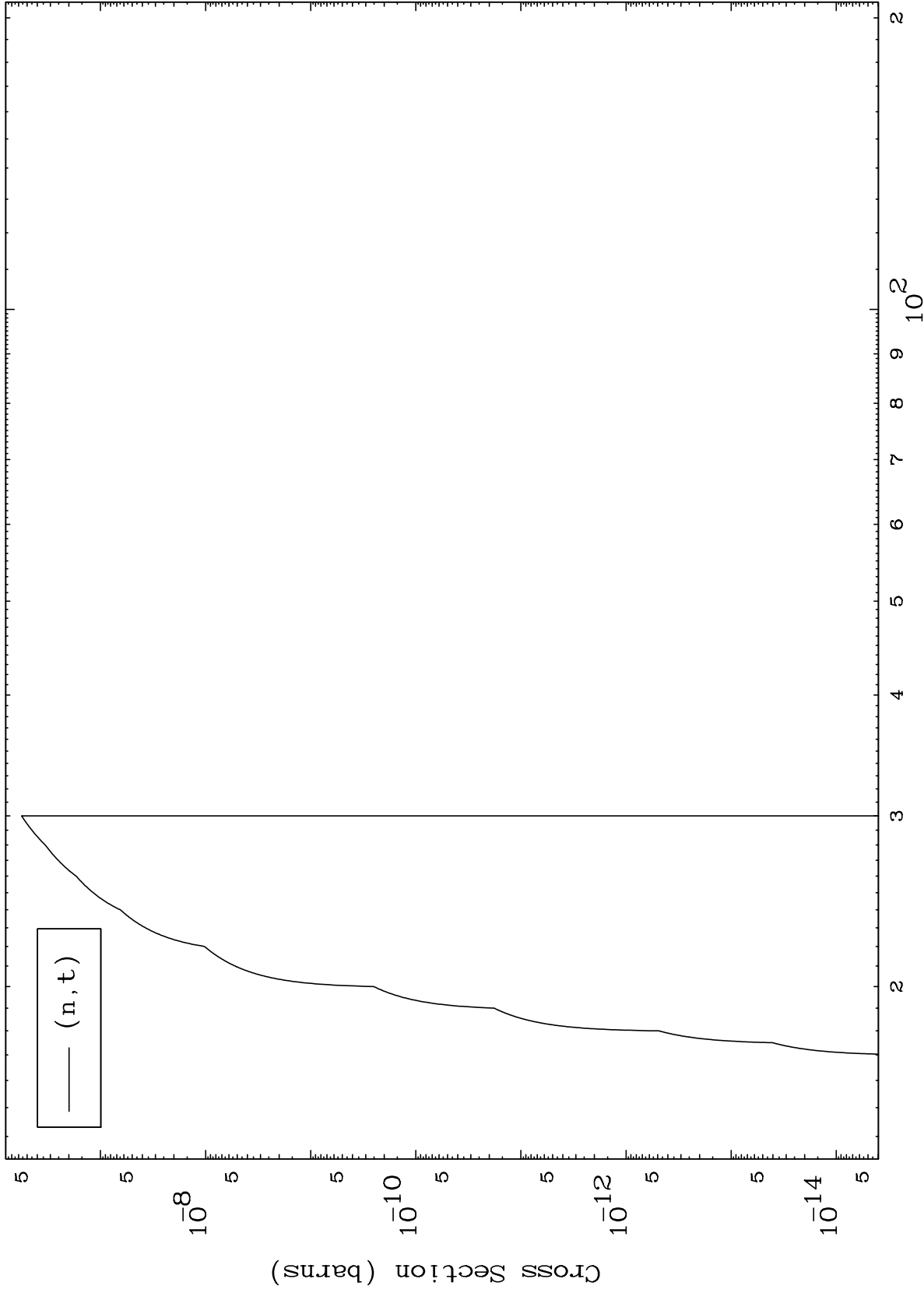
61-Pm-136

MAT 61116

(γ, d) Levels

61-Pm-136

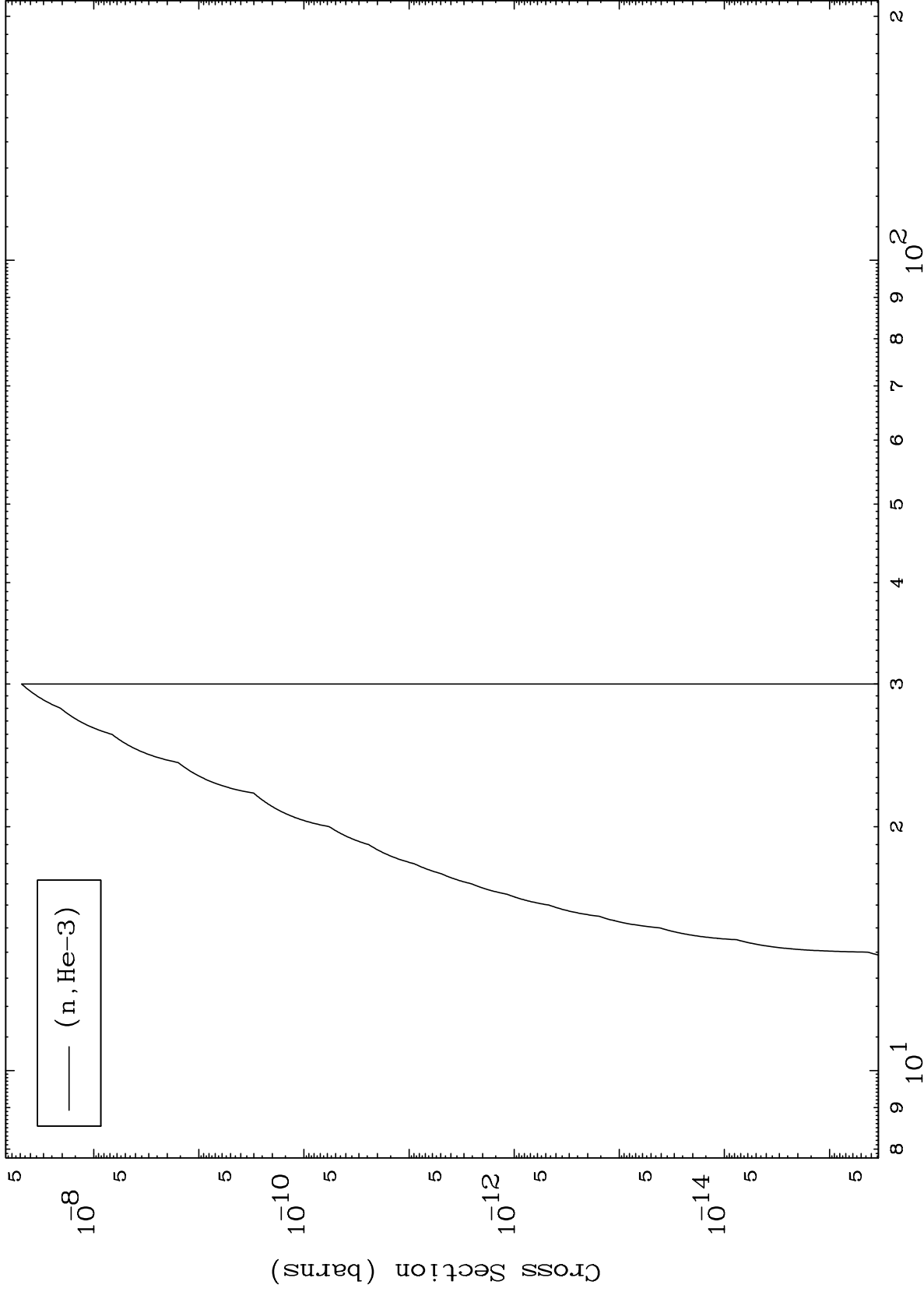




MAT 61116

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

61-Pm-136



61-Pm-136

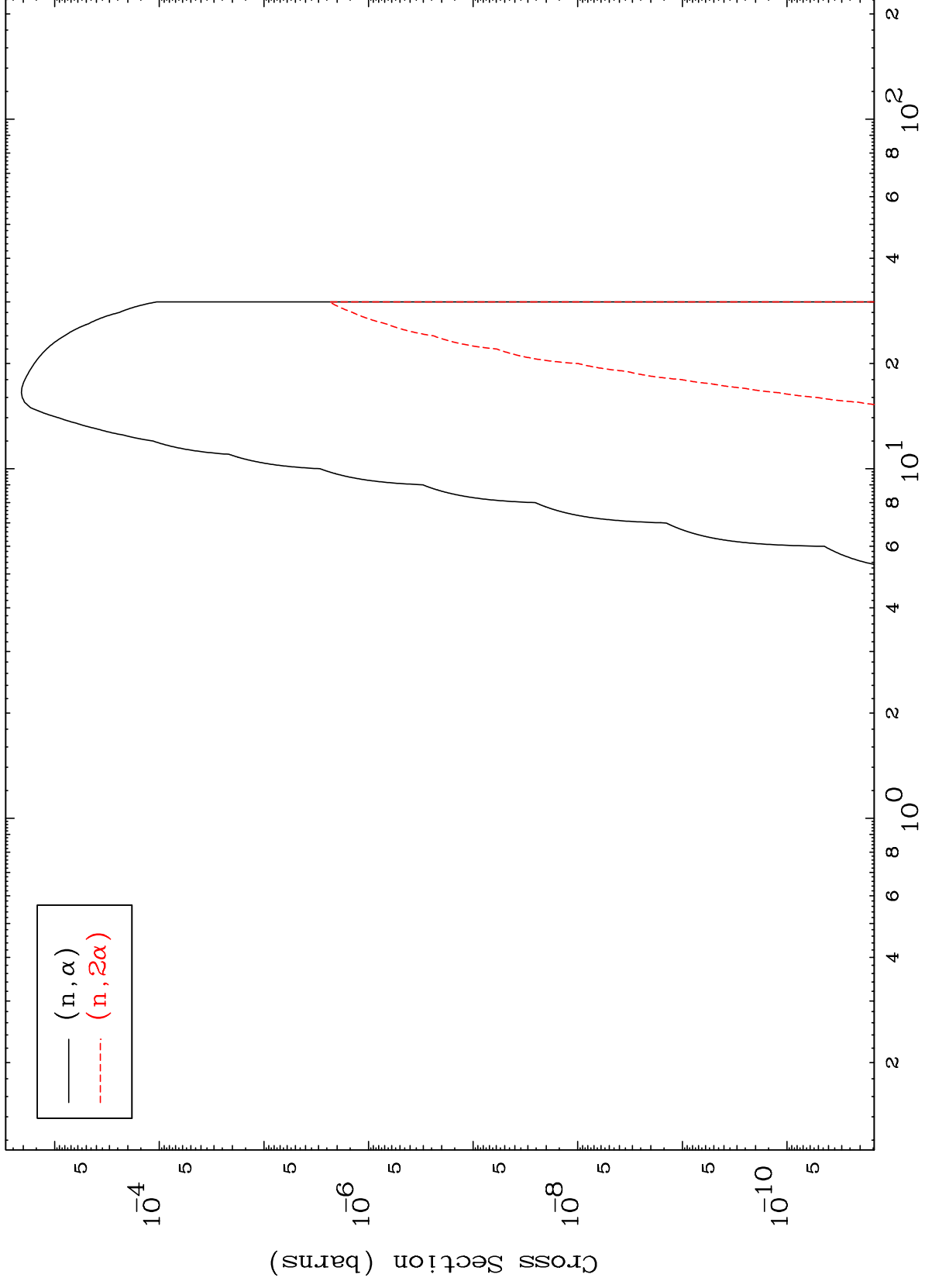
61-Pm-136

MAT 61116

(γ, α) Levels

61-Pm-136

0 Kelvin Cross Sections

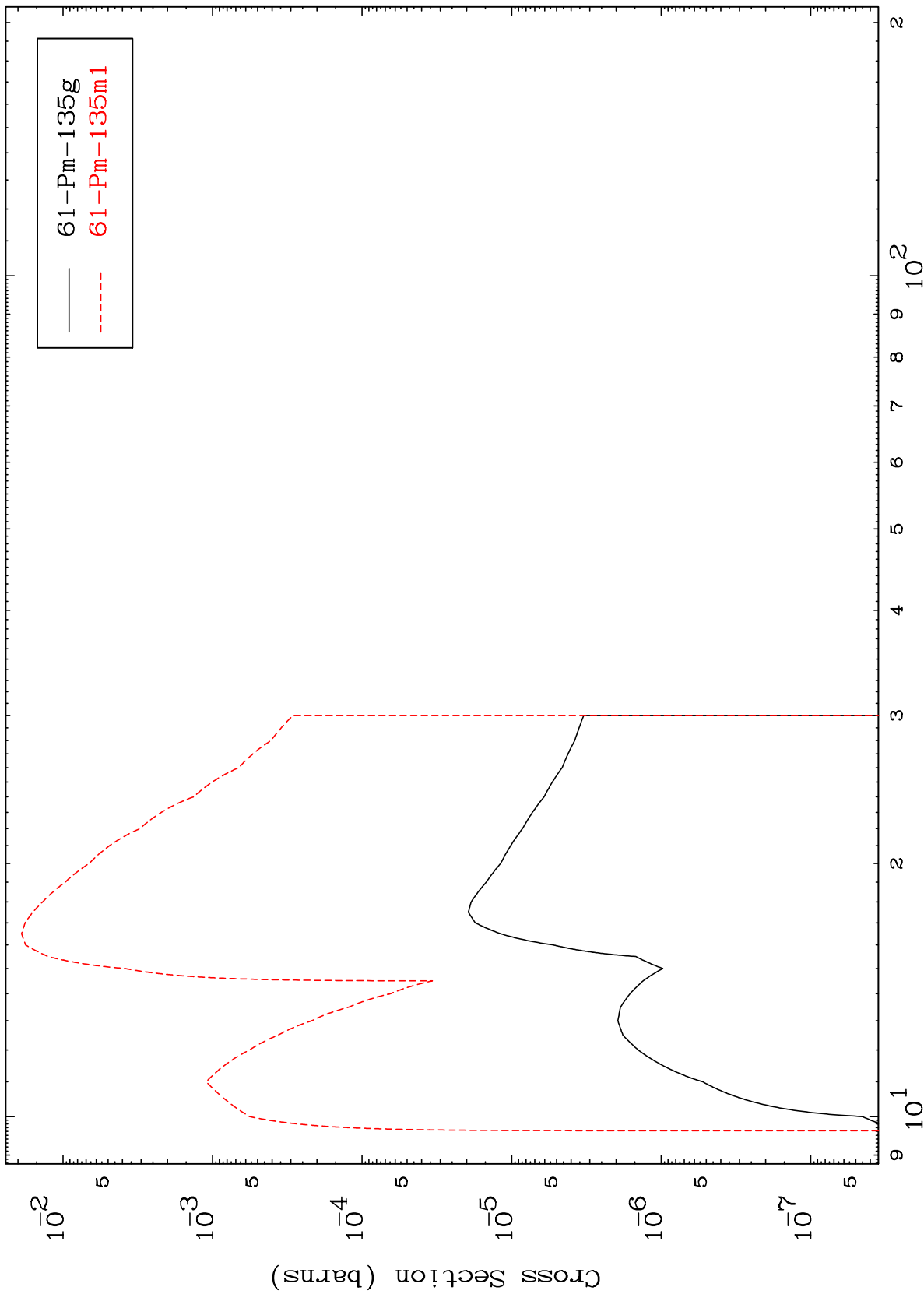


— (n, α)
- - - (n, 2α)

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61-Pm-136

Inelastic
Radionuclide Production Cross Section



61-Pm-136

Incident Energy (MeV)

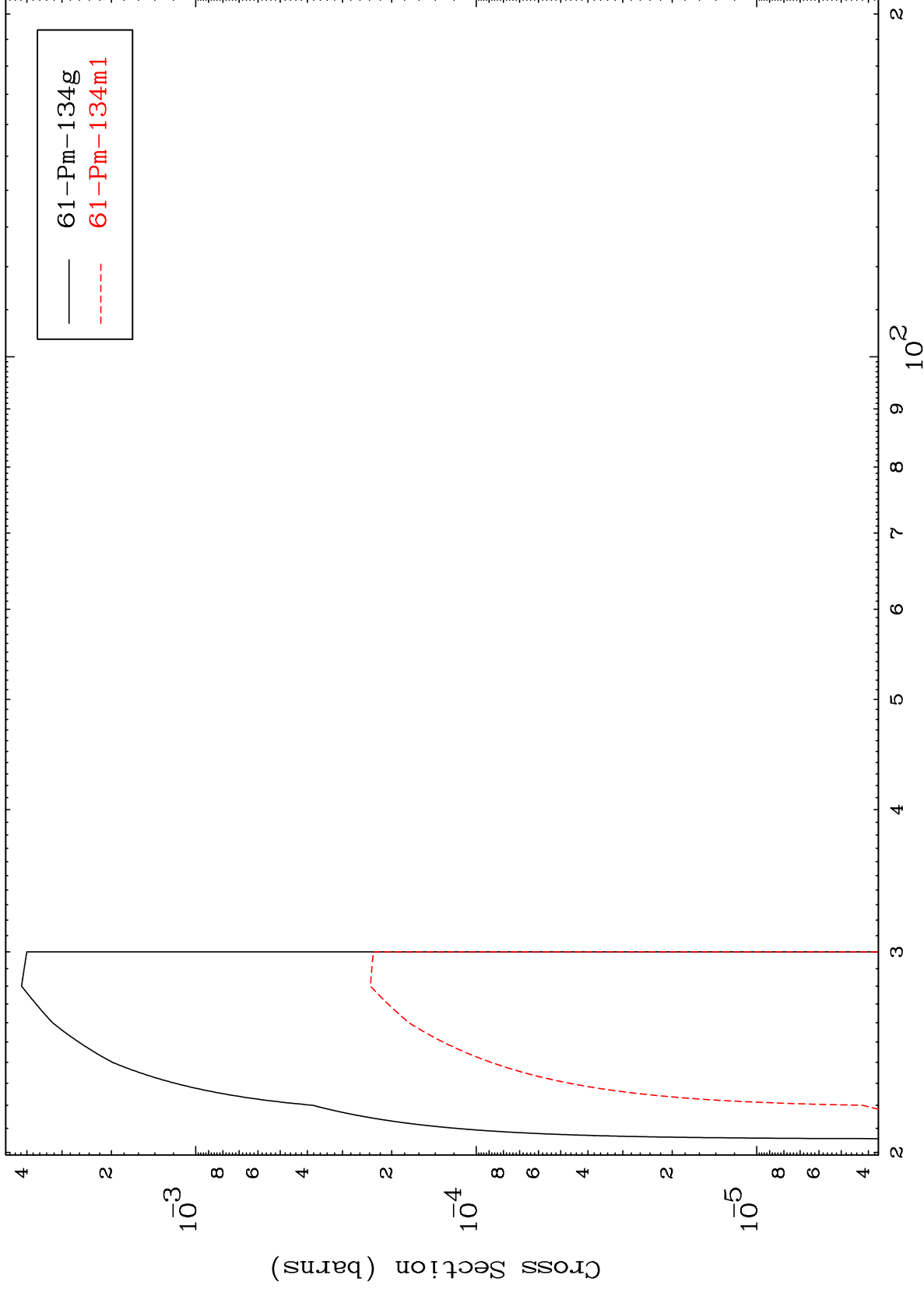
12

MAT 6116

(n,2n)

61-Pm-136

Radionuclide Production Cross Section



13

Incident Energy (MeV)

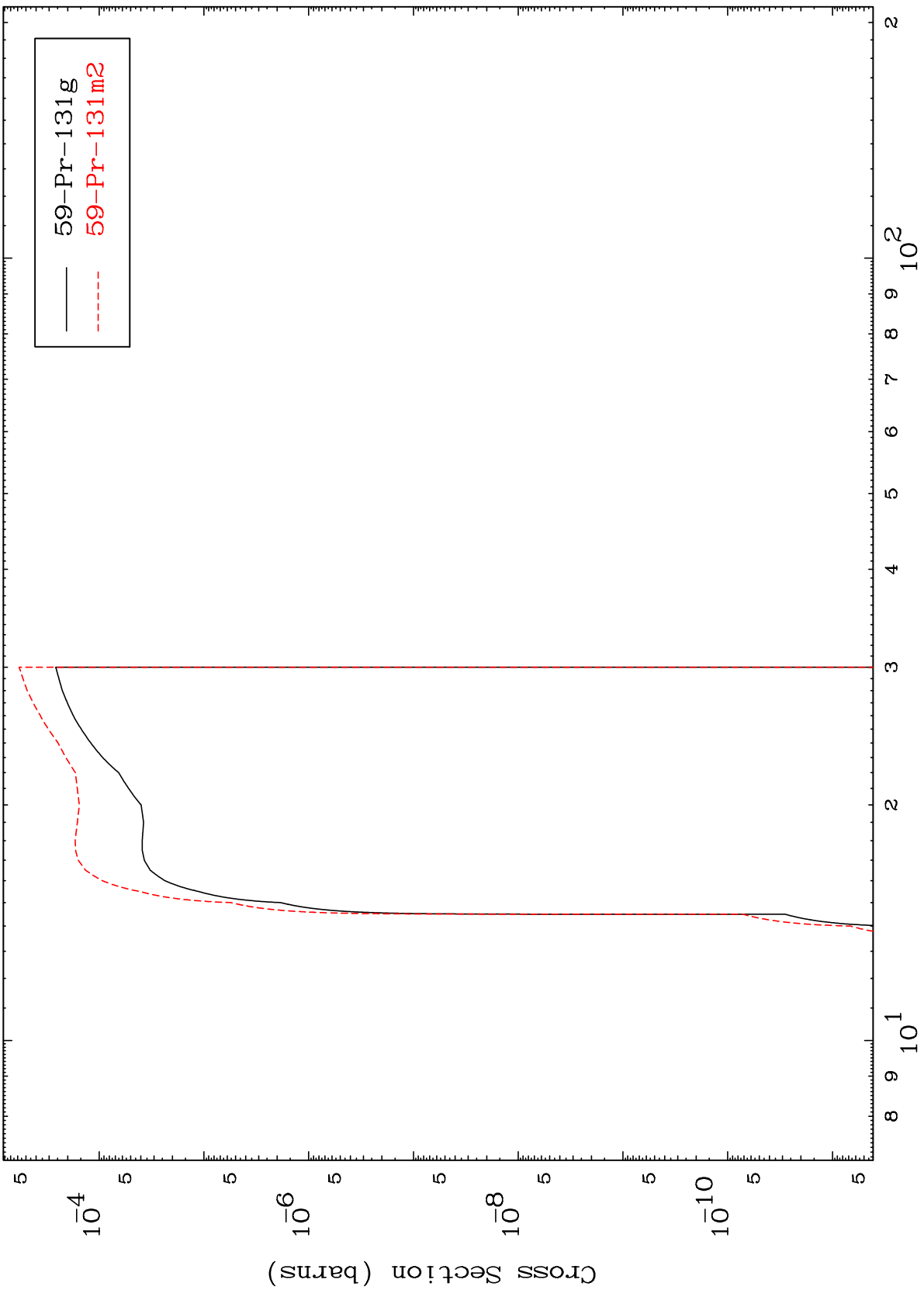
61-Pm-136

MAT 6116

$(n, n') \alpha$

61-Pm-136

Radionuclide Production Cross Section



14

Incident Energy (MeV)

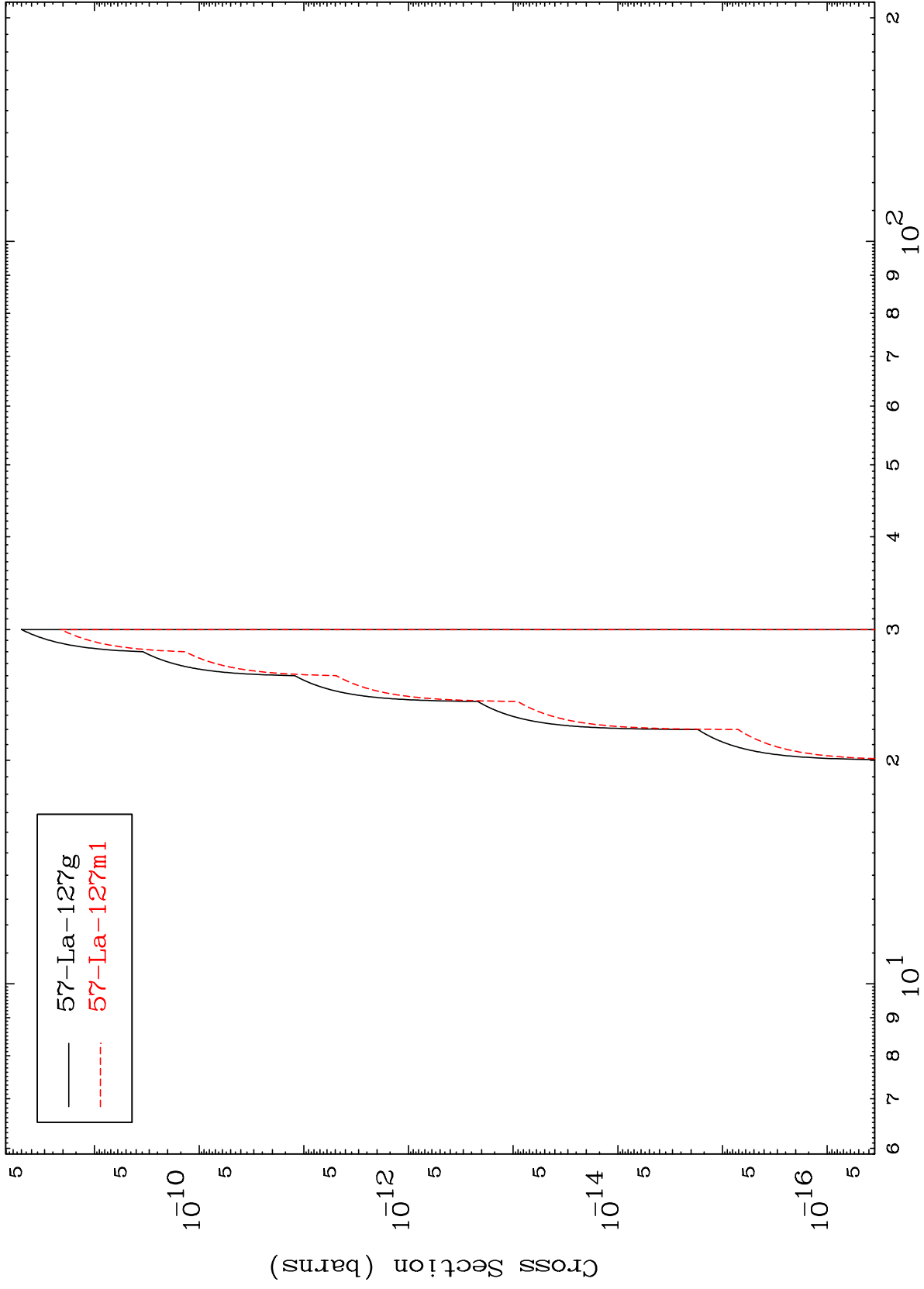
61-Pm-136

MAT 61116

(n,n') 2α

61-Pm-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

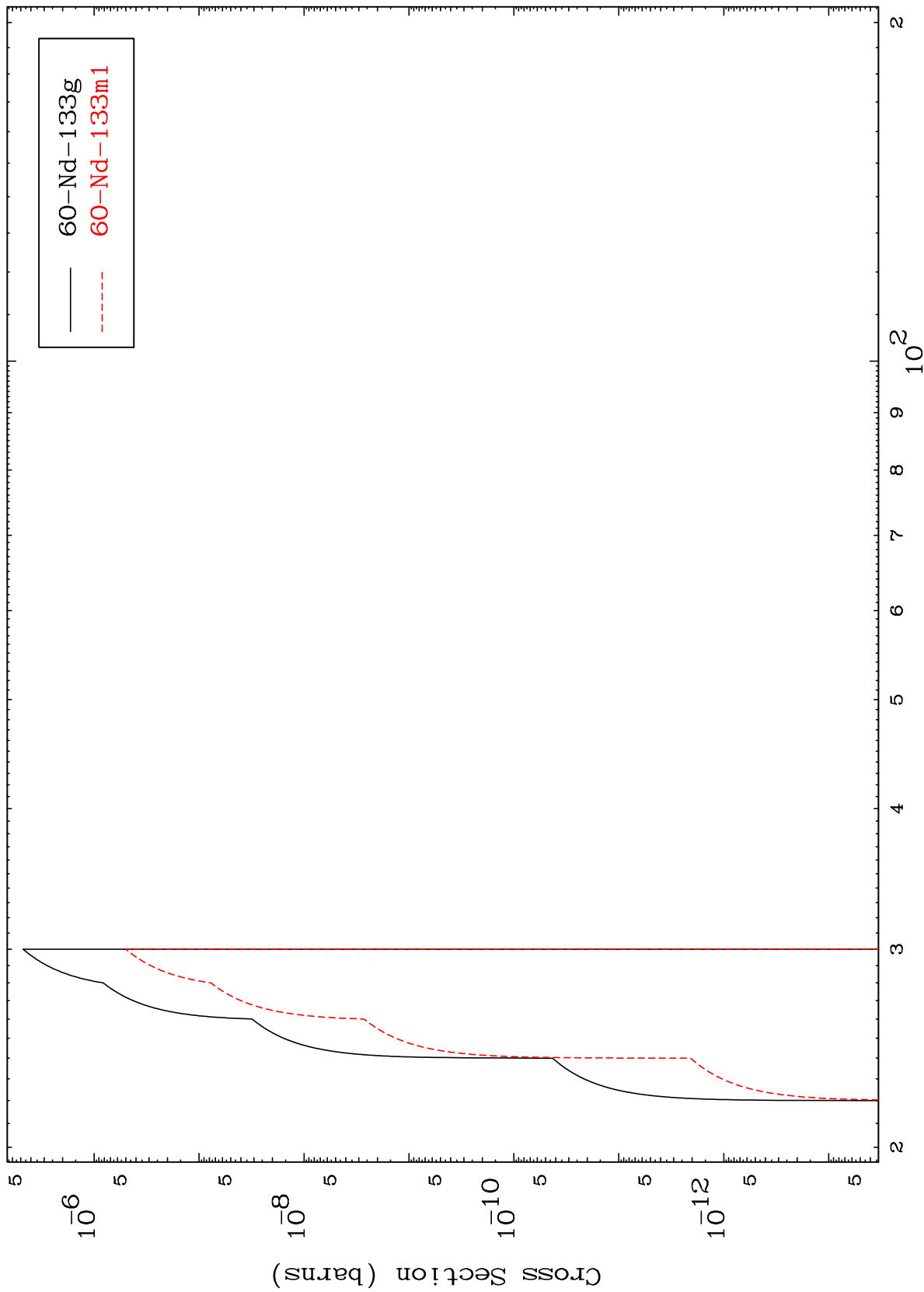
61-Pm-136

MAT 6116

(n,n') d

61-Pm-136

Radionuclide Production Cross Section

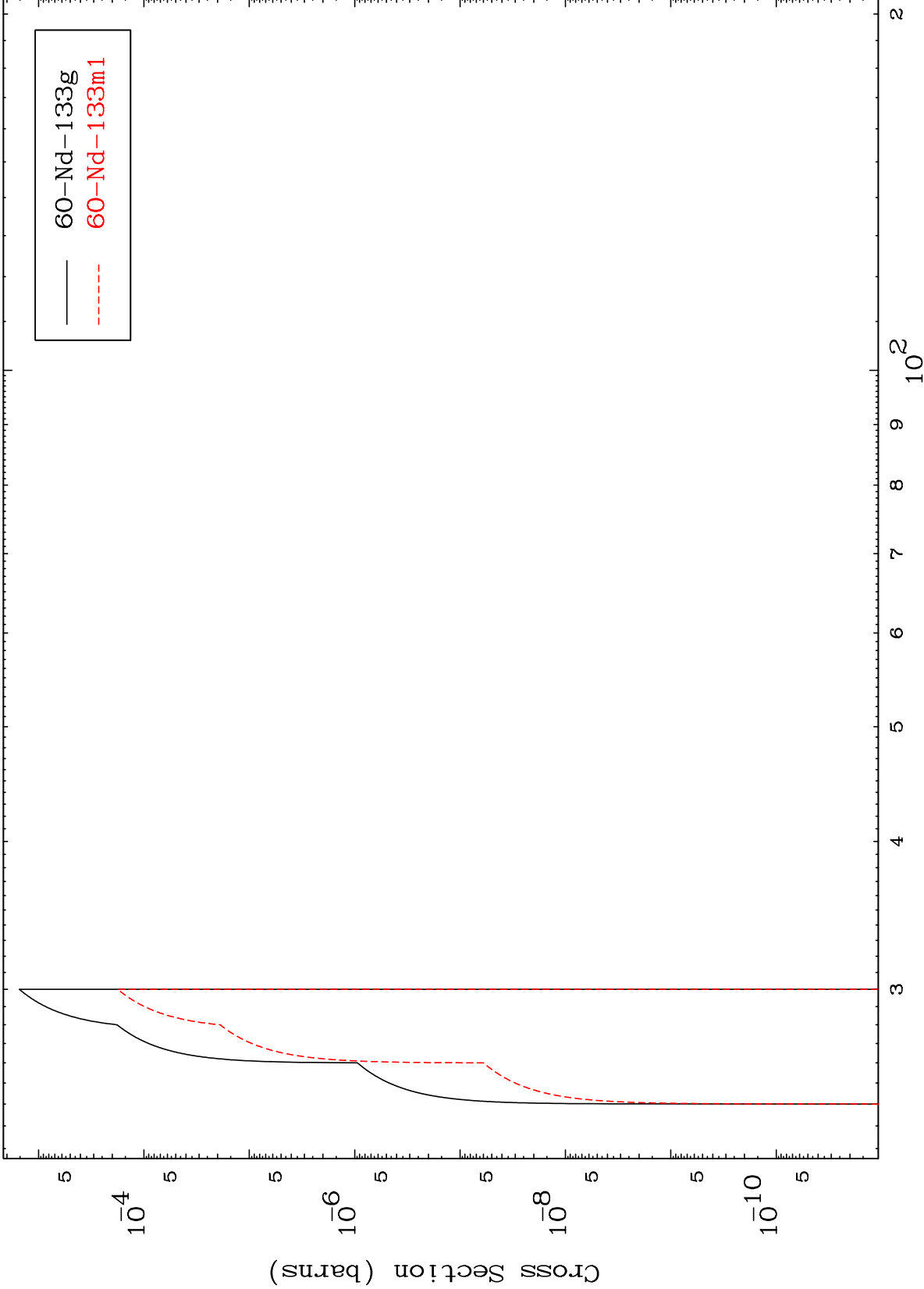


16

Incident Energy (MeV)

61-Pm-136

Radionuclide Production Cross Section



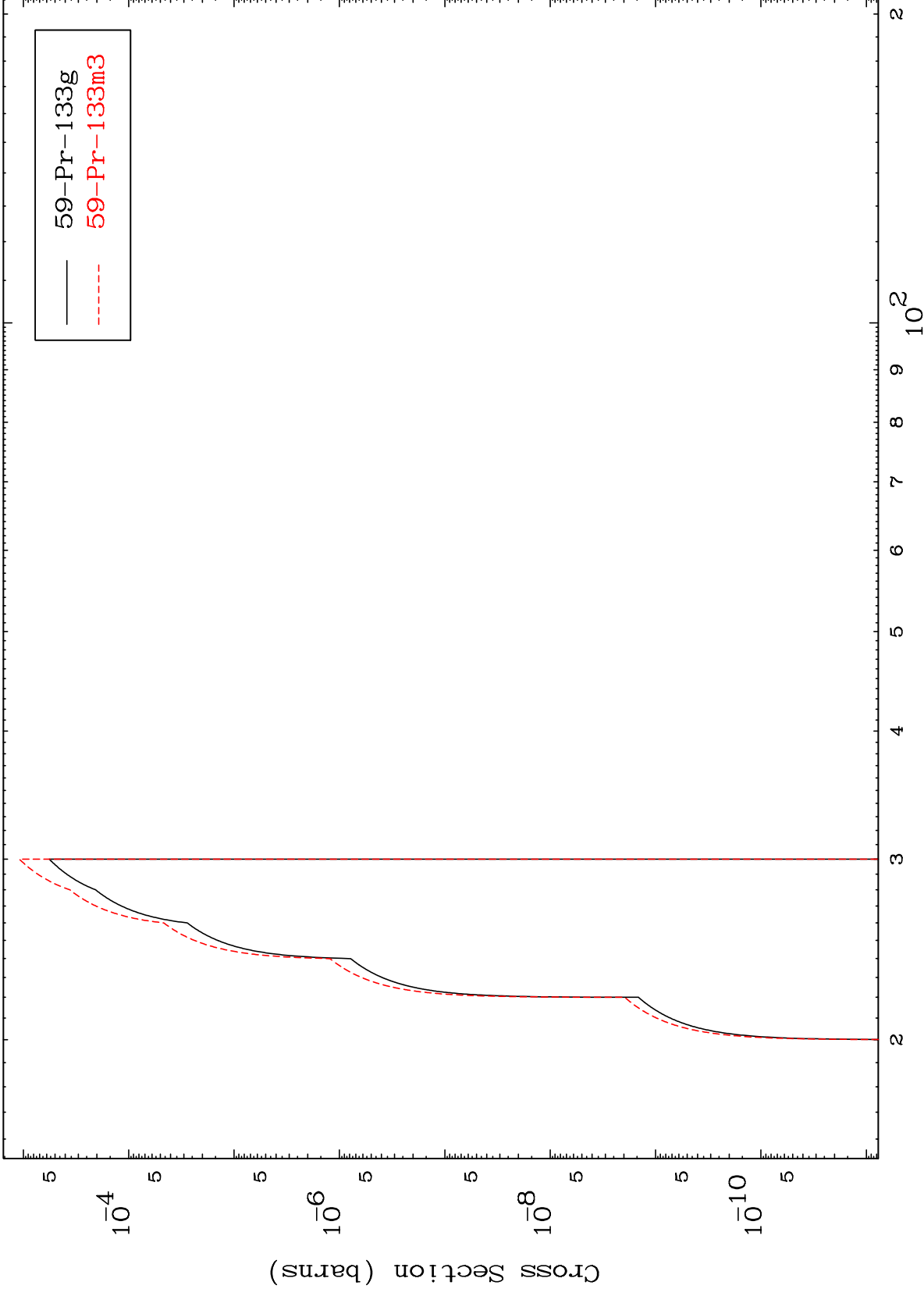
60-Nd-133g
60-Nd-133m1

MAT 6116

(n,2n) p

61-Pm-136

Radionuclide Production Cross Section



18

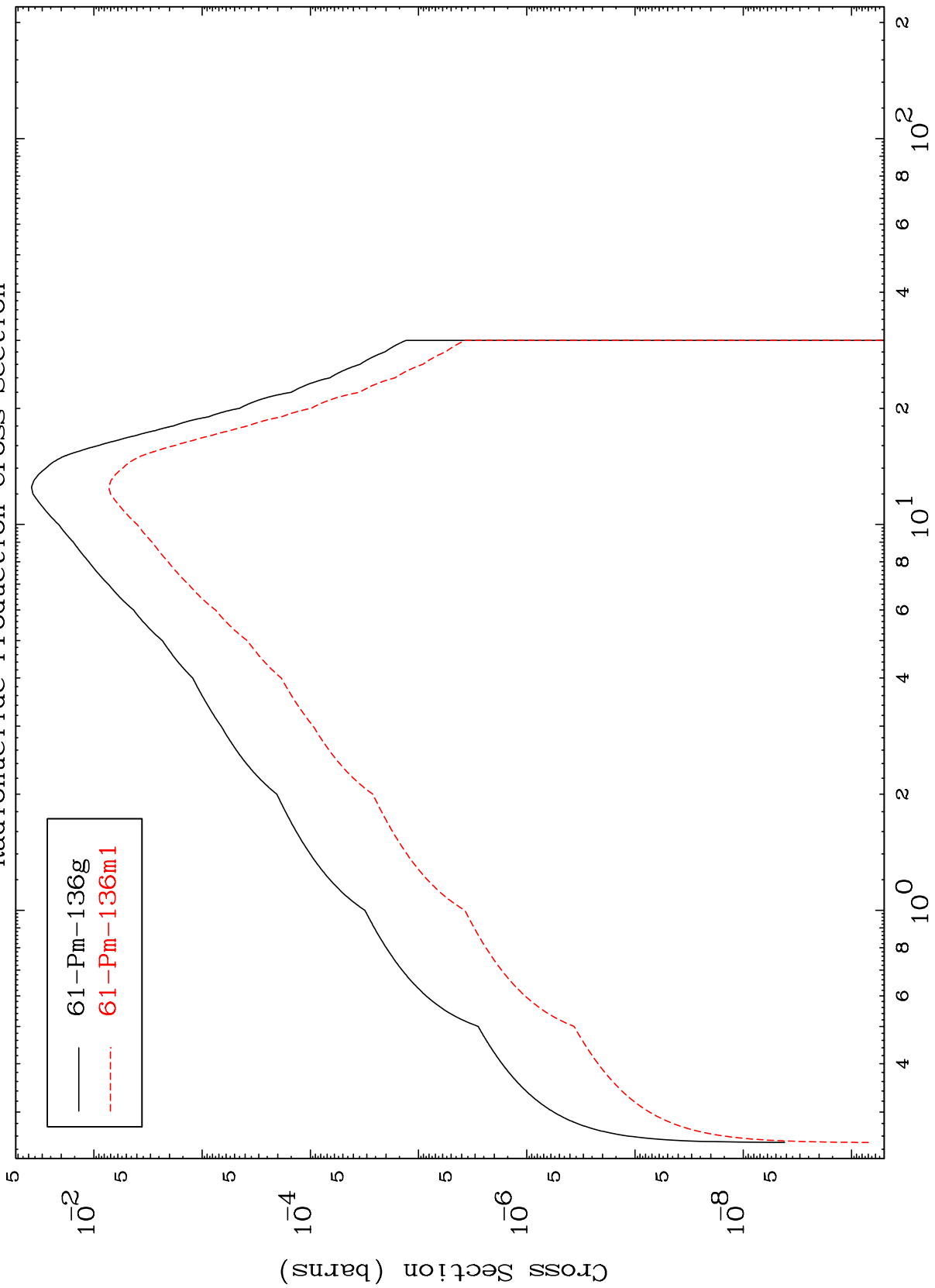
Incident Energy (MeV)

61-Pm-136

MAT 6116

61-Pm-136

Radionuclide Production Cross Section
(n, γ)

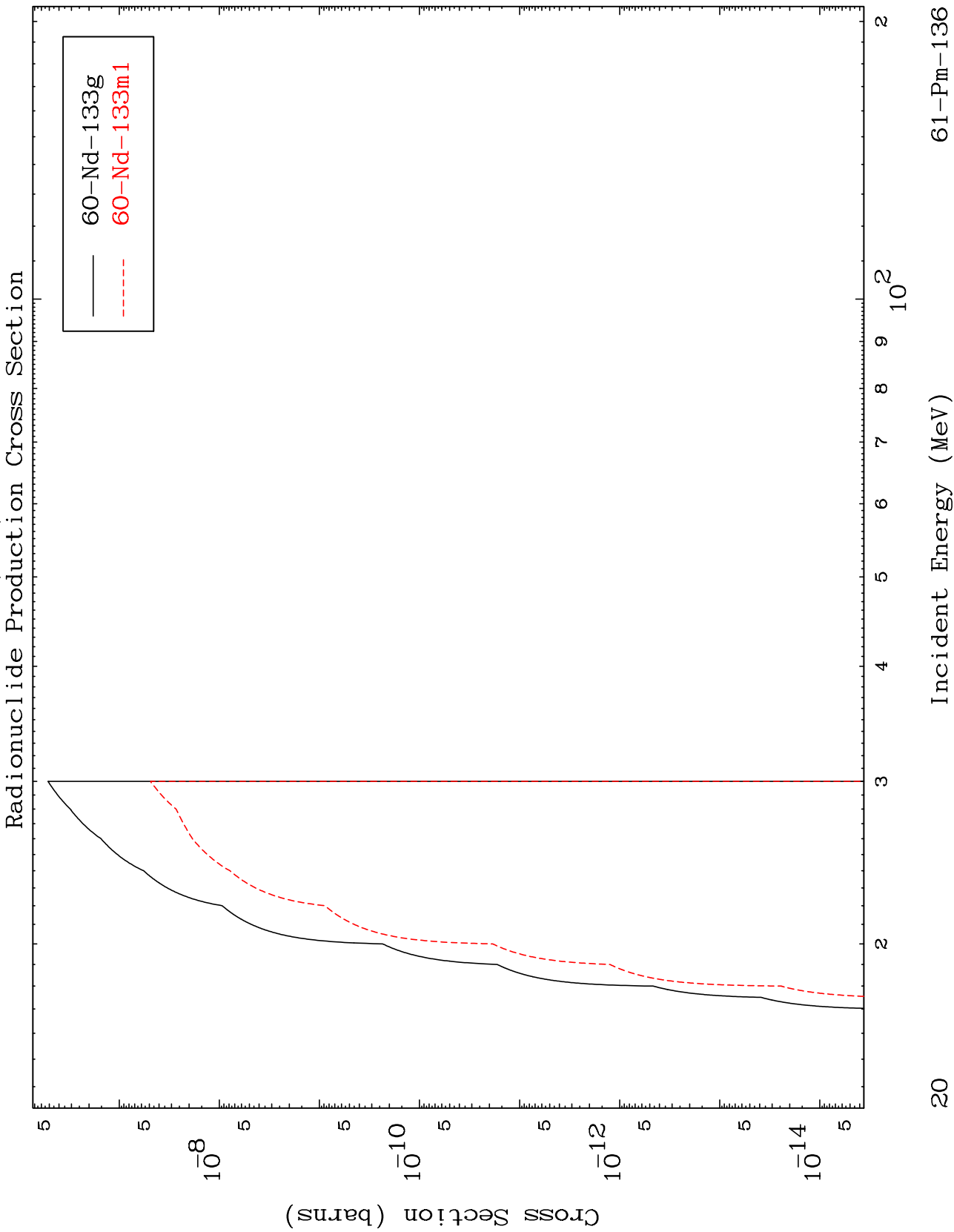


61-Pm-136g
61-Pm-136m1

19

Incident Energy (MeV)

61-Pm-136

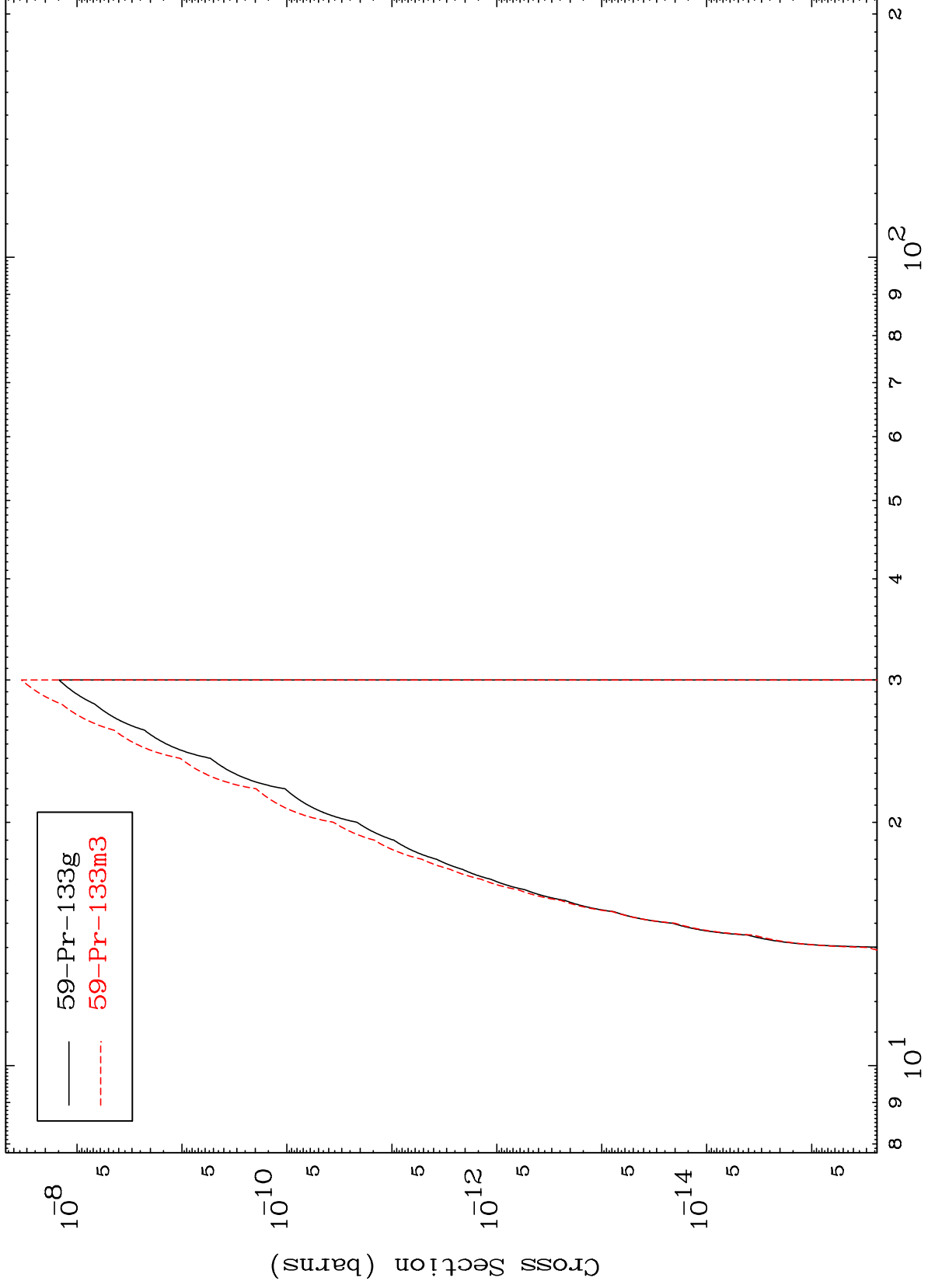


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(n,He-3)

61-Pm-136

Radionuclide Production Cross Section



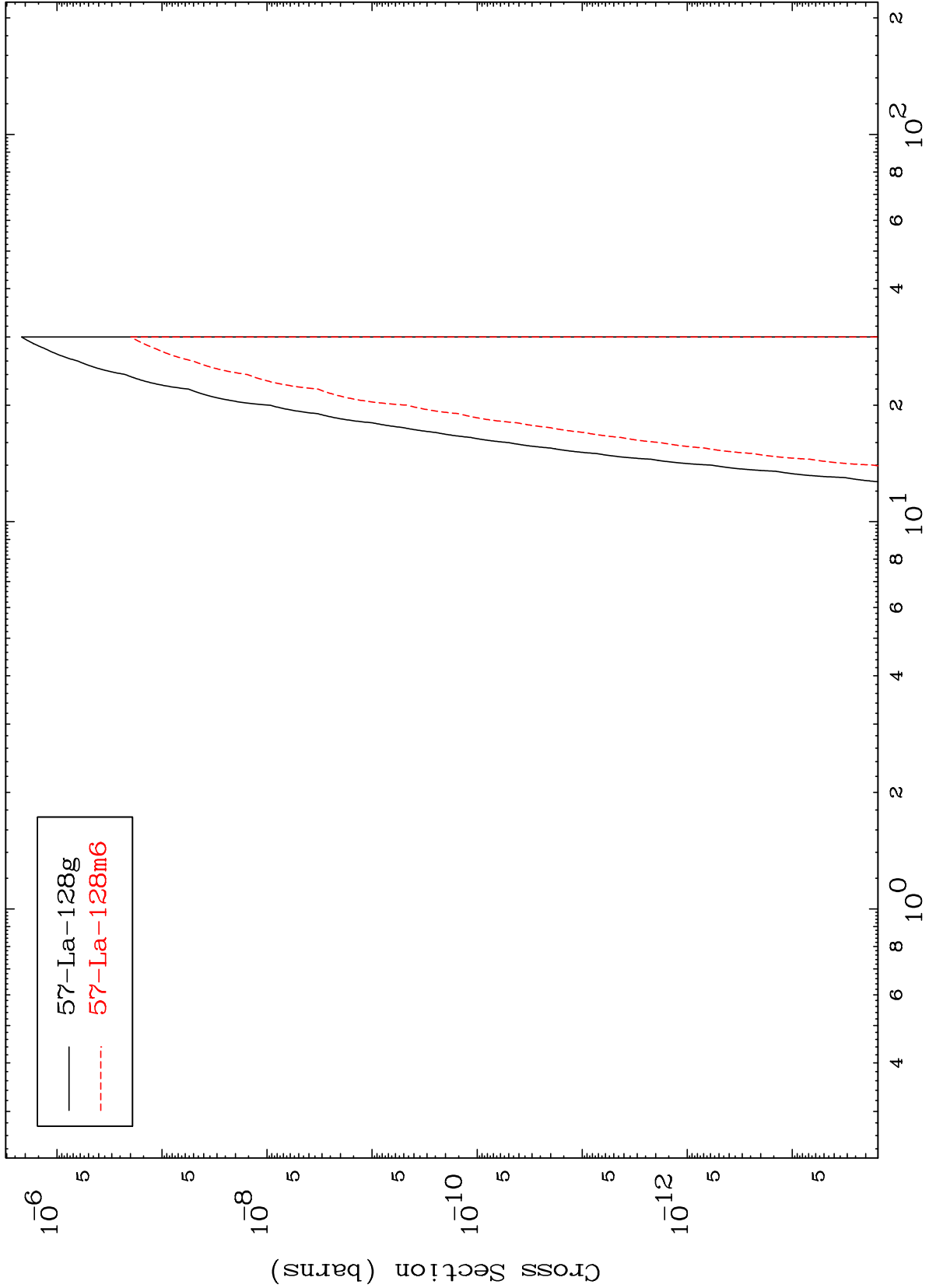
59-Pr-133g
59-Pr-133m3

MAT 6116

(n,2α)

61-Pm-136

Radionuclide Production Cross Section



— 57-La-128g
- - - 57-La-128m6

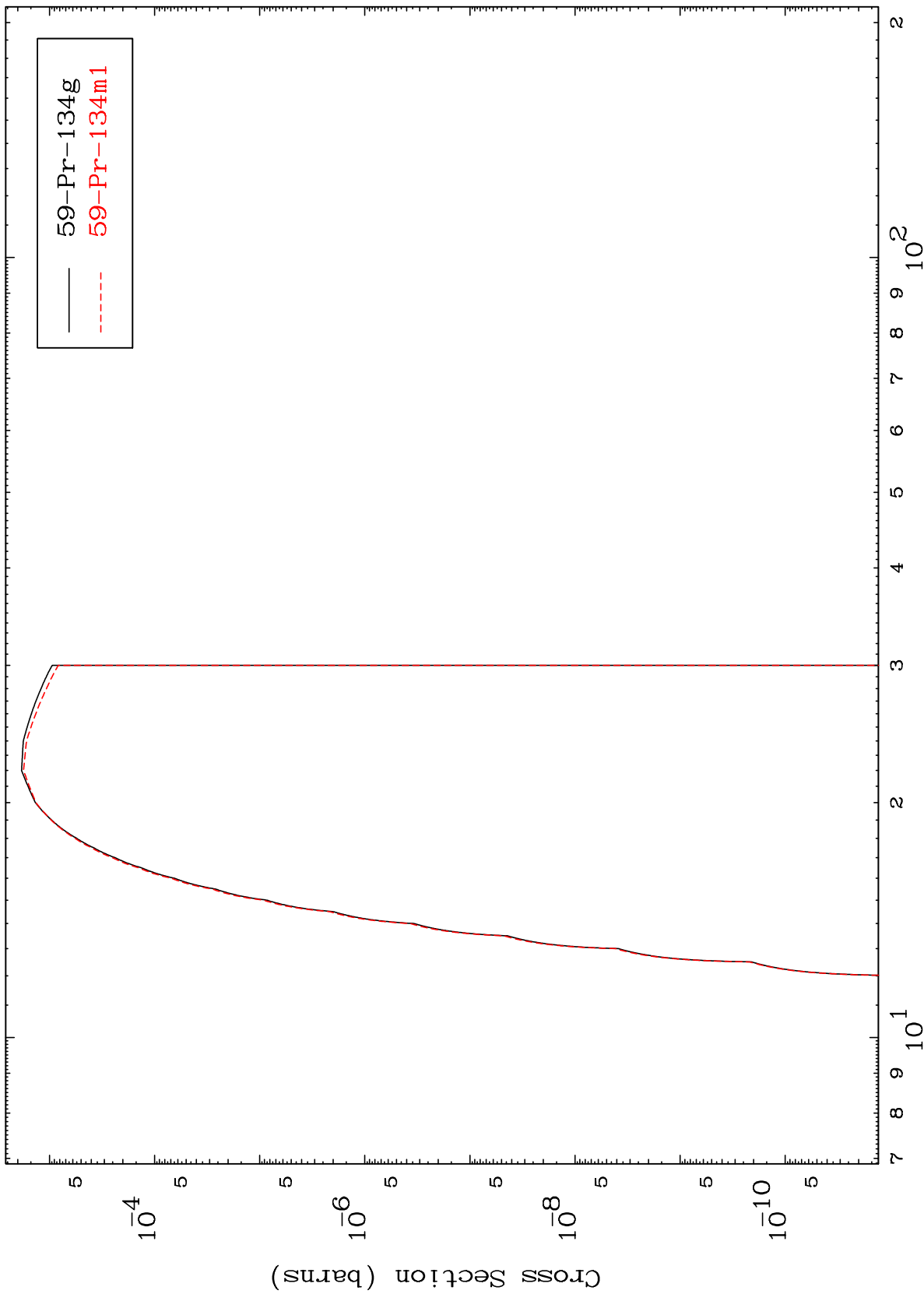
Incident Energy (MeV)

61-Pm-136

MAT 6116

61-Pm-136

(n,2p)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

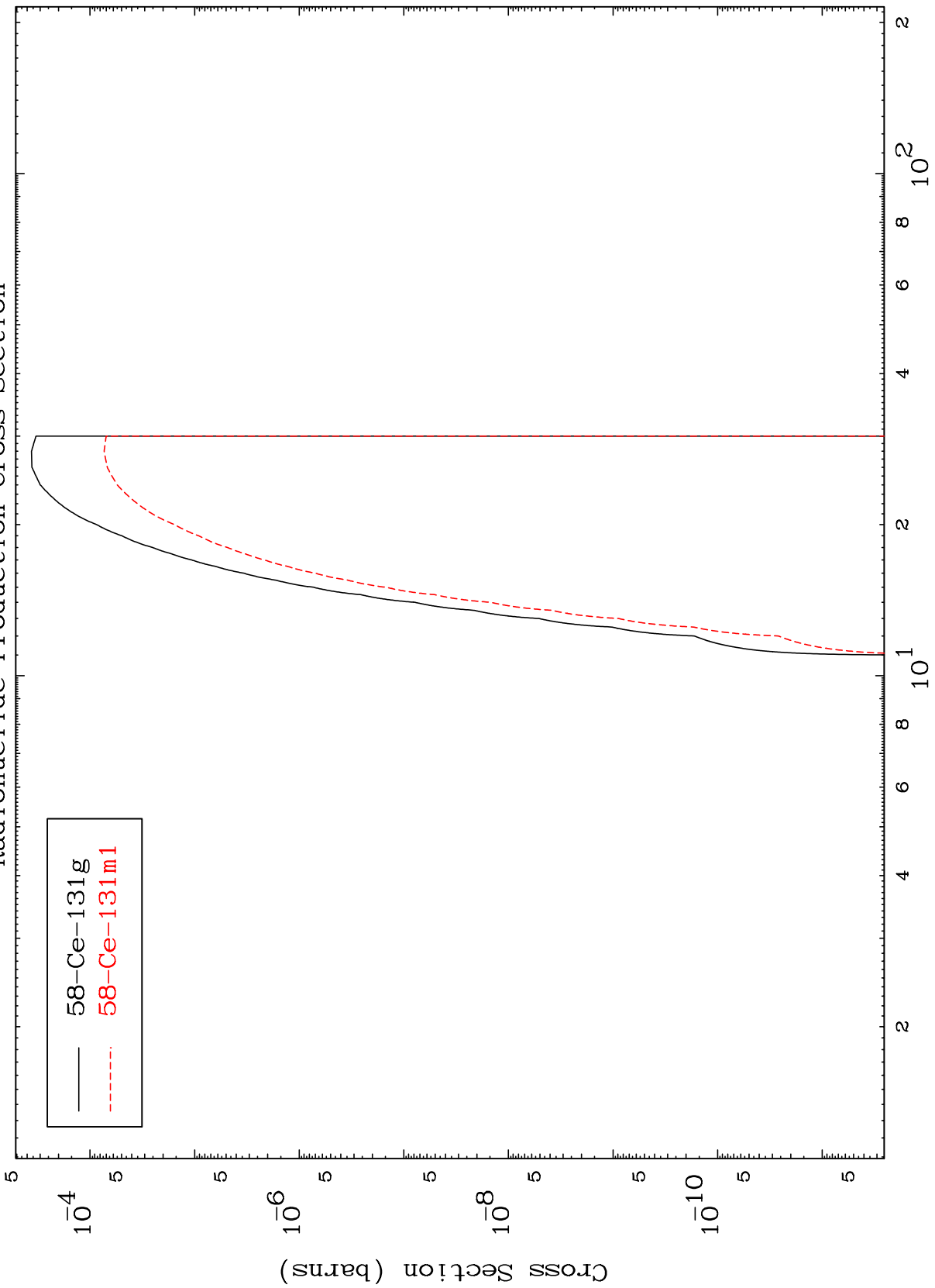
61-Pm-136

MAT 6116

(n,p) α

61-Pm-136

Radionuclide Production Cross Section



24

Incident Energy (MeV)

61-Pm-136

