

Program EVALPLOT
(Version 2021-1)

by

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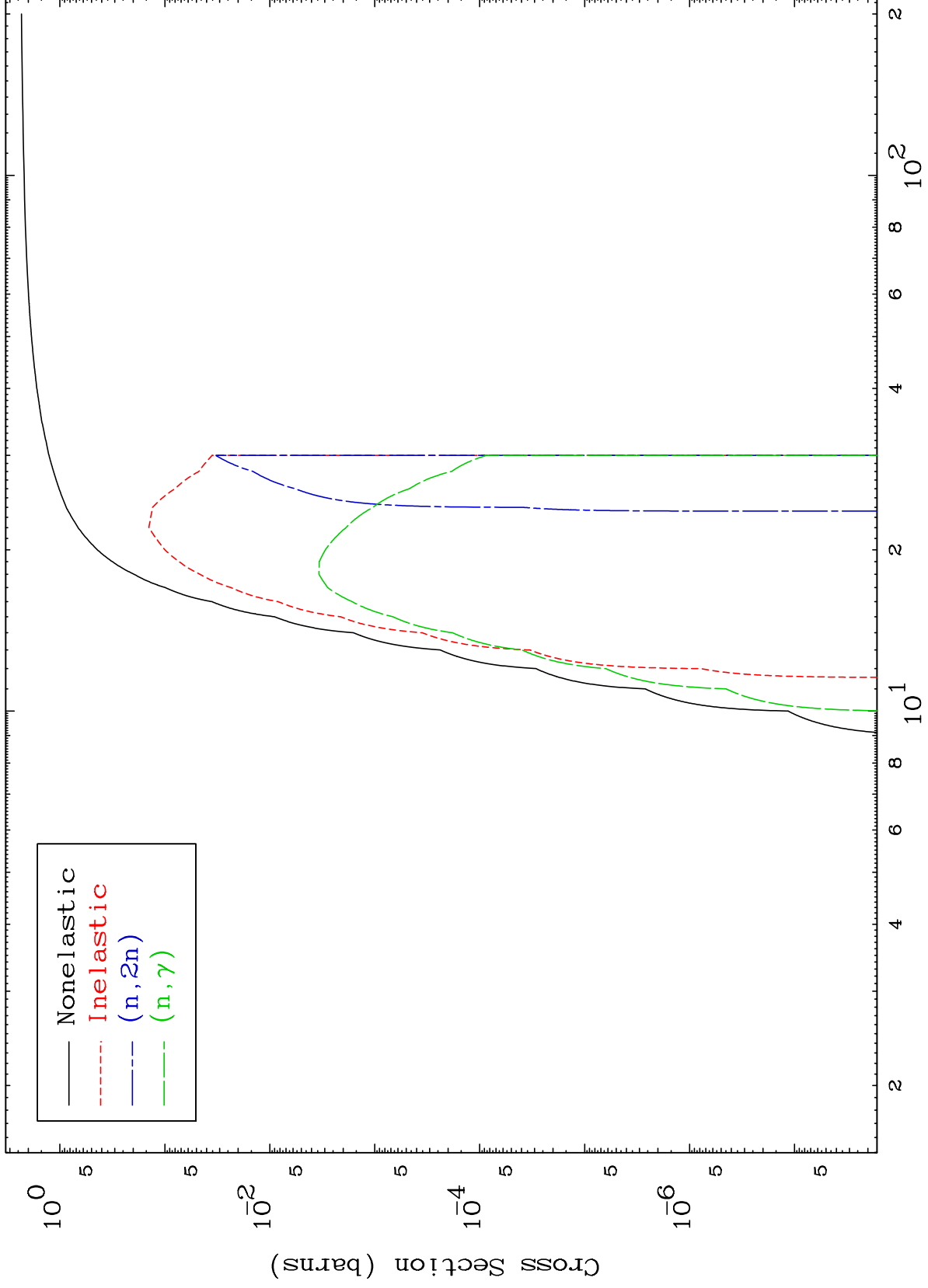
Press Mouse Button to Start

MAT 6117

0 Kelvin Cross Sections

α Major

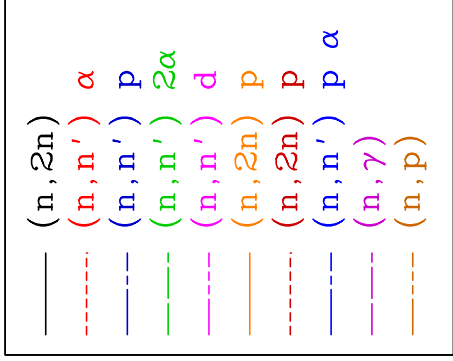
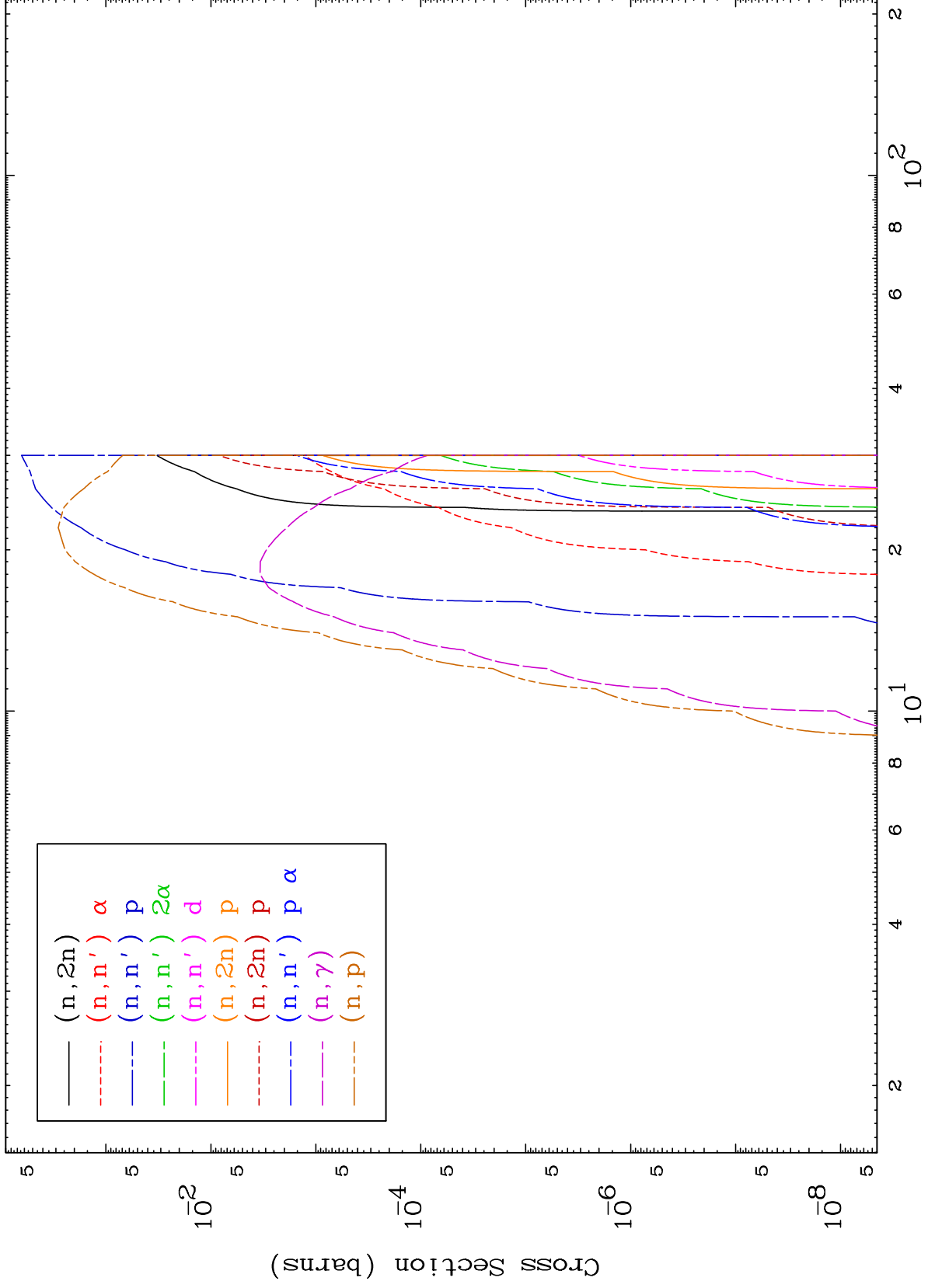
61-Pm-136m



MAT 6117

α Neutron Absorption
0 Kelvin Cross Sections

61-Pm-136m



2

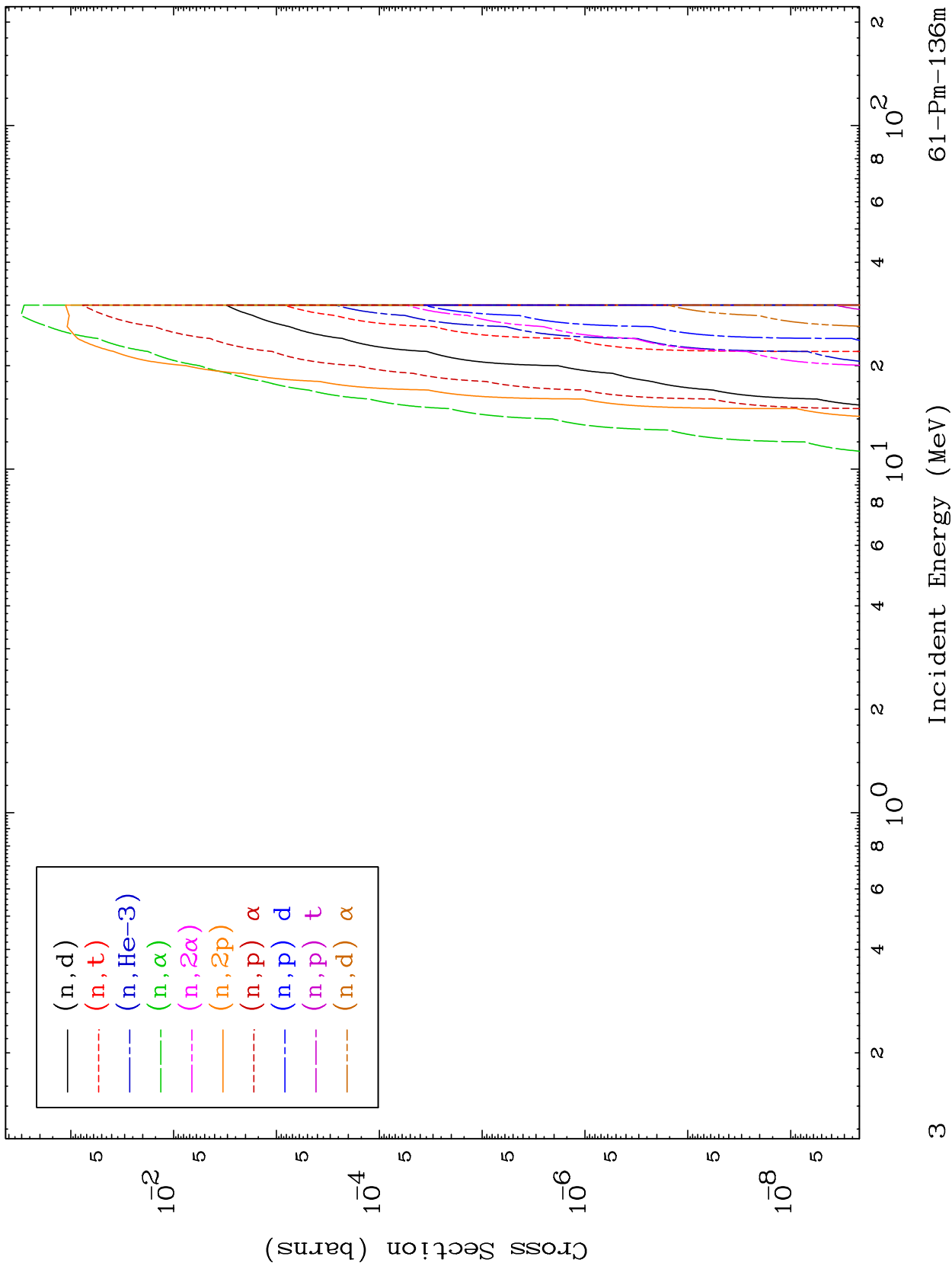
Incident Energy (MeV)

61-Pm-136m

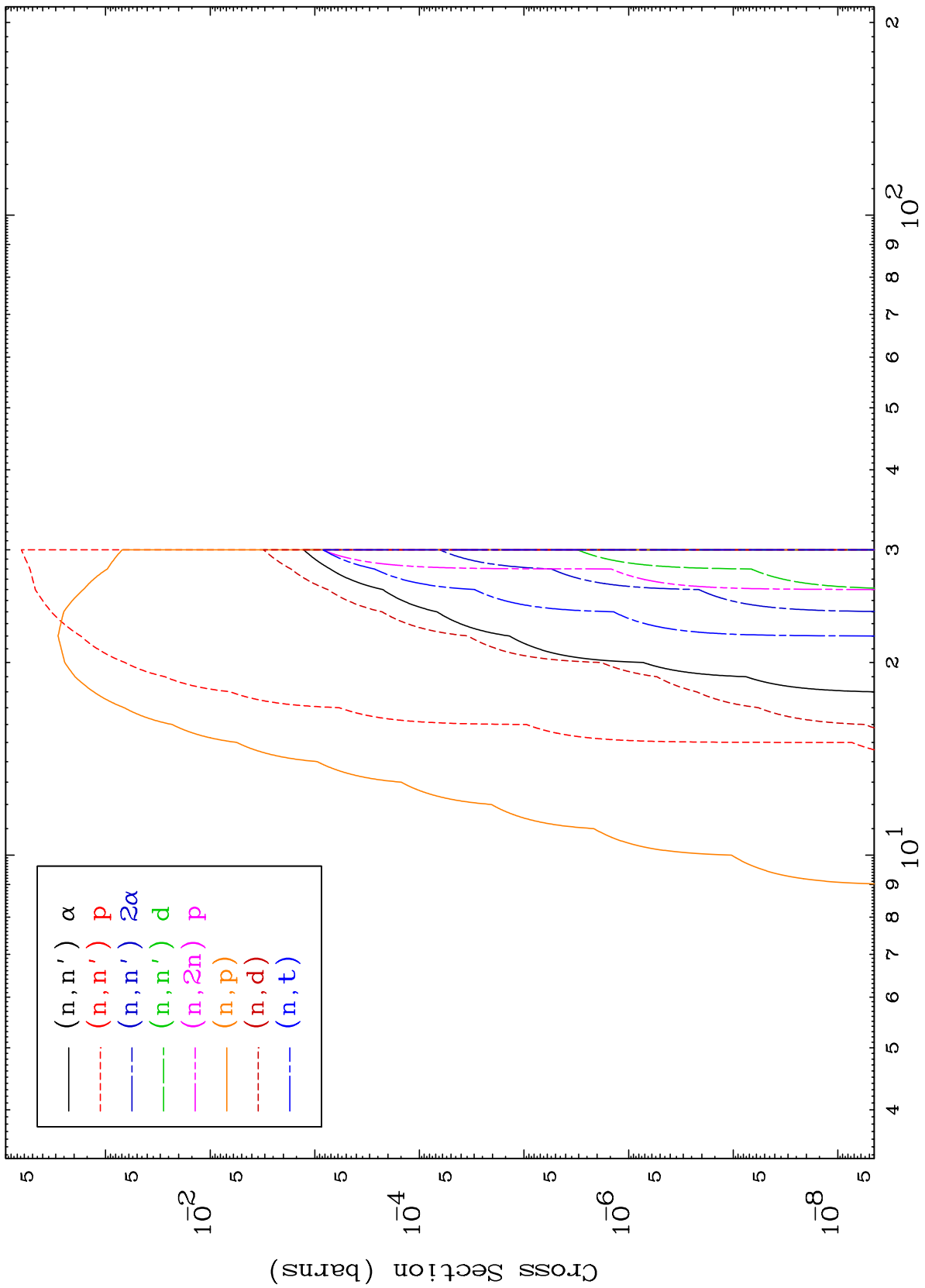
MAT 6117

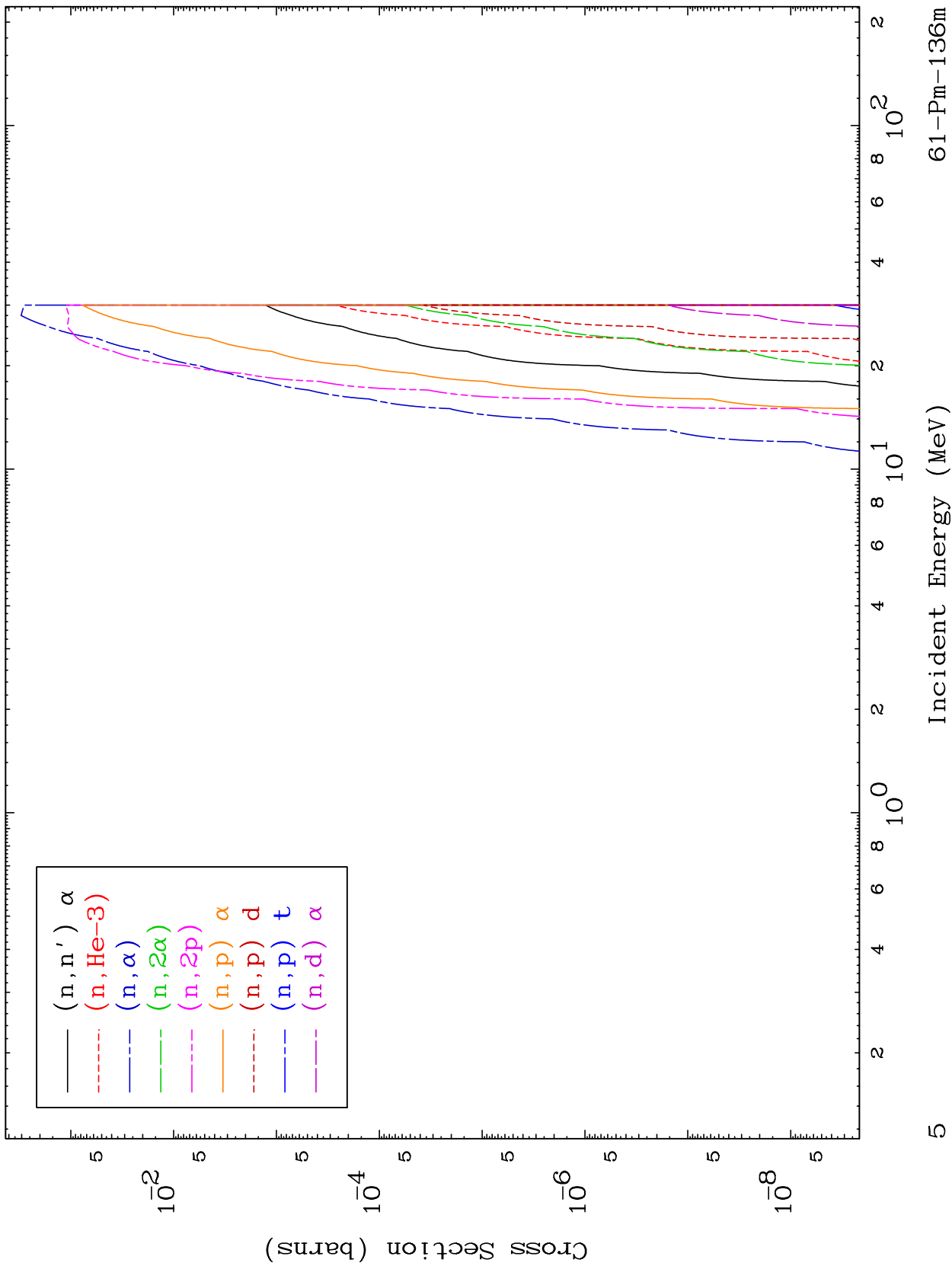
α Neutron Absorption
0 Kelvin Cross Sections

61-Pm-136m



61-Pm-136m



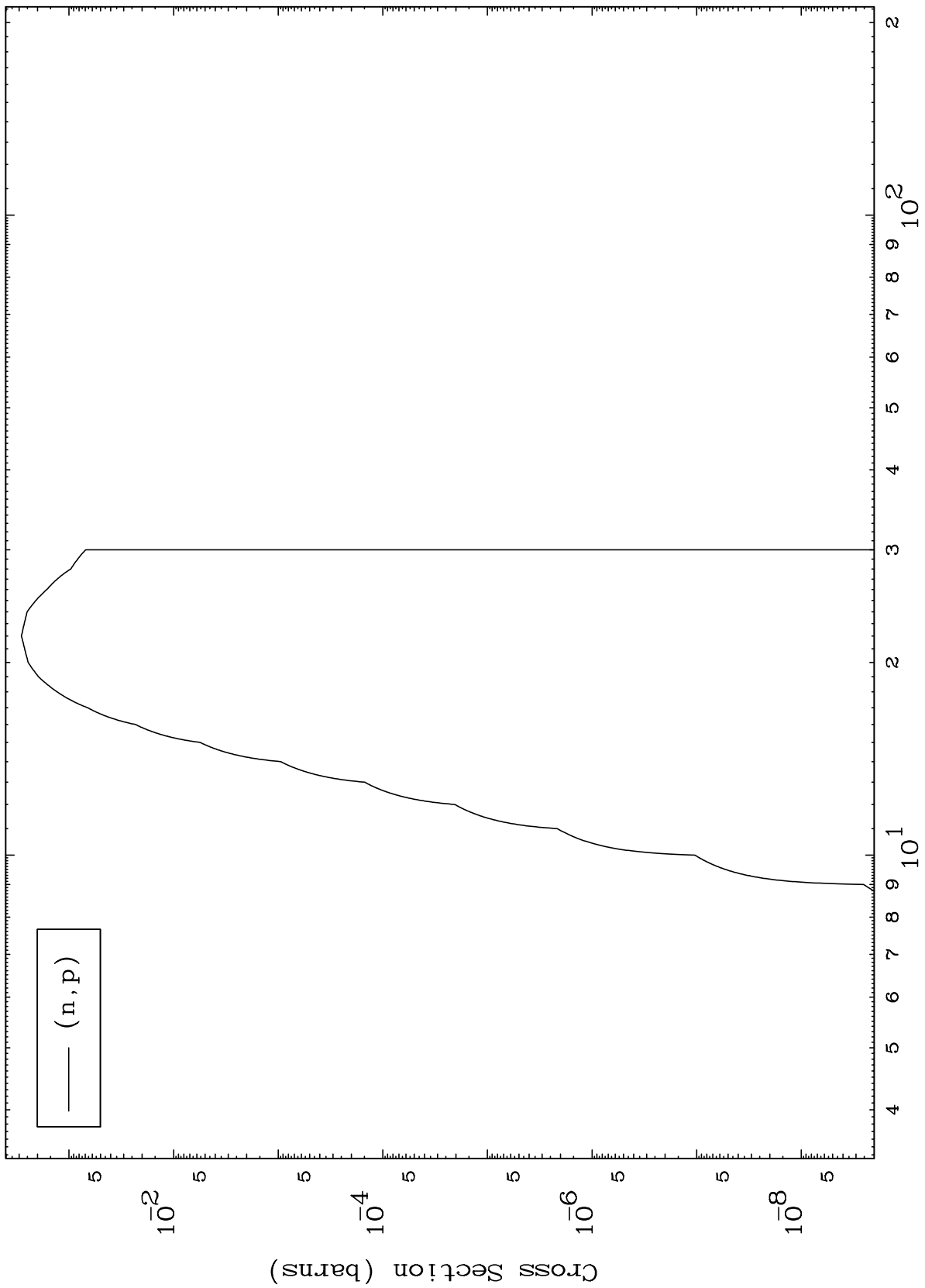


MAT 6117

(α, p) Levels

61-Pm-136m

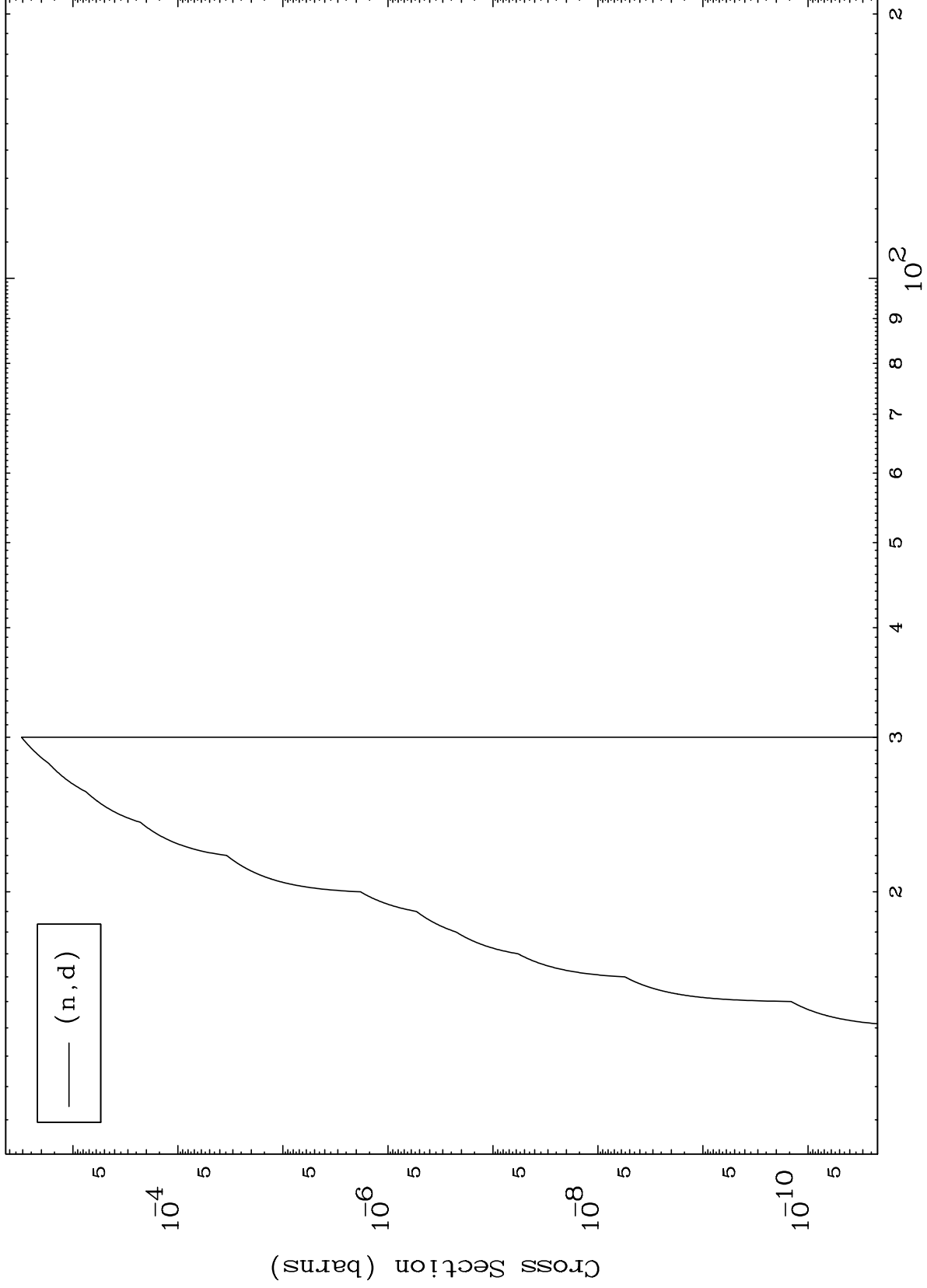
0 Kelvin Cross Sections



6

Incident Energy (MeV)

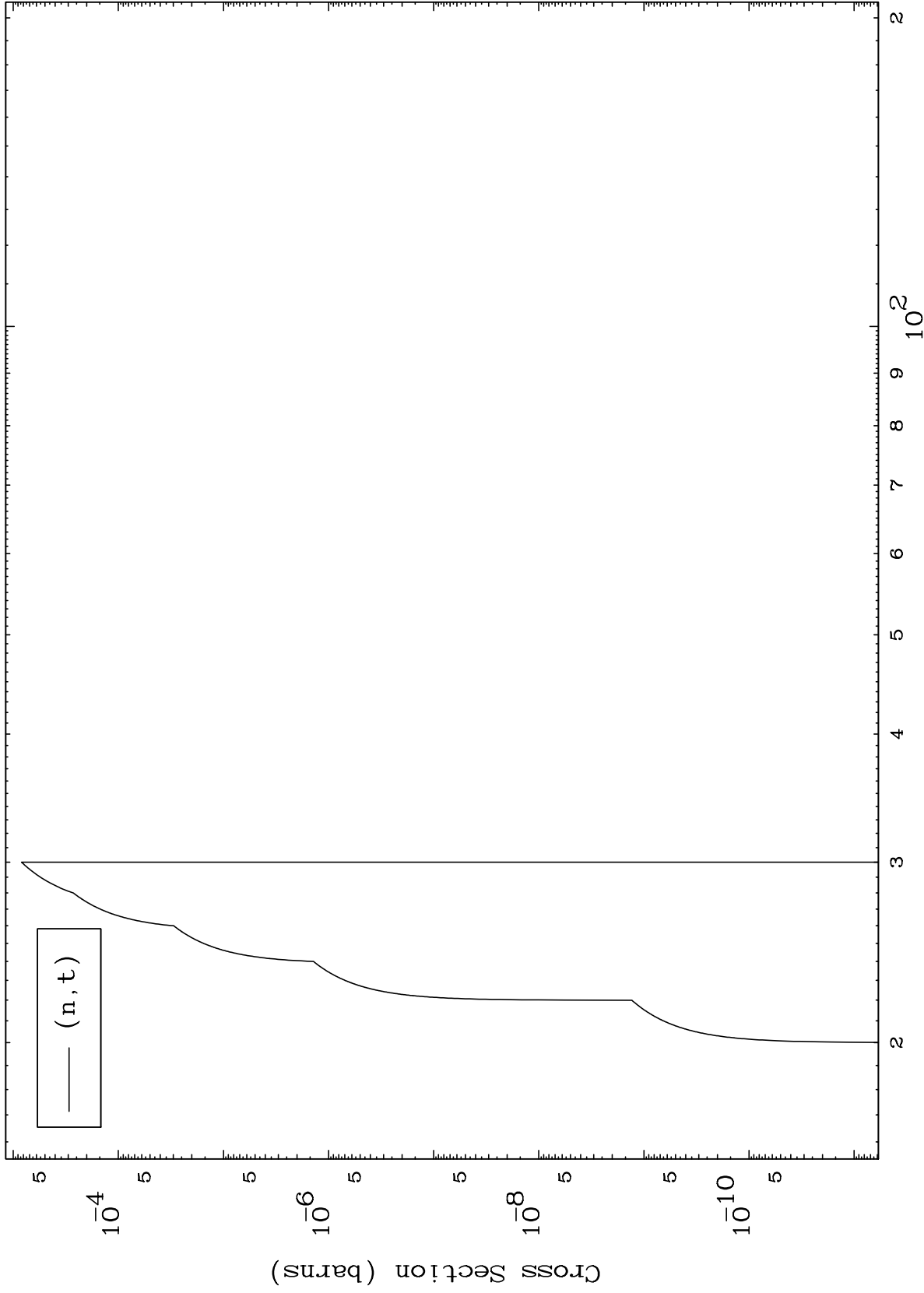
61-Pm-136m



MAT 61117

(α, t) Levels
0 Kelvin Cross Sections

61-Pm-136m



8

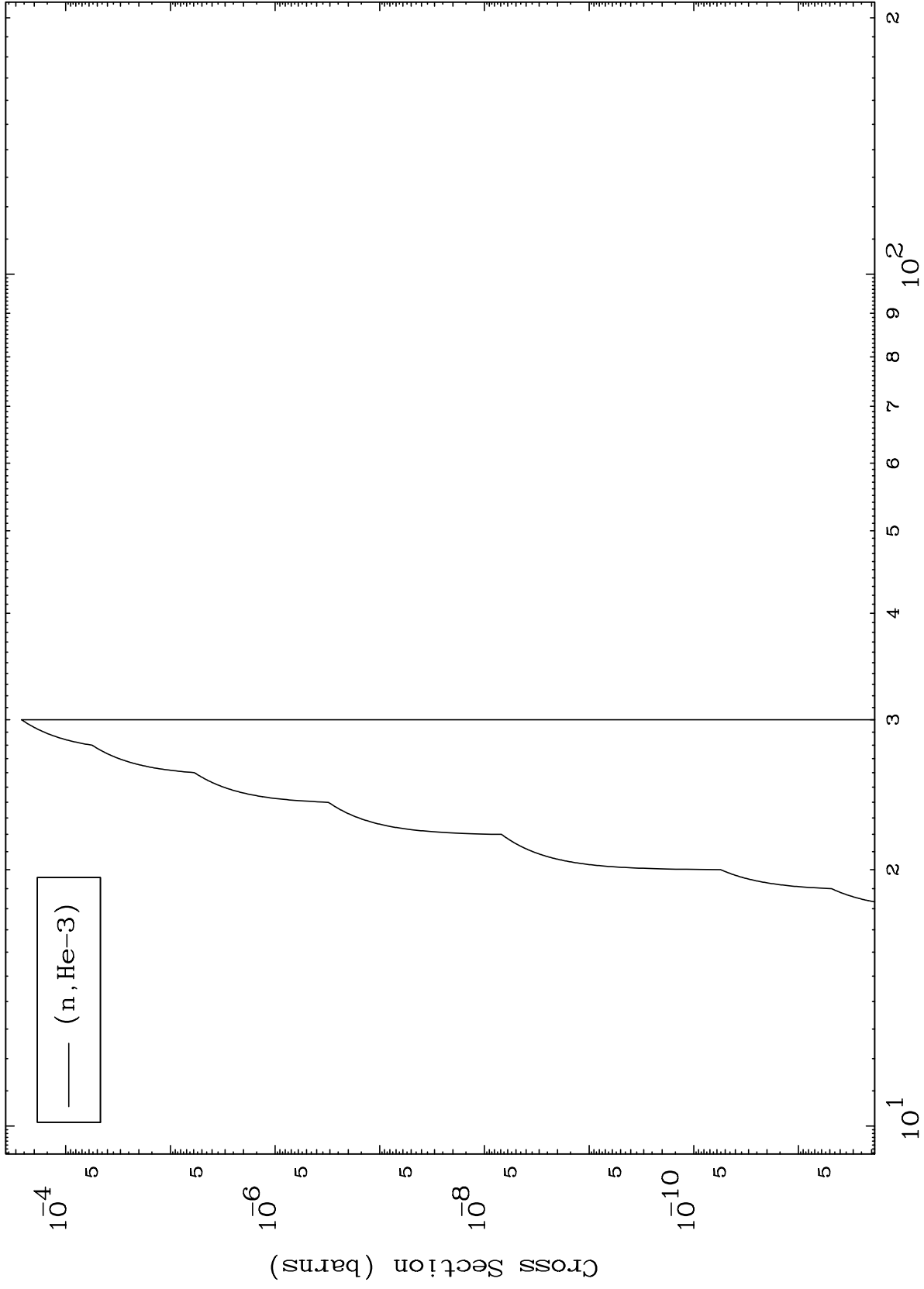
Incident Energy (MeV)

61-Pm-136m

MAT 61117

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

61-Pm-136m



Incident Energy (MeV)

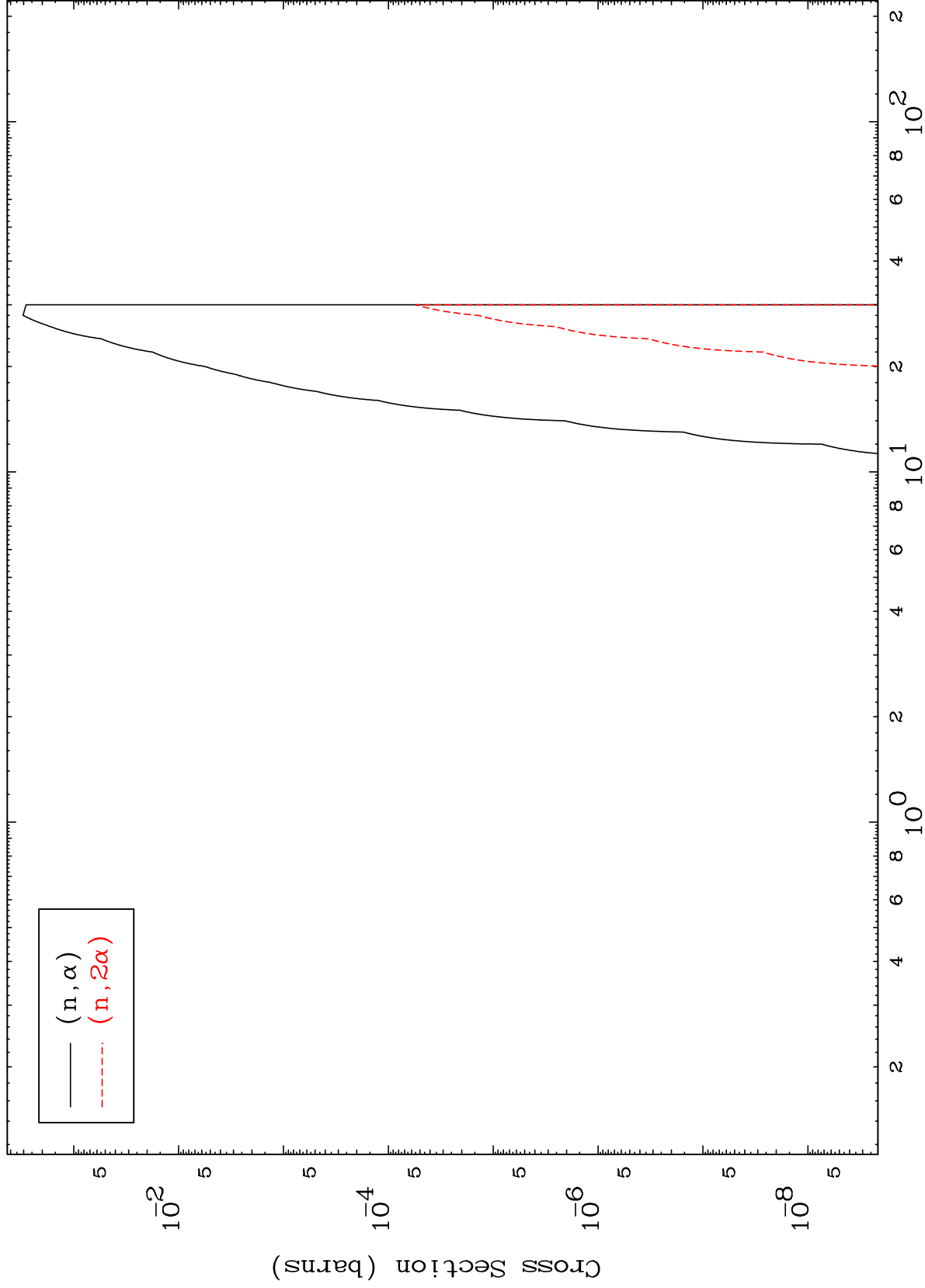
61-Pm-136m

MAT 6117

(α, α) Levels

61-Pm-136m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

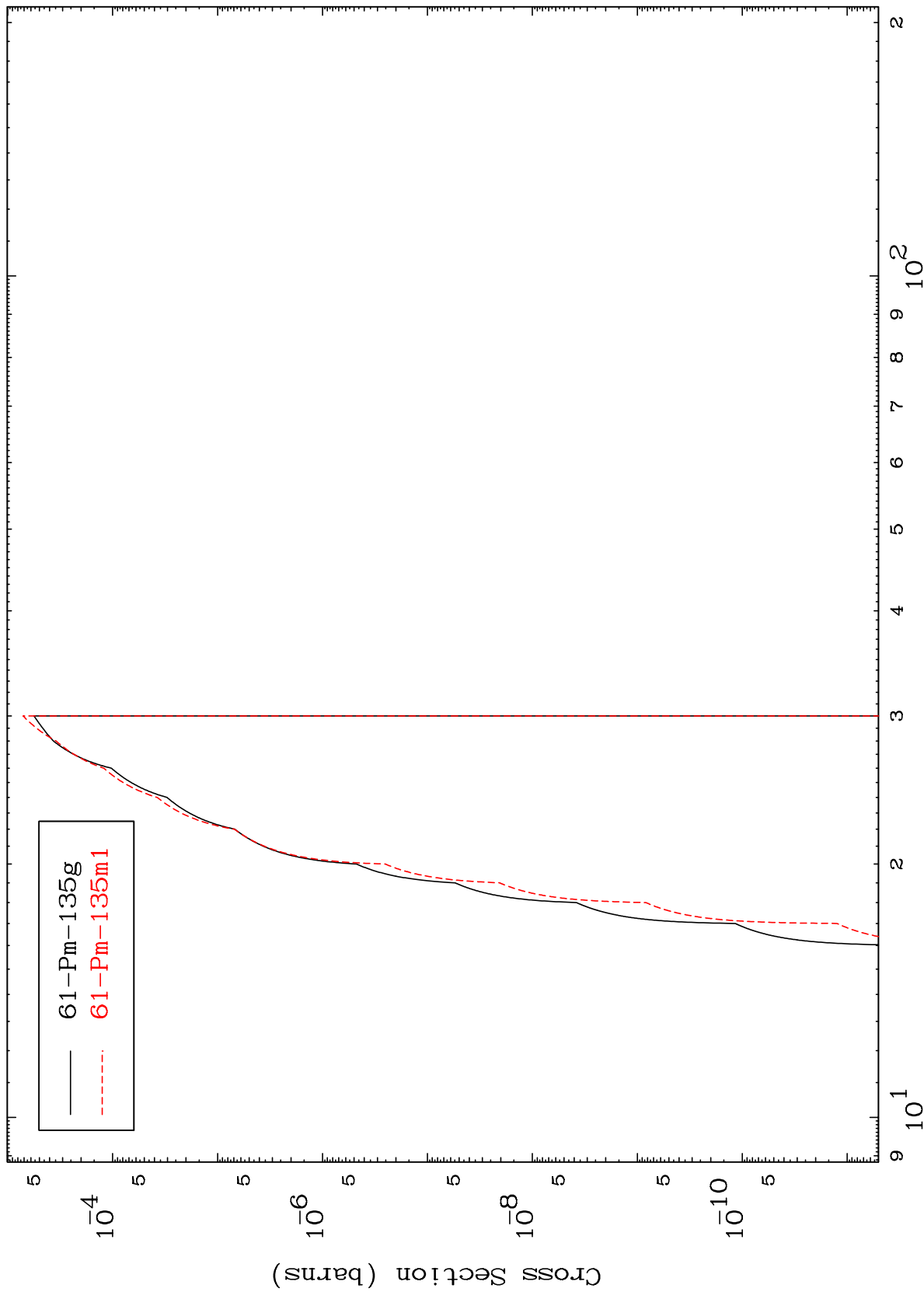
61-Pm-136m

MAT 6117

(n,n') α

61-Pm-136m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

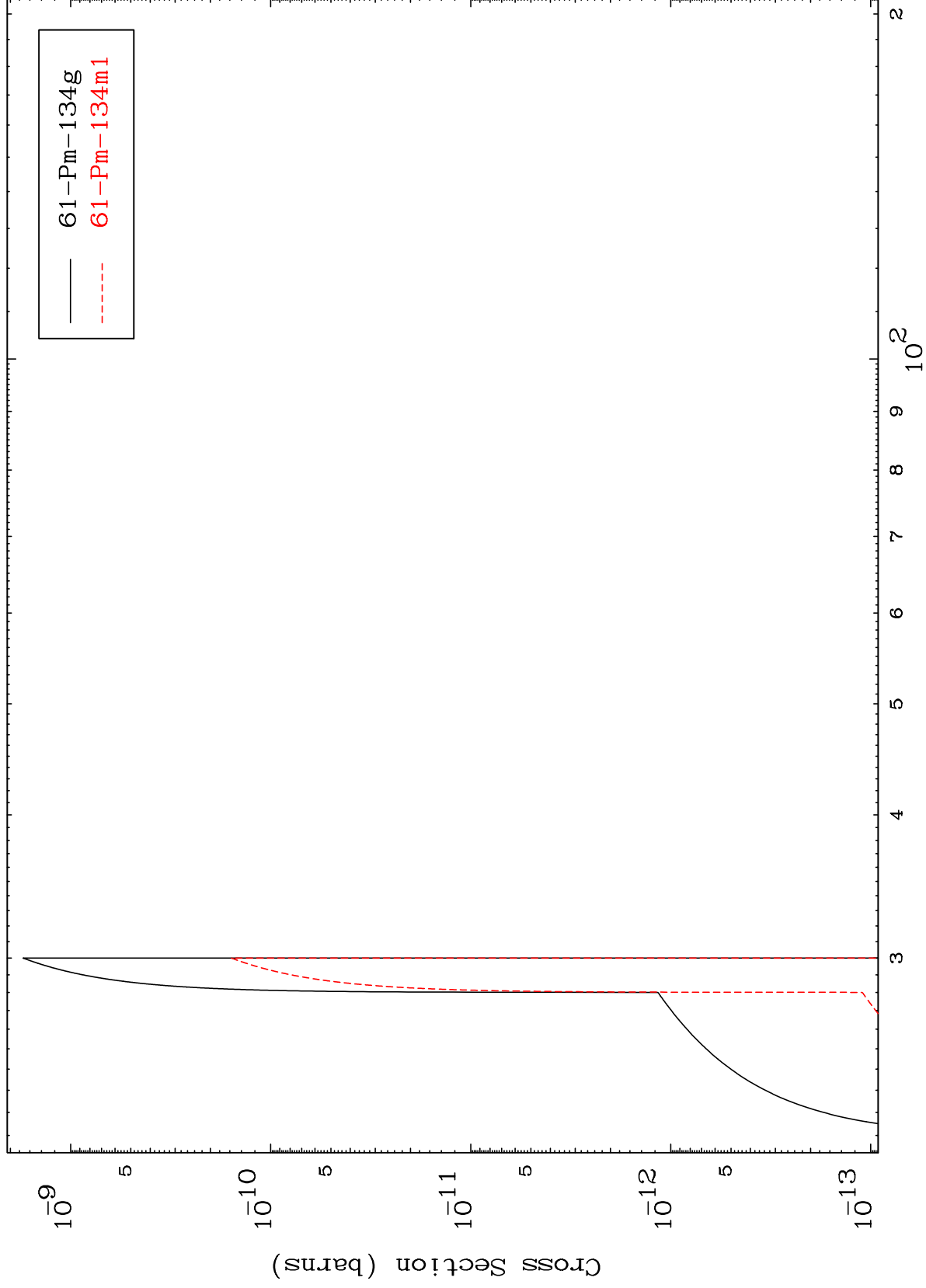
61-Pm-136m

MAT 6117

(n,2n) α

61-Pm-136m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

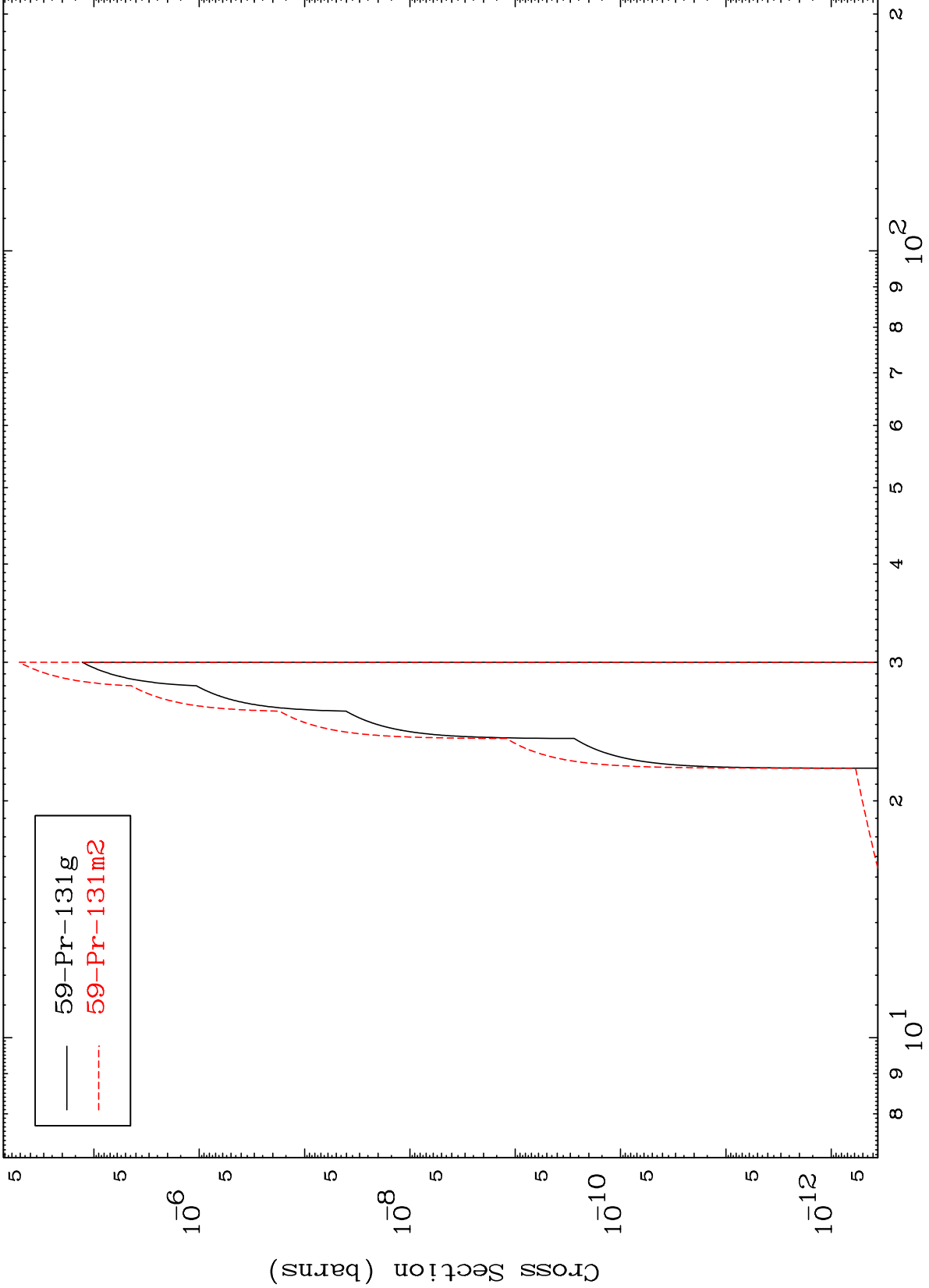
61-Pm-136m

MAT 6117

(n,n') 2α

61-Pm-136m

Radionuclide Production Cross Section



13

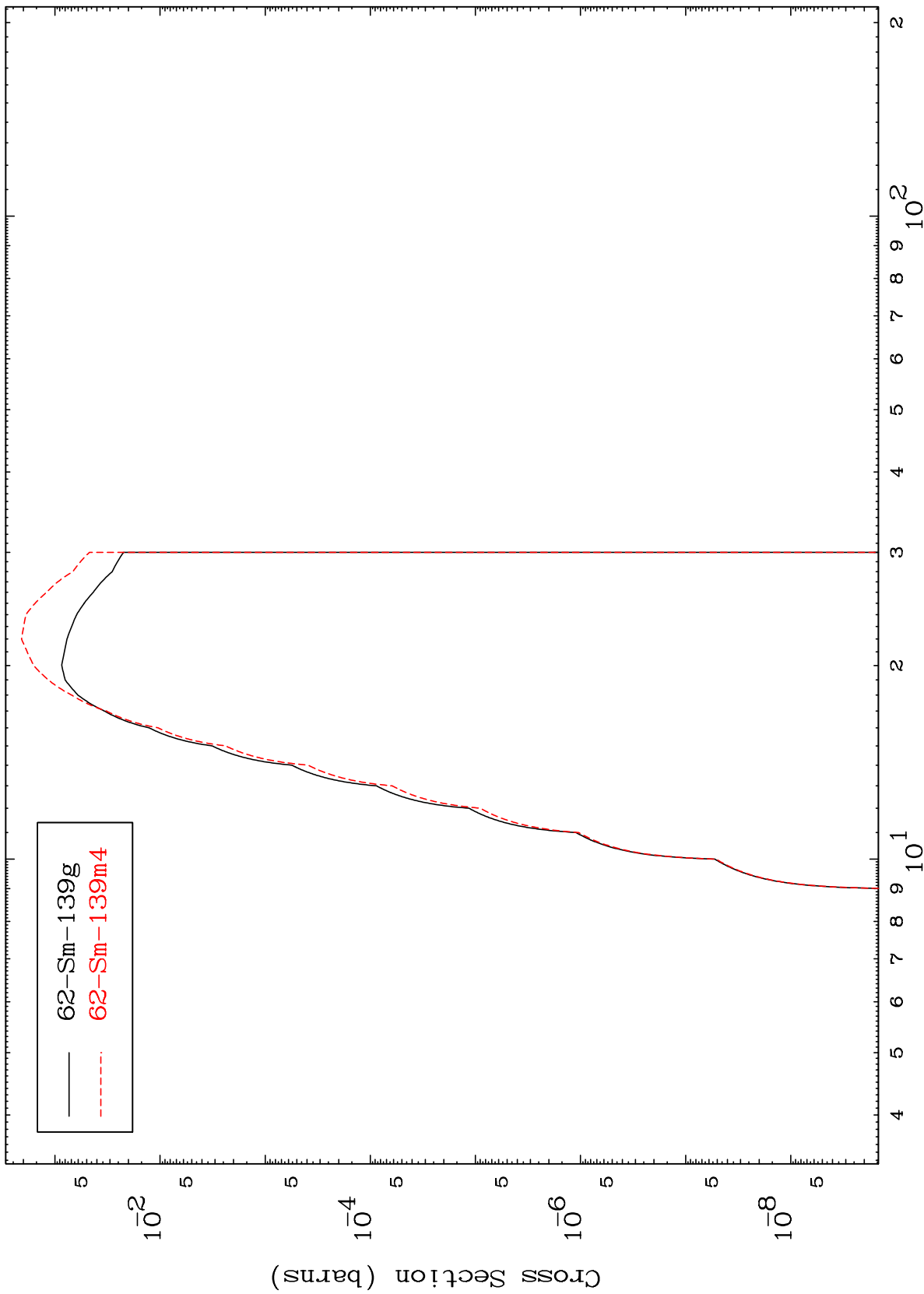
Incident Energy (MeV)

61-Pm-136m

MAT 6117

61-Pm-136m

(n,p)
Radionuclide Production Cross Section



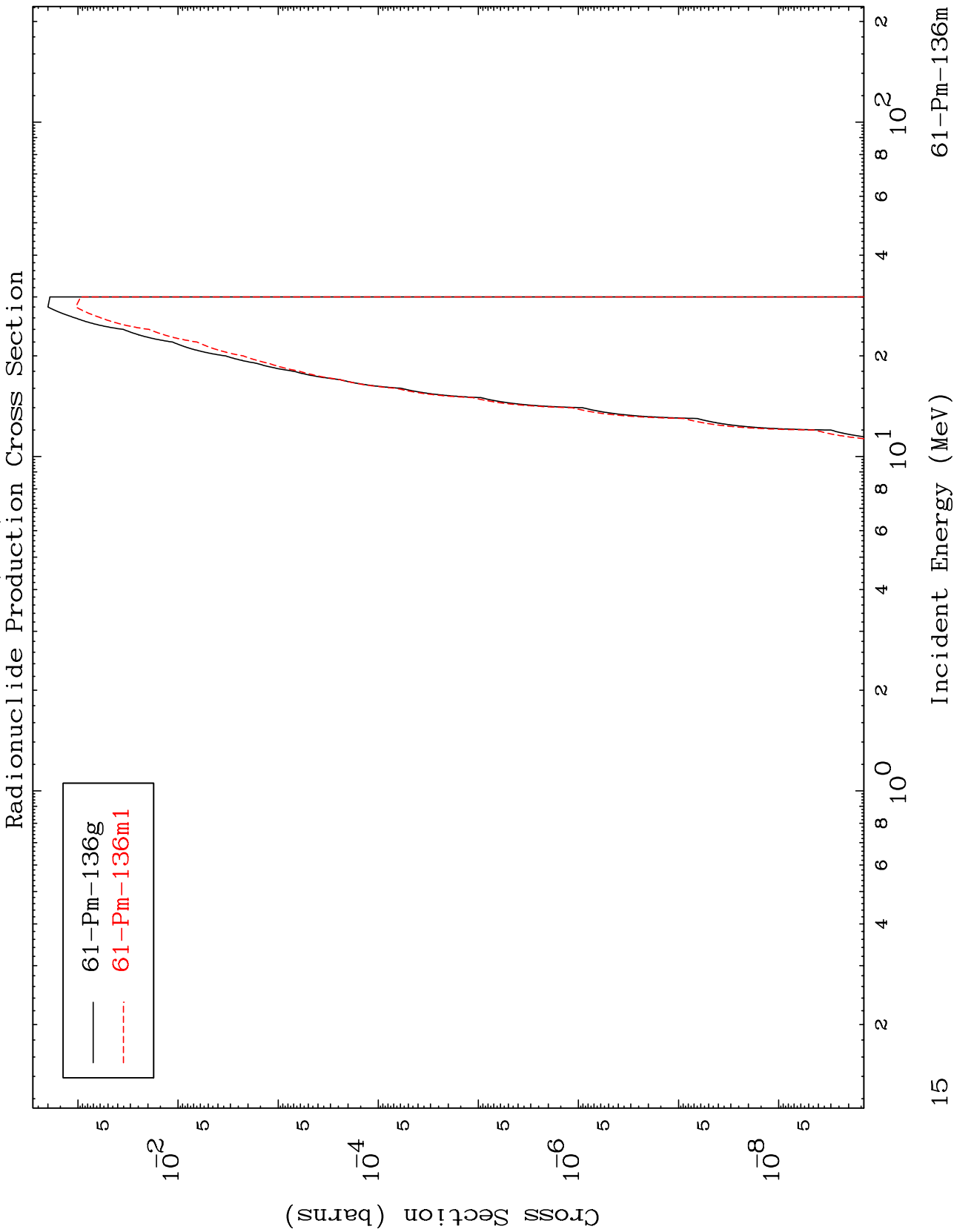
61-Pm-136m

Incident Energy (MeV)

14

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61-Pm-136m

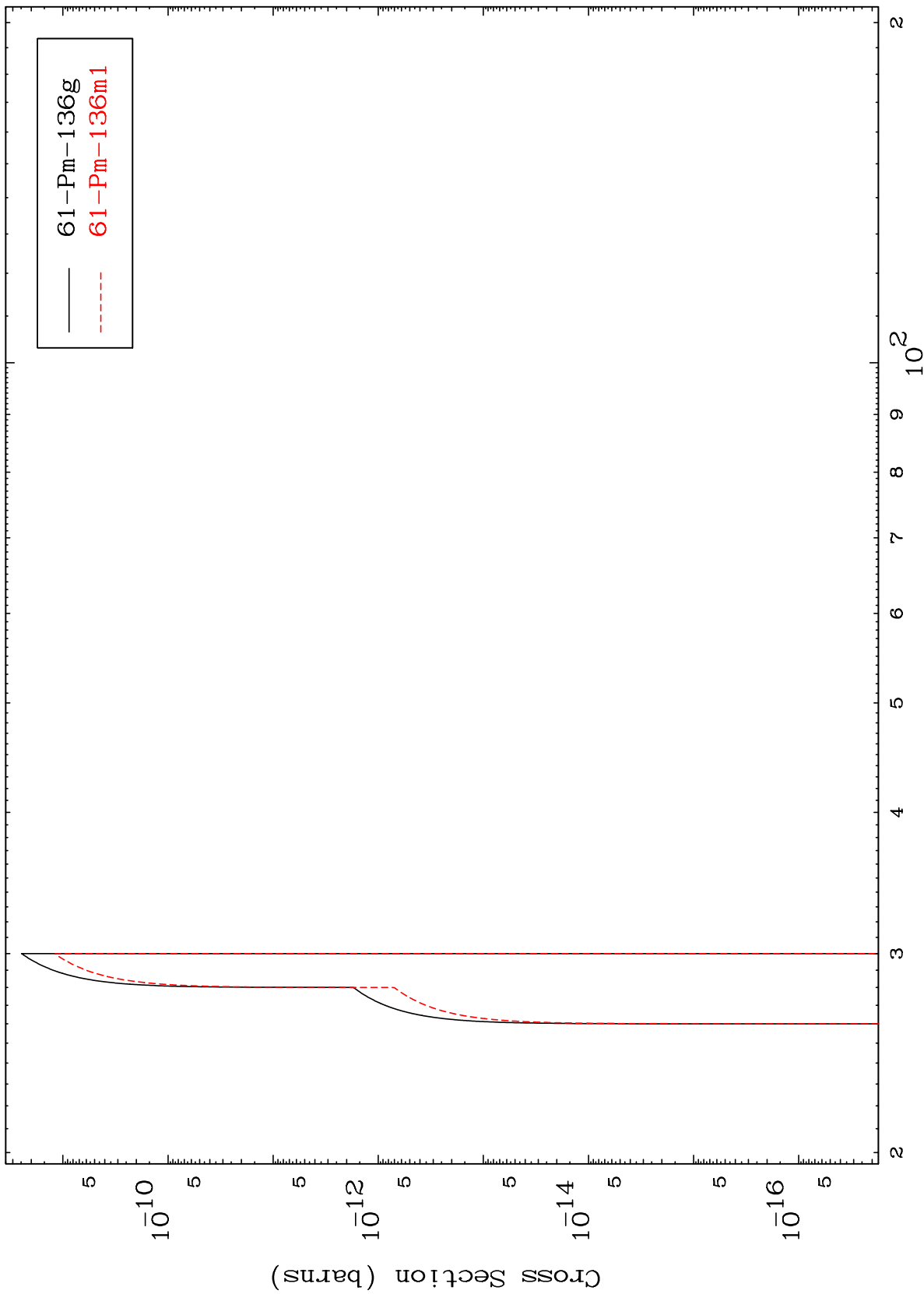


MAT 6117

(n,p) t

61-Pm-136m

Radionuclide Production Cross Section



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

16

Incident Energy (MeV)

61-Pm-136m