

Program EVALPLOT
(Version 2021-1)

by

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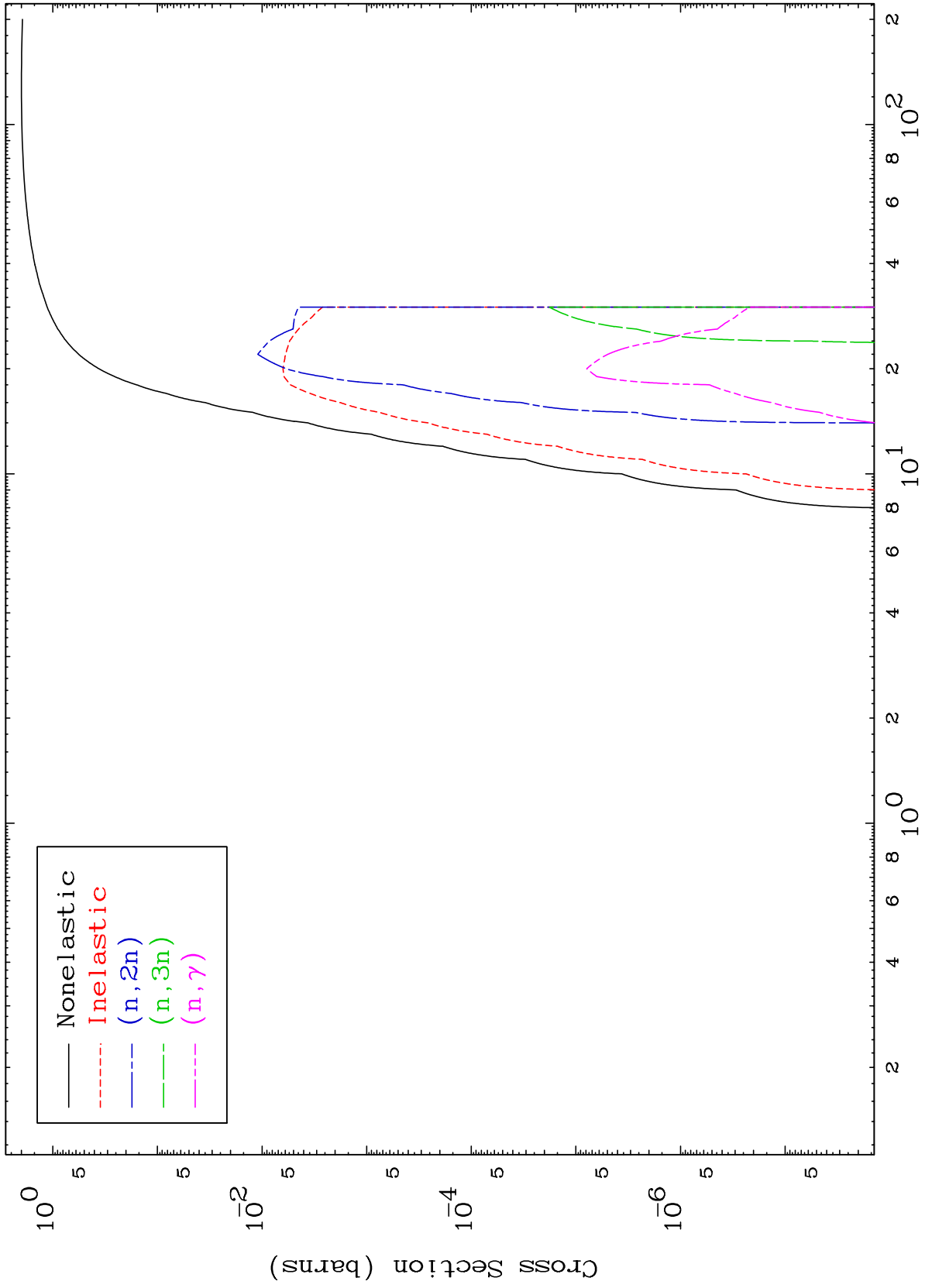
Press Mouse Button to Start

MAT 6119

He-3 Major

61-Pm-137

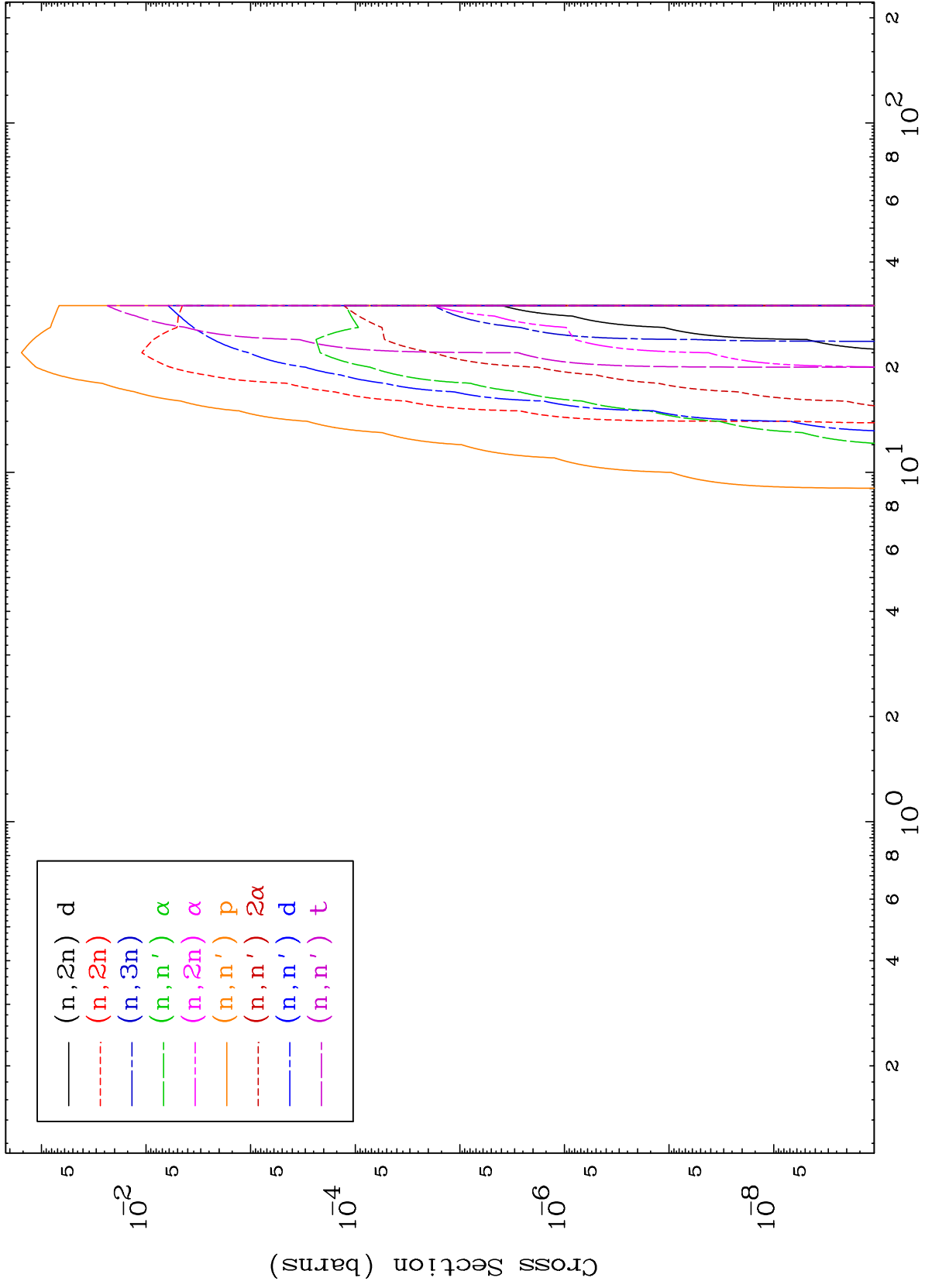
0 Kelvin Cross Sections



MAT 6119

He-3 Neutron Absorption
0 Kelvin Cross Sections

61-Pm-137



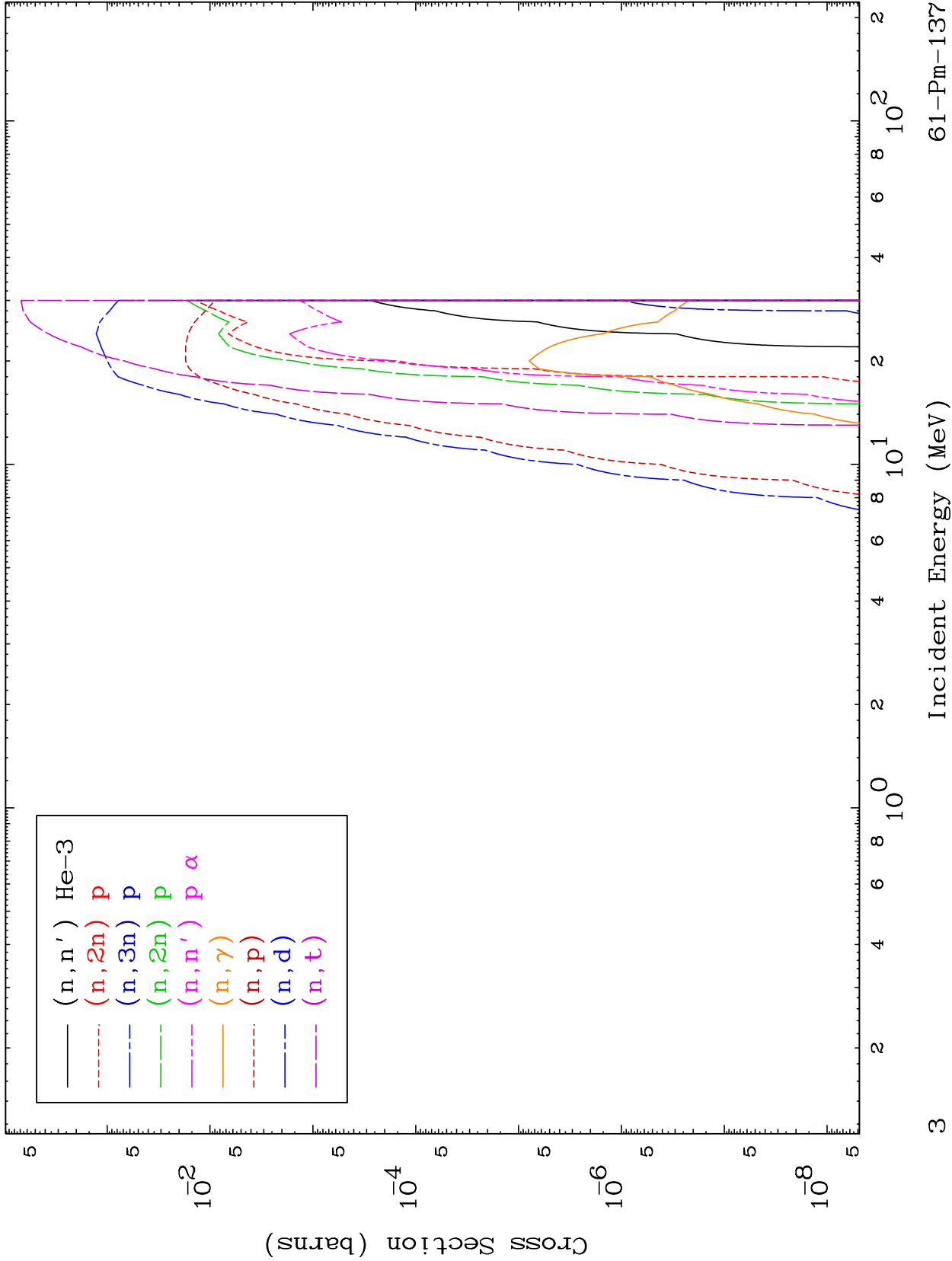
61-Pm-137

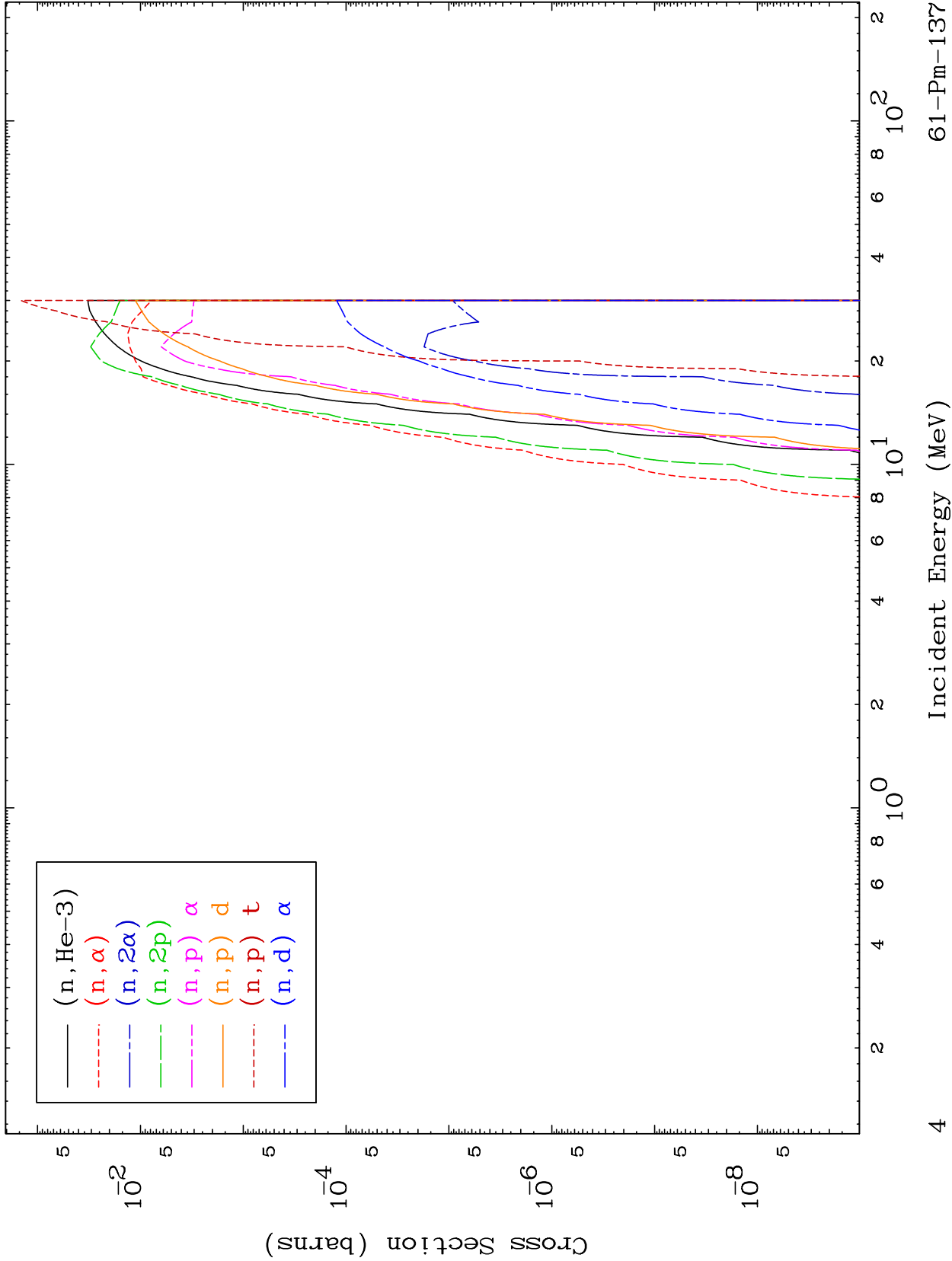
Incident Energy (MeV)

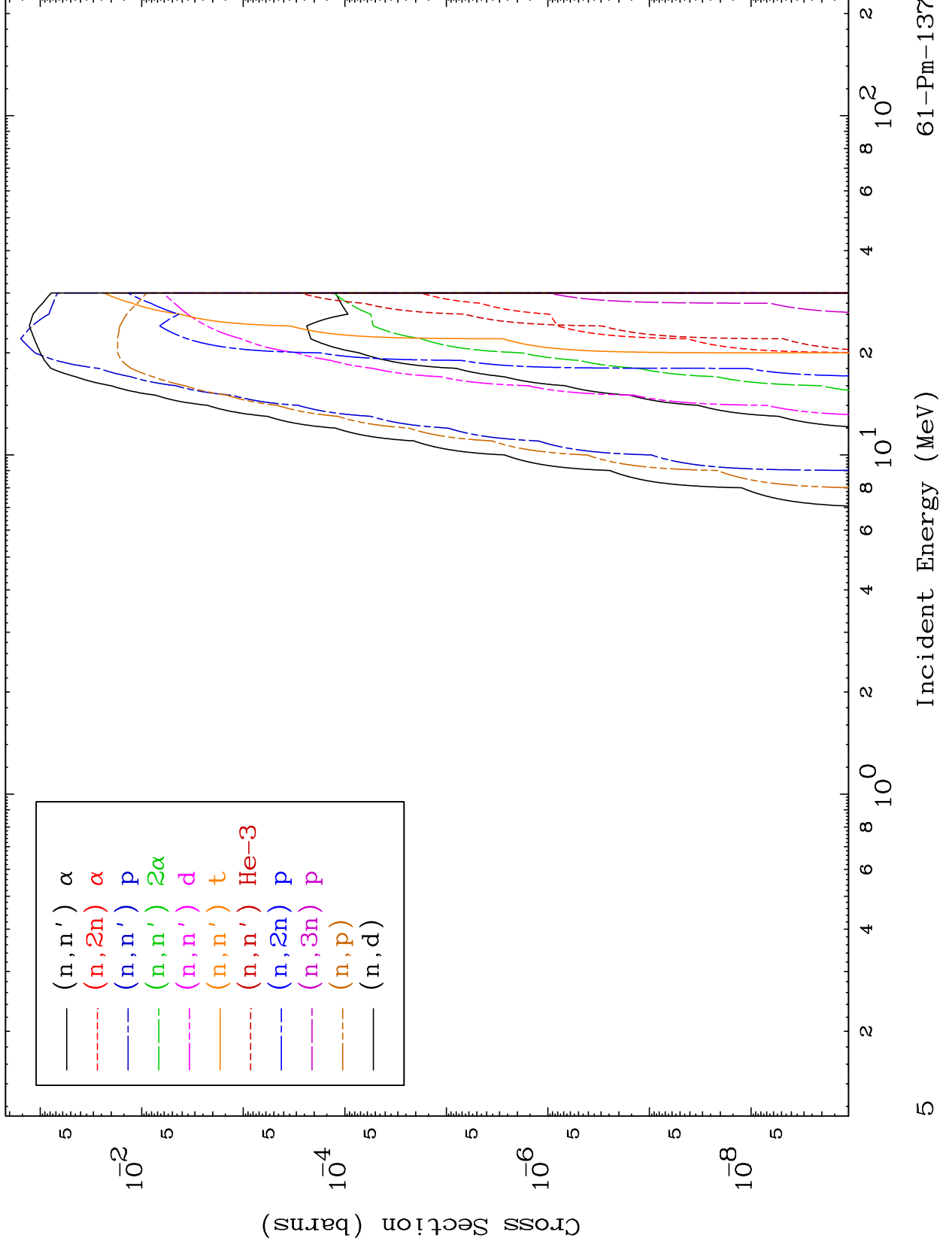
MAT 6119

He-3 Neutron Absorption
0 Kelvin Cross Sections

61-Pm-137



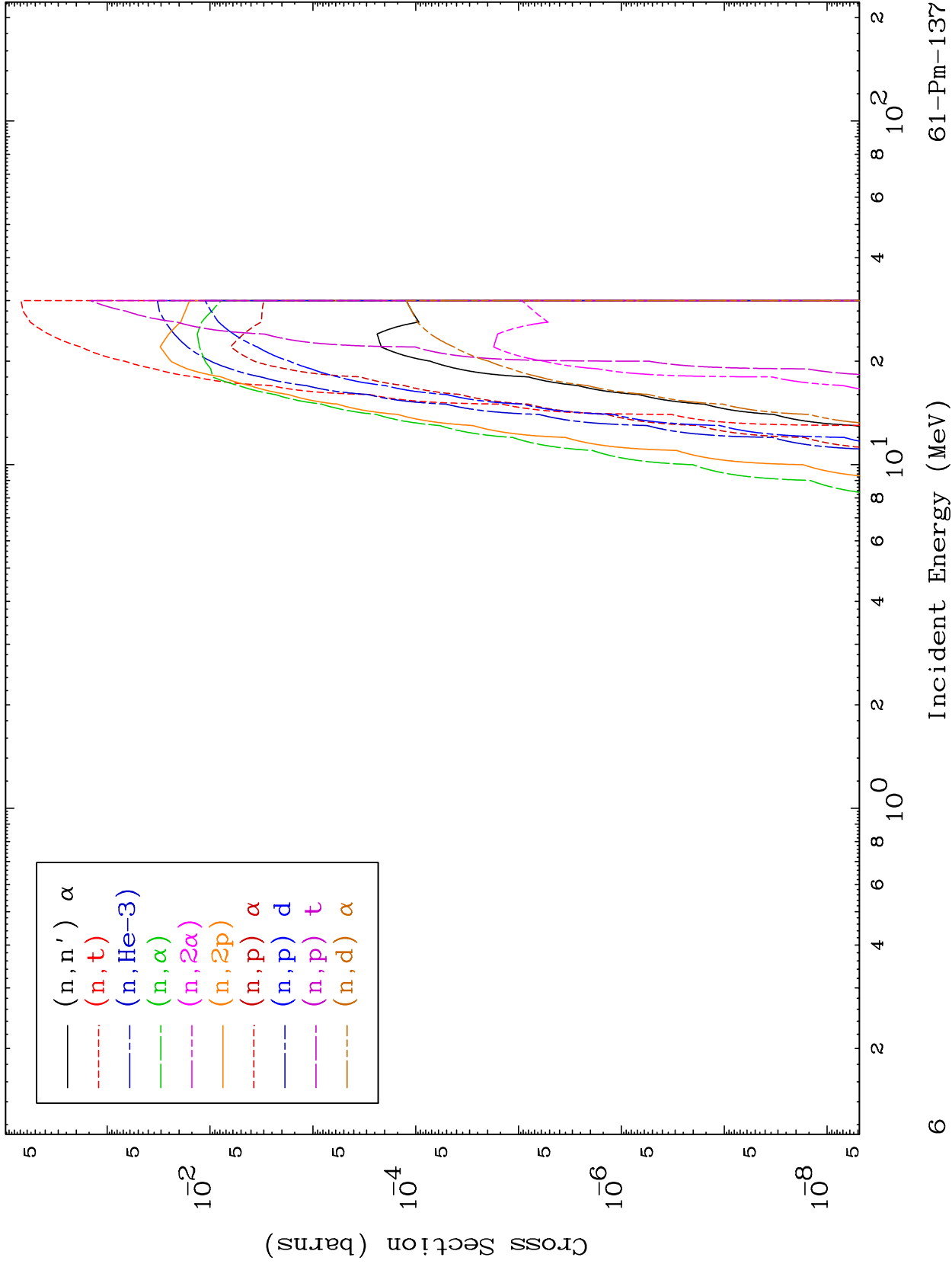




MAT 6119

He-3 Charged Particle
0 Kelvin Cross Sections

61-Pm-137

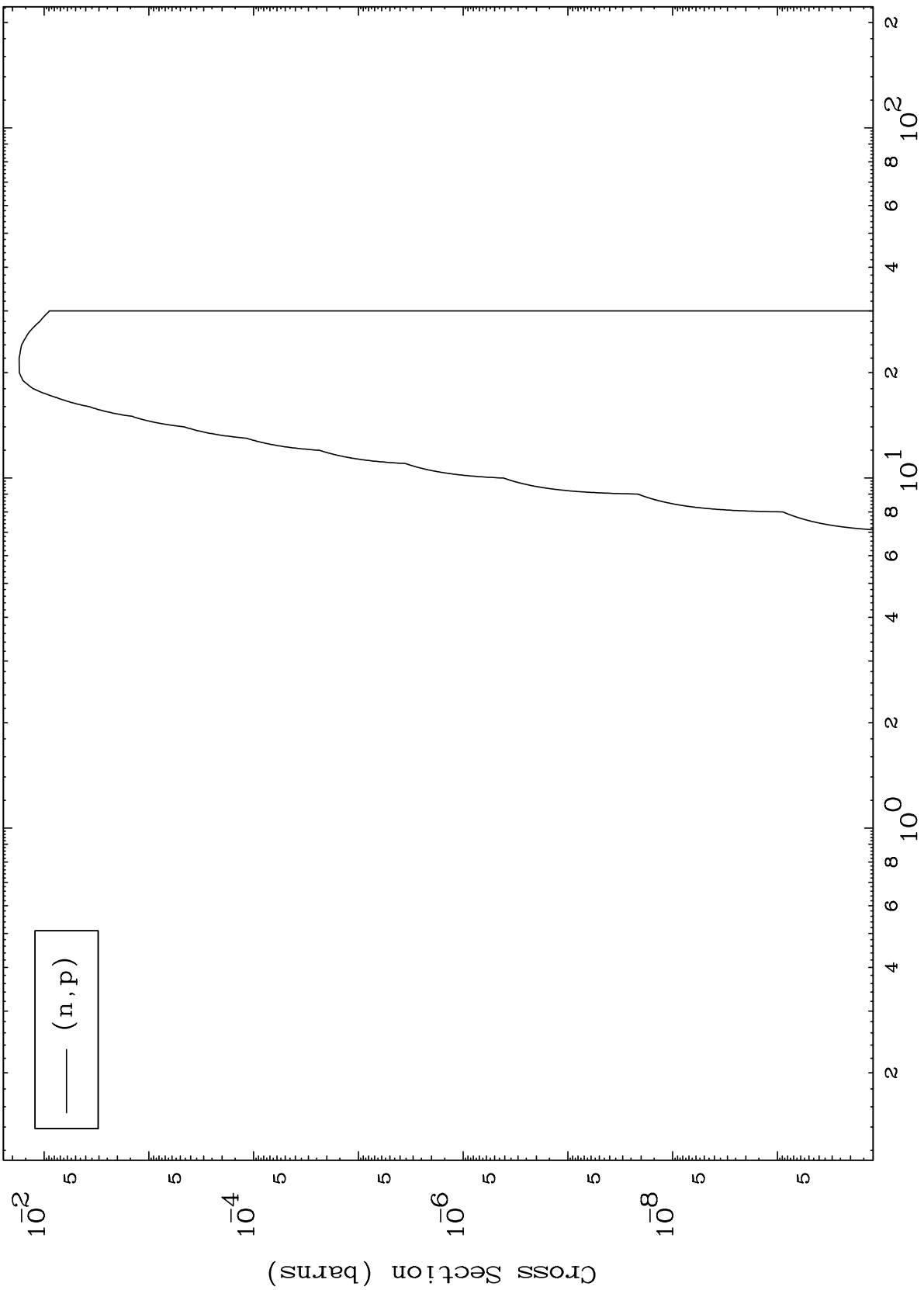


MAT 6119

(He-3,p) Levels

61-Pm-137

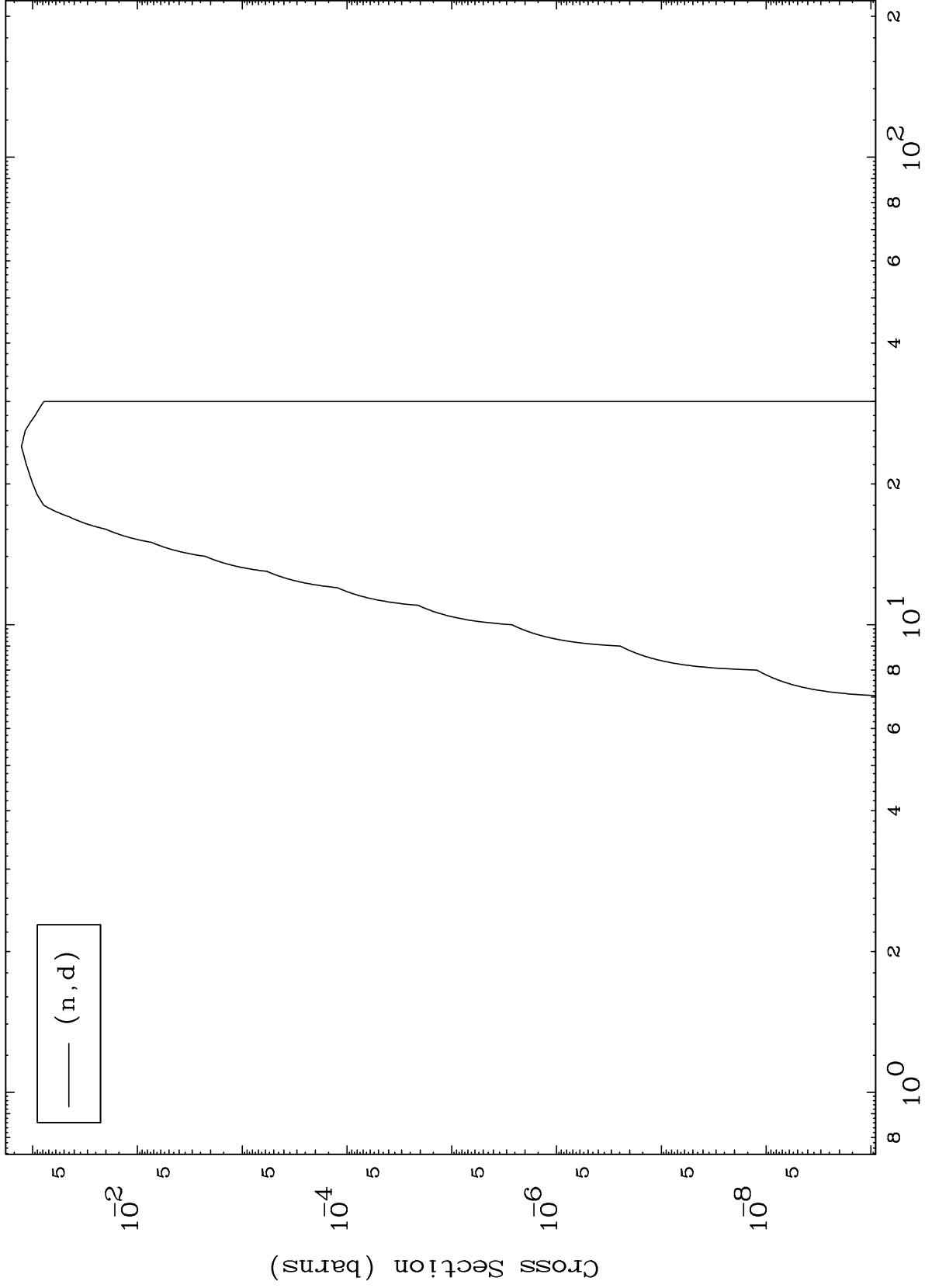
0 Kelvin Cross Sections



MAT 6119

(He-3,d) Levels
0 Kelvin Cross Sections

61-Pm-137



8

Incident Energy (MeV)

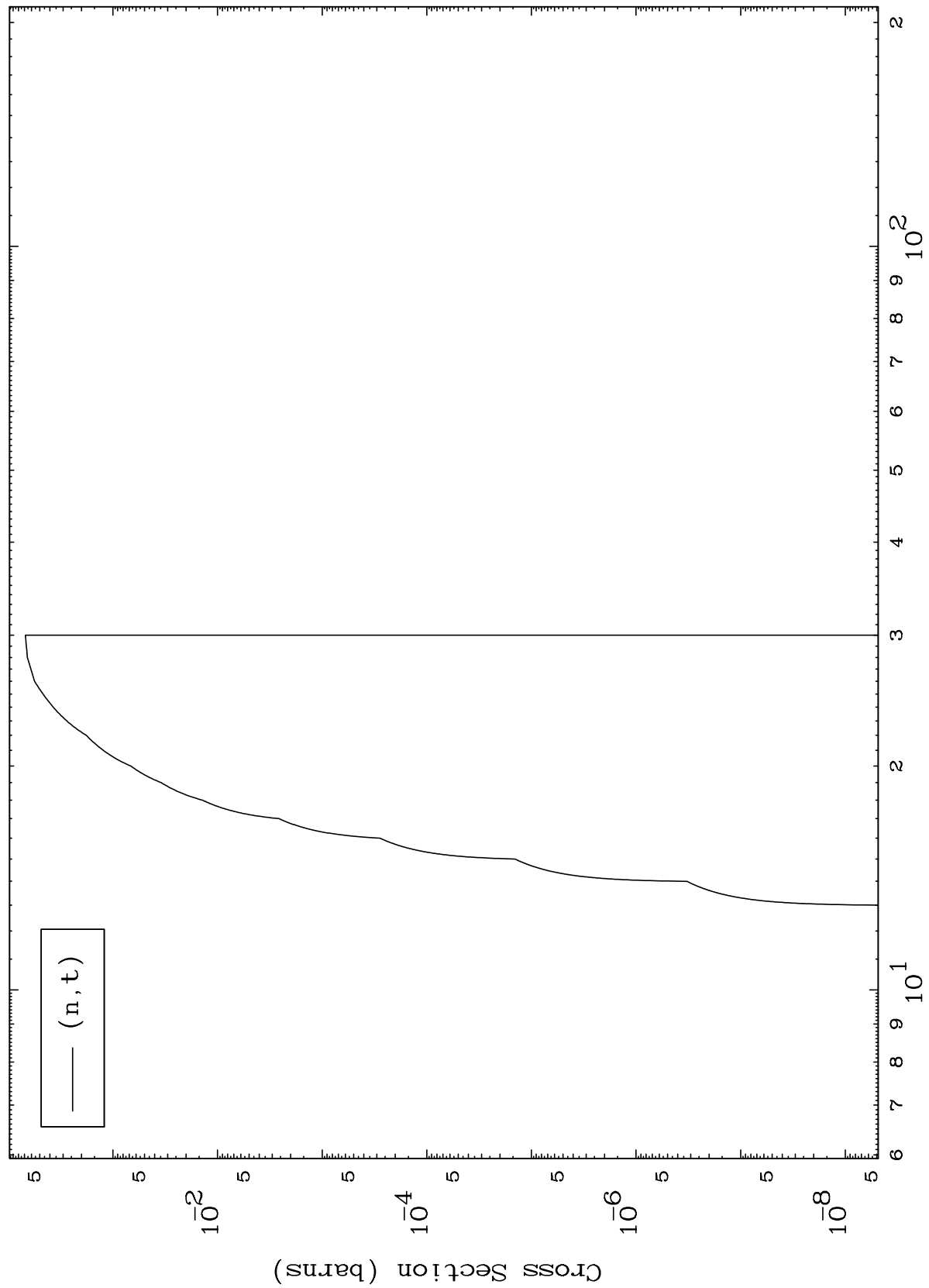
61-Pm-137

MAT 6119

(He-3,t) Levels

61-Pm-137

0 Kelvin Cross Sections



9

Incident Energy (MeV)

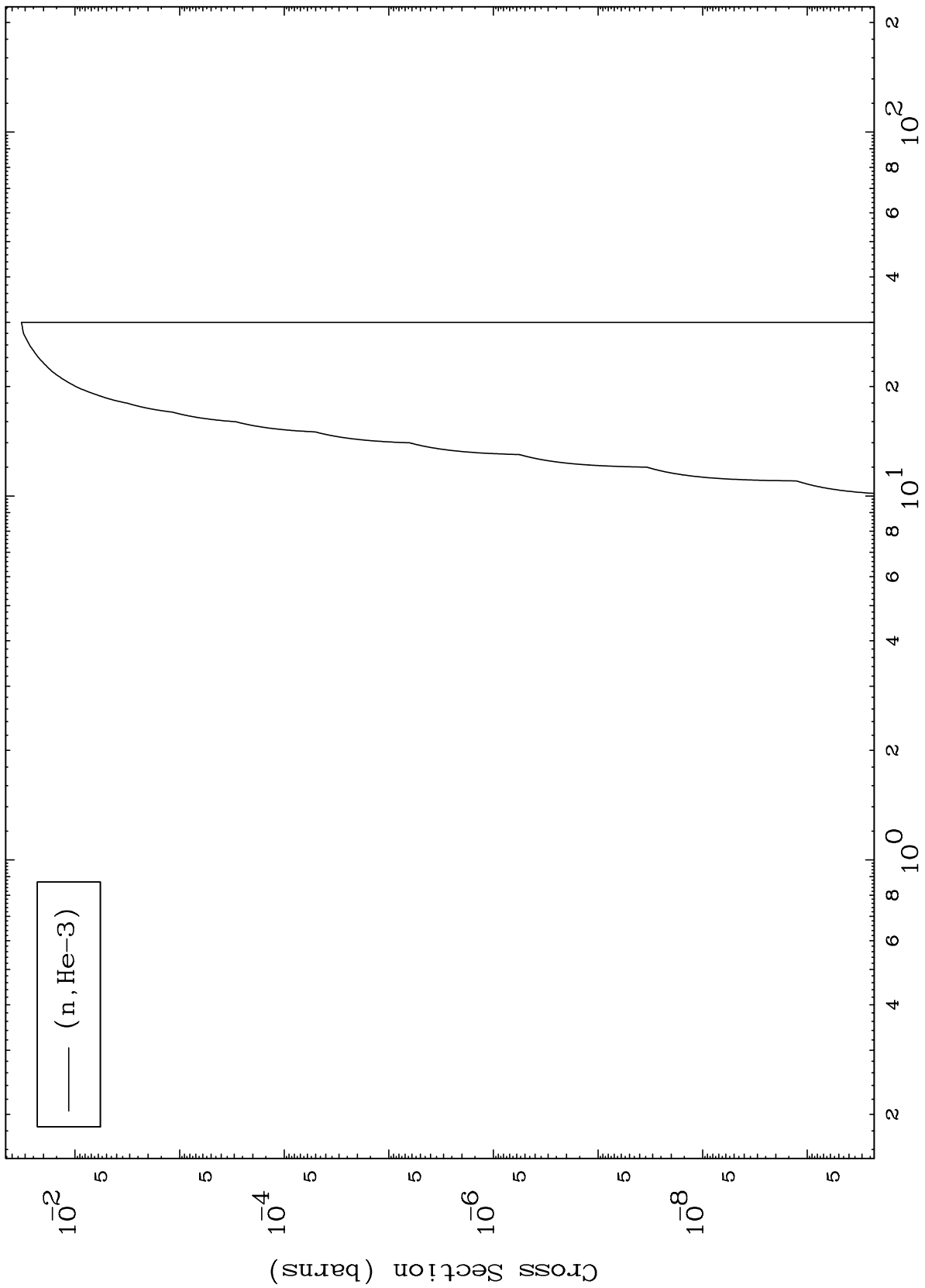
61-Pm-137

MAT 6119

(He-3, He3) Levels

61-Pm-137

0 Kelvin Cross Sections



10

Incident Energy (MeV)

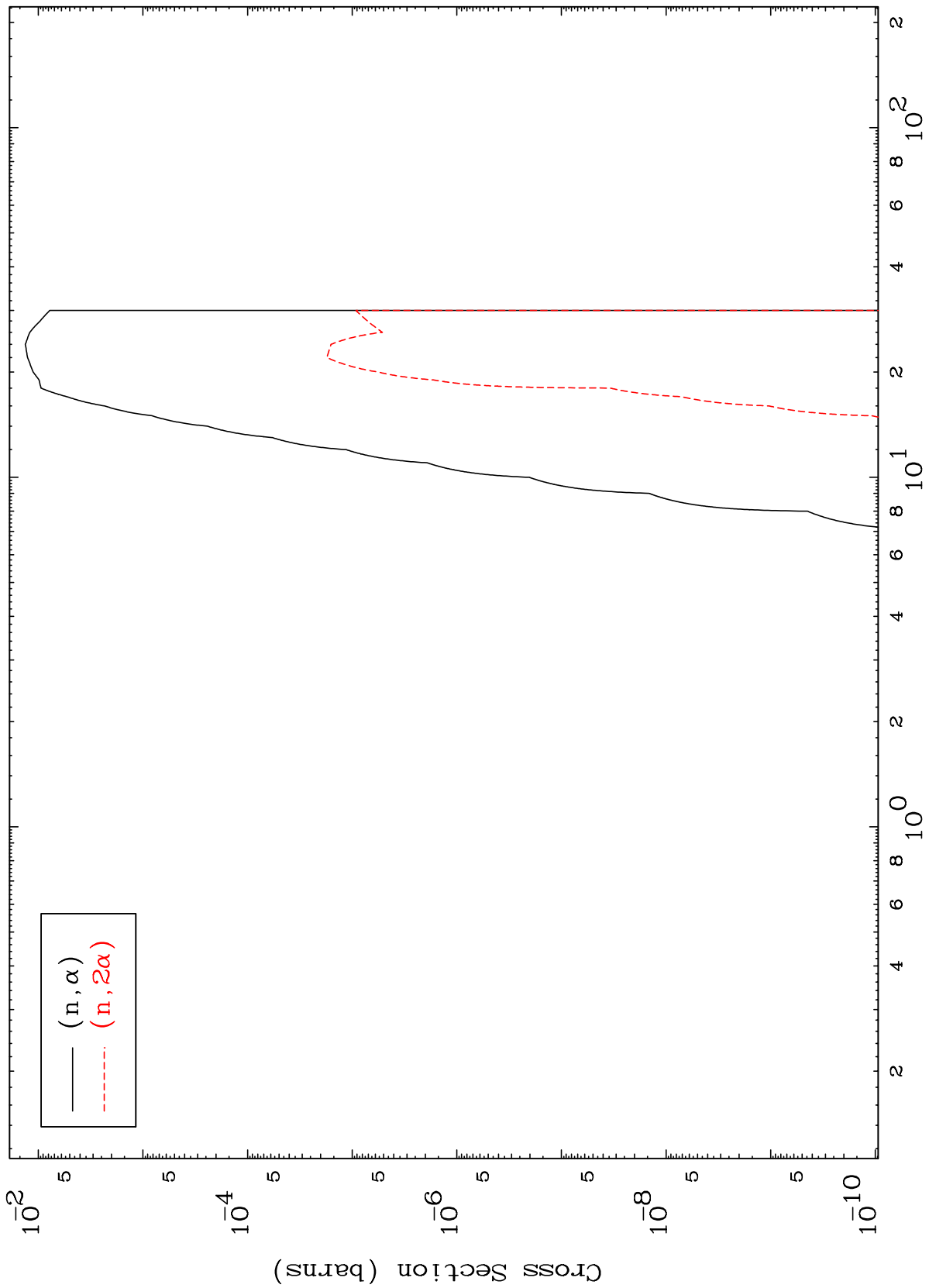
61-Pm-137

MAT 6119

(He-3, α) Levels

61-Pm-137

0 Kelvin Cross Sections



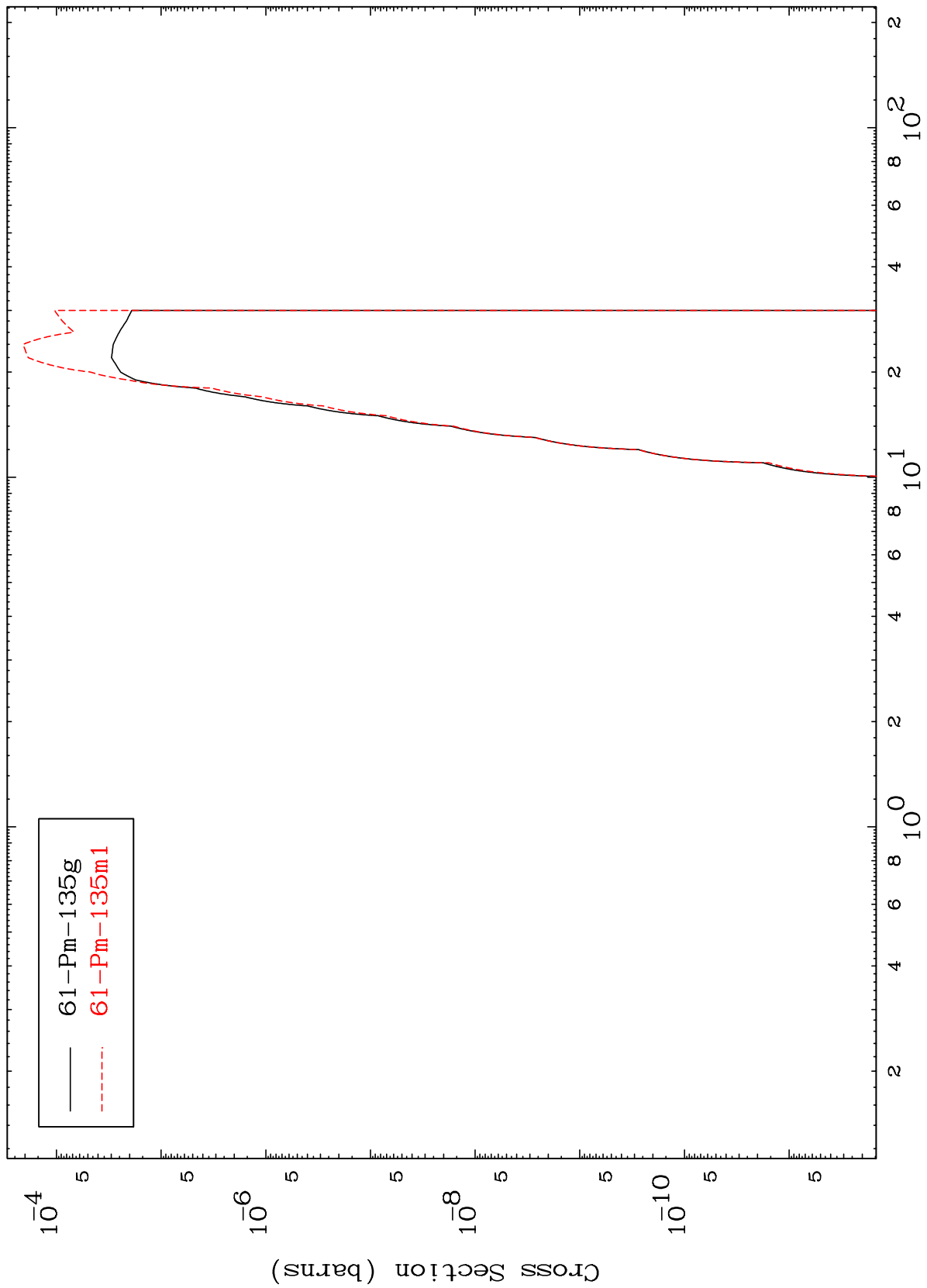
— (n, α)
- - - $(n, 2\alpha)$

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$(n, n') \alpha$

61-Pm-137

Radionuclide Production Cross Section



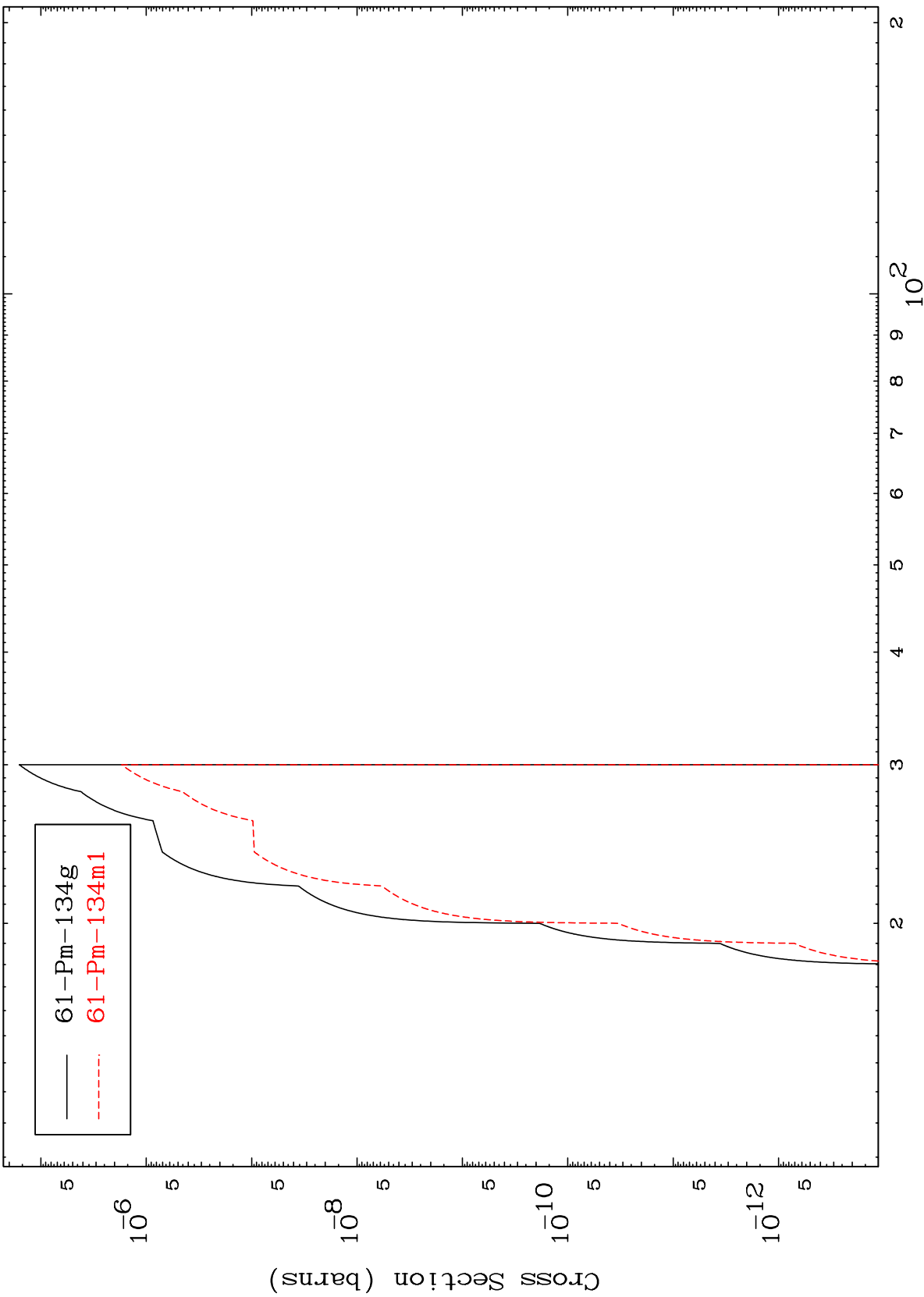
61-Pm-135g
61-Pm-135m1

MAT 6119

(n,2n) α

61-Pm-137

Radionuclide Production Cross Section



61-Pm-134g
61-Pm-134m1

Incident Energy (MeV)

61-Pm-137

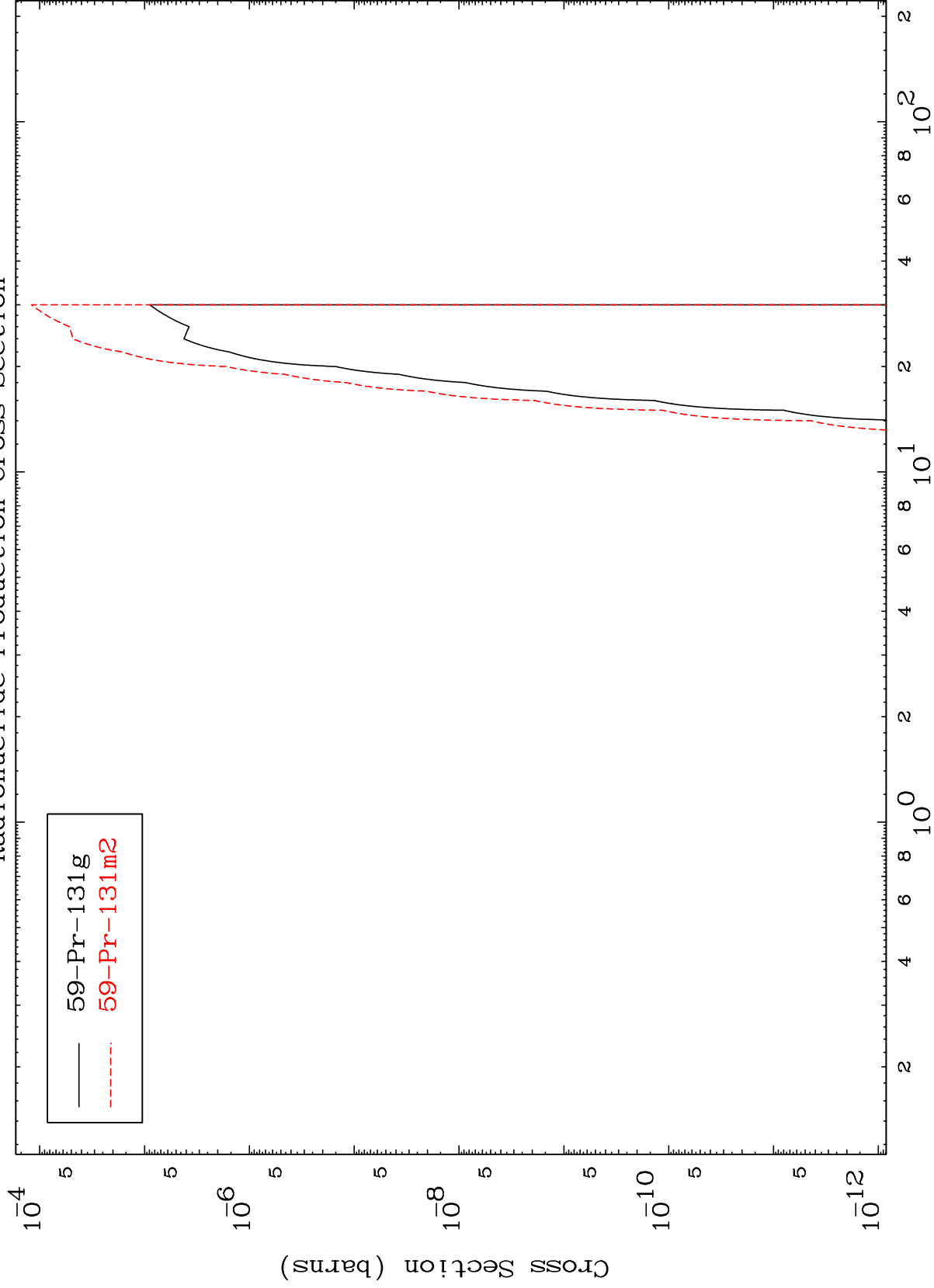
13

MAT 6119

(n,n') 2α

61-Pm-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

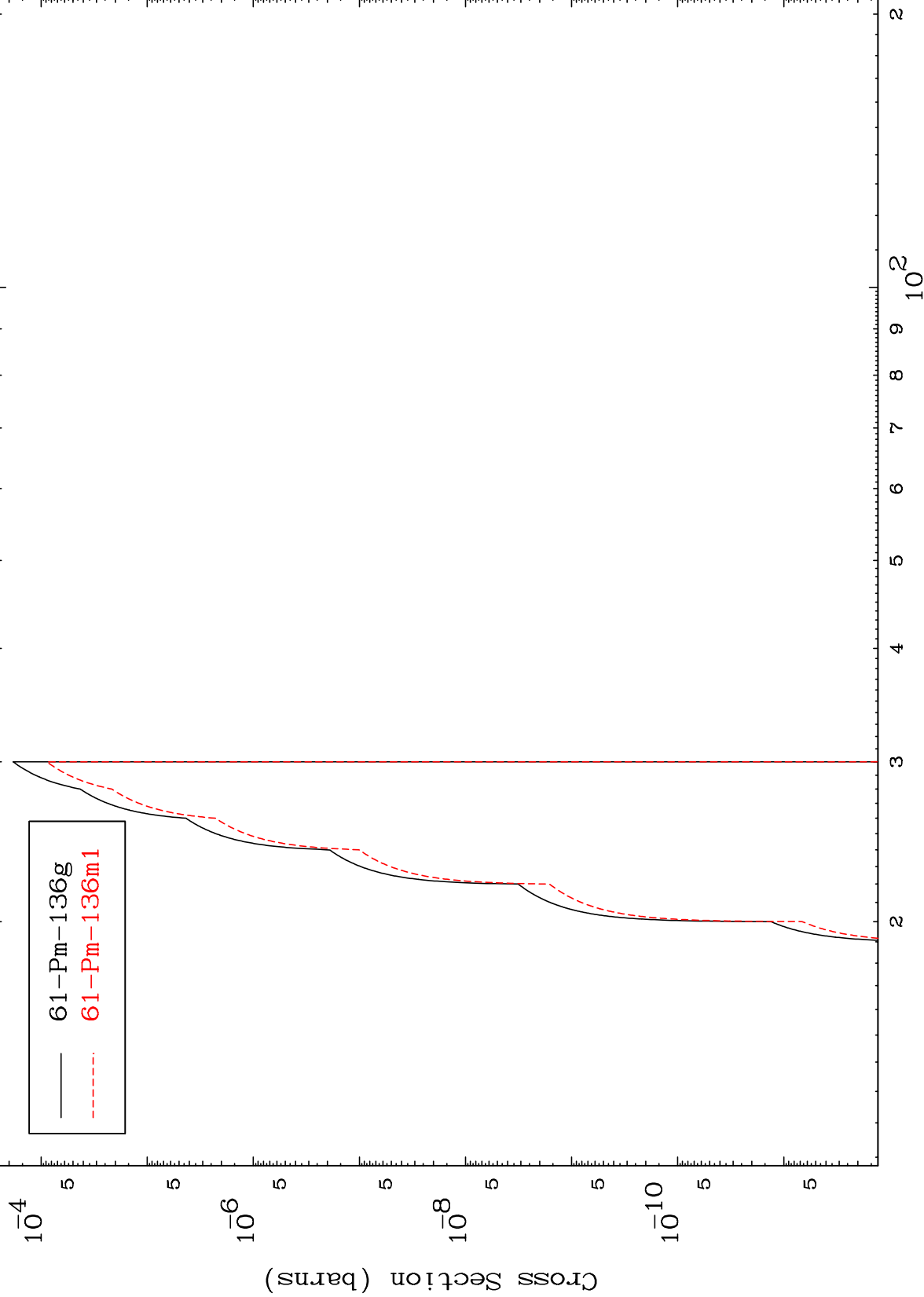
61-Pm-137

MAT 6119

(n,n') He-3

61-Pm-137

Radionuclide Production Cross Section



15

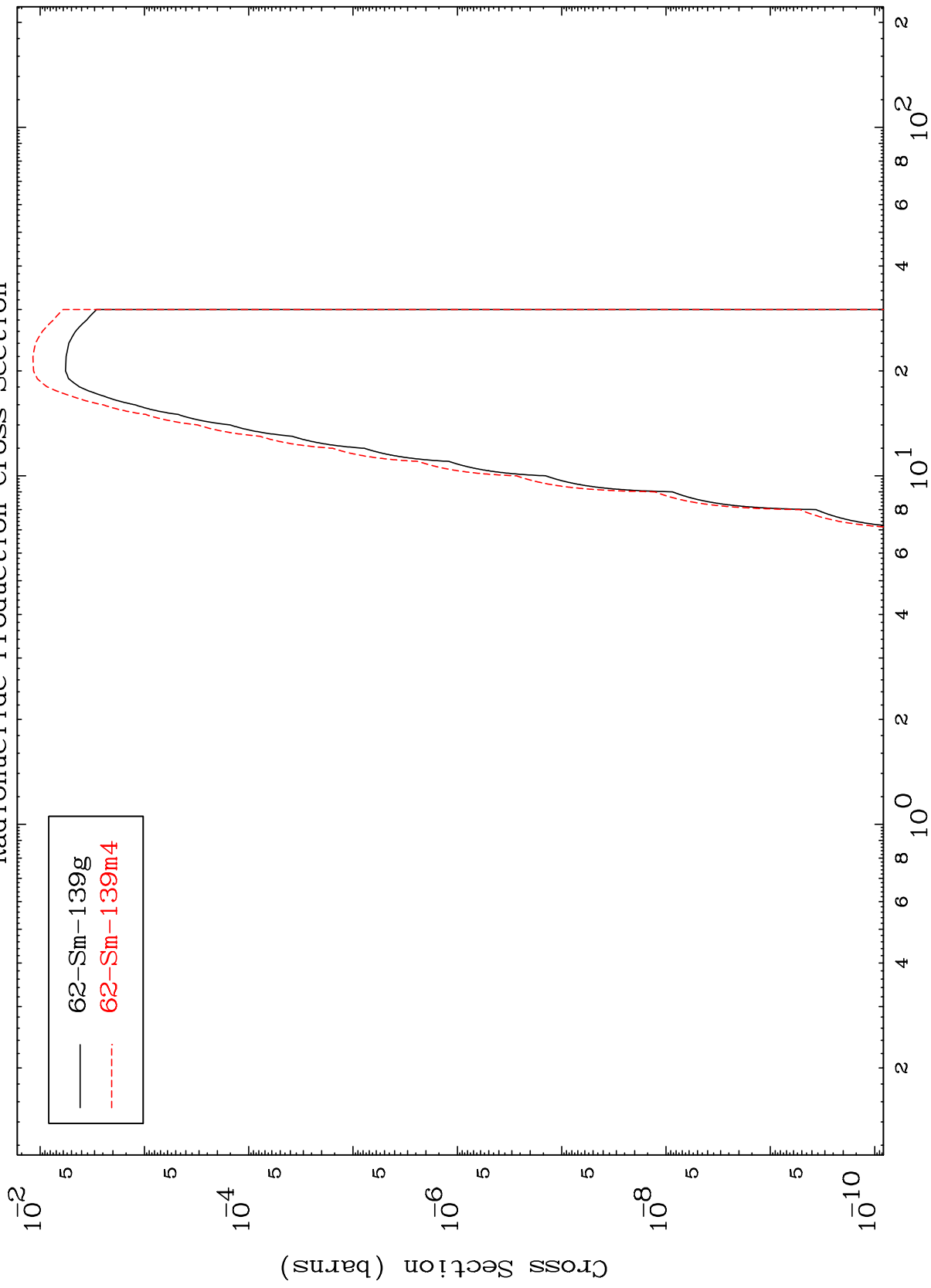
Incident Energy (MeV)

61-Pm-137

MAT 6119

61-Pm-137

(n,p)
Radionuclide Production Cross Section



Incident Energy (MeV)

61-Pm-137

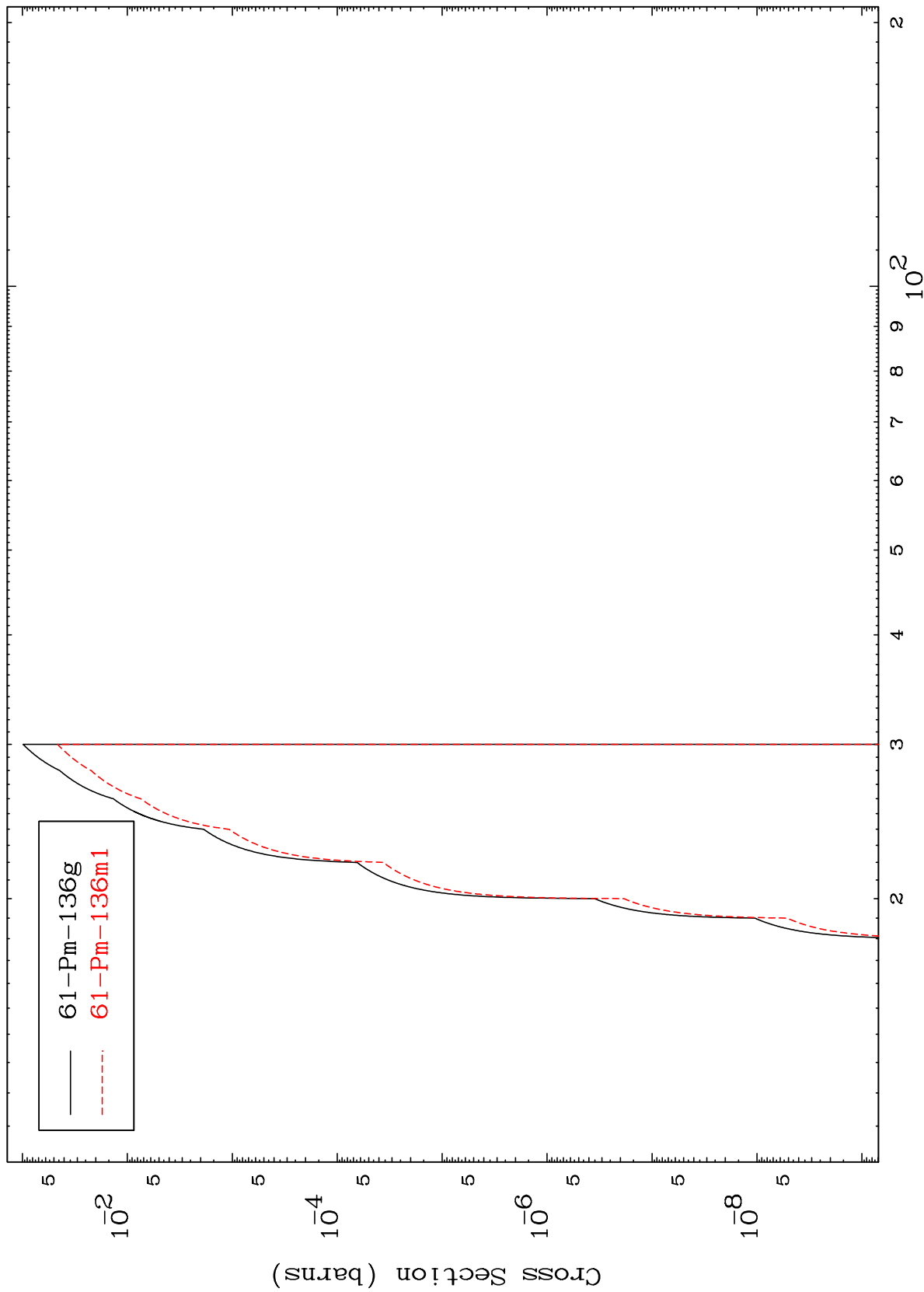
16

MAT 6119

(n,p) t

61-Pm-137

Radionuclide Production Cross Section



18

Incident Energy (MeV)

61-Pm-137