

Program EVALPLOT
(Version 2021-1)

by

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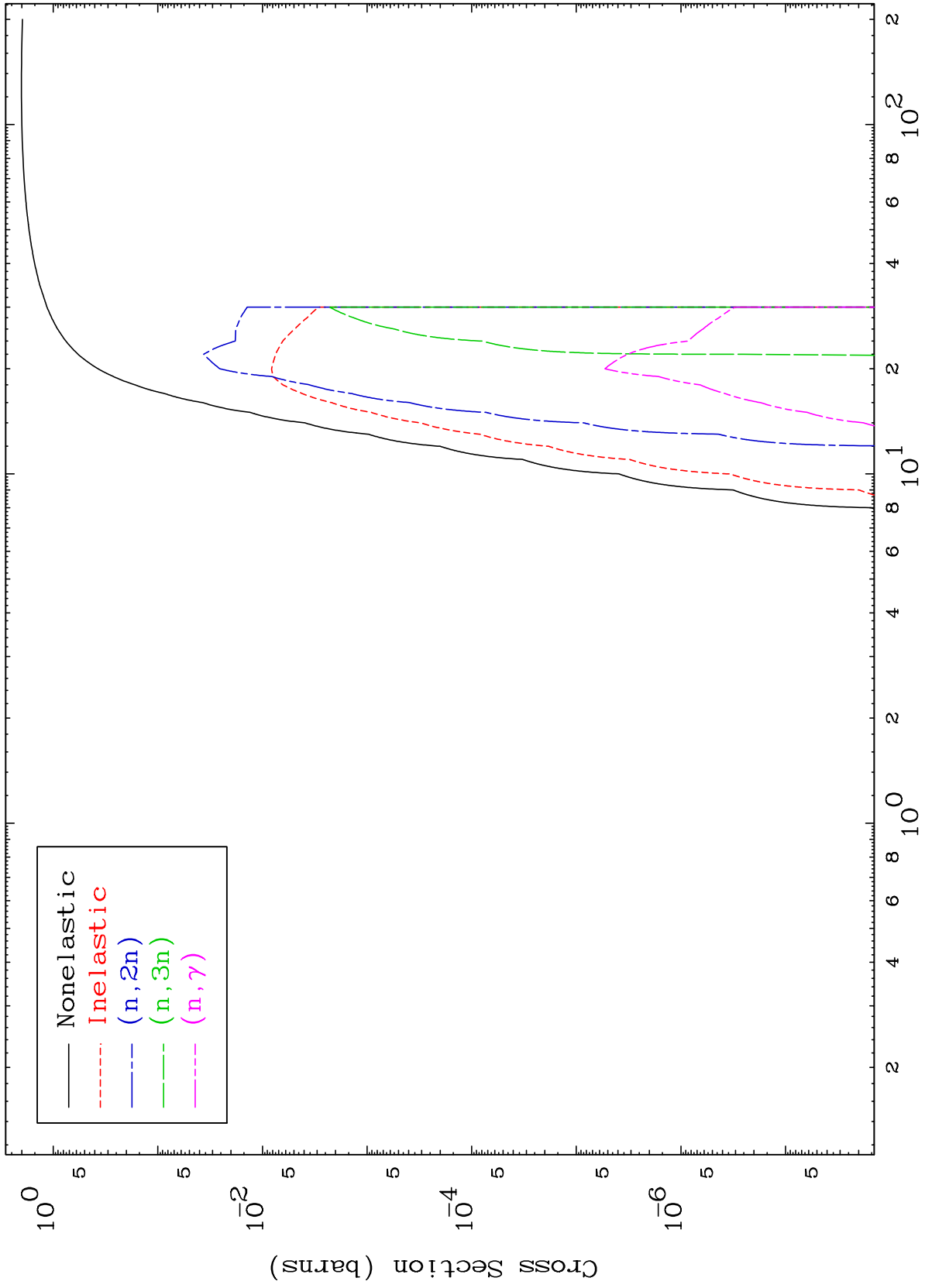
Press Mouse Button to Start

MAT 6125

He-3 Major

61-Pm-139

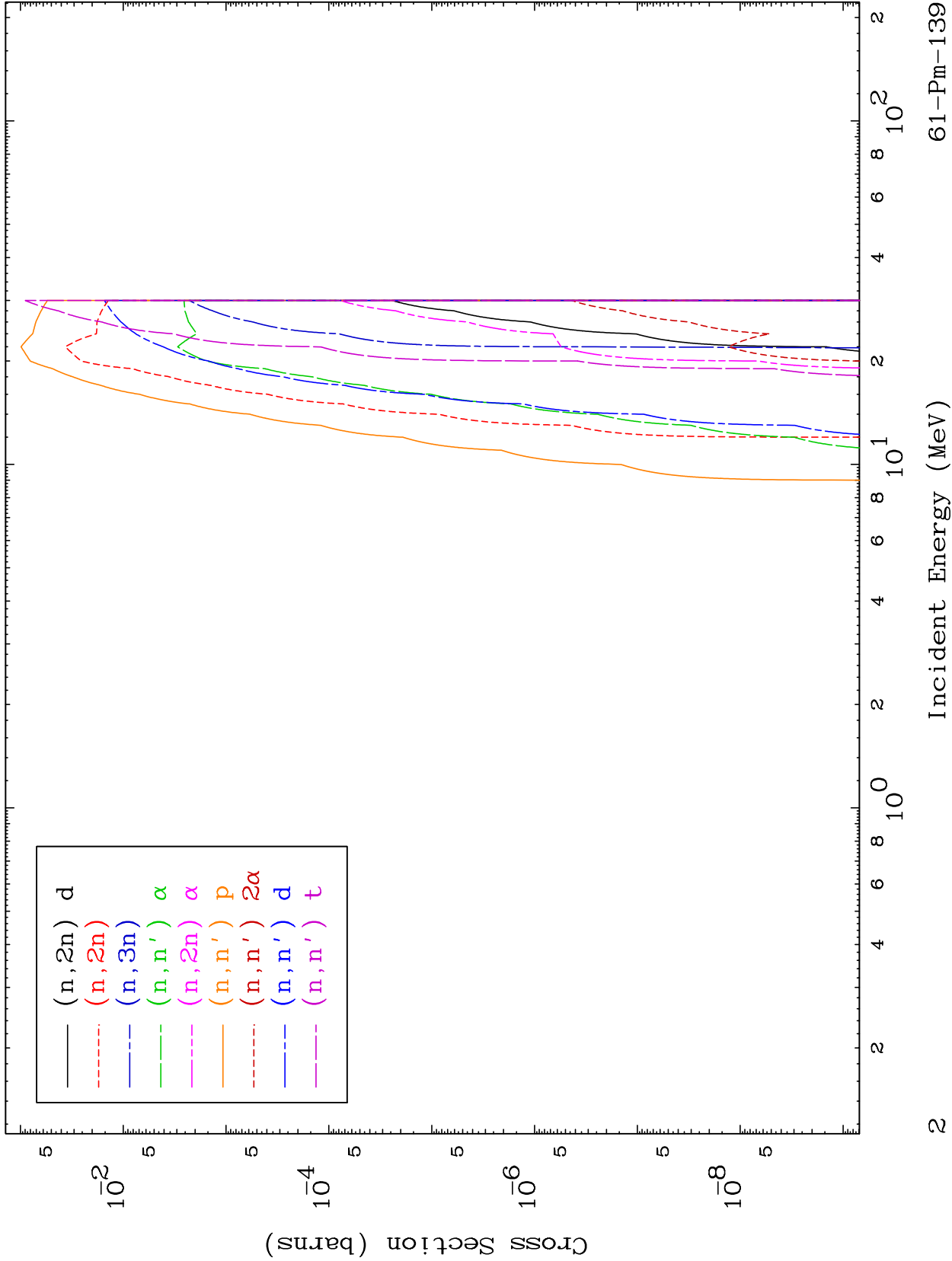
0 Kelvin Cross Sections



MAT 6125

He-3 Neutron Absorption
0 Kelvin Cross Sections

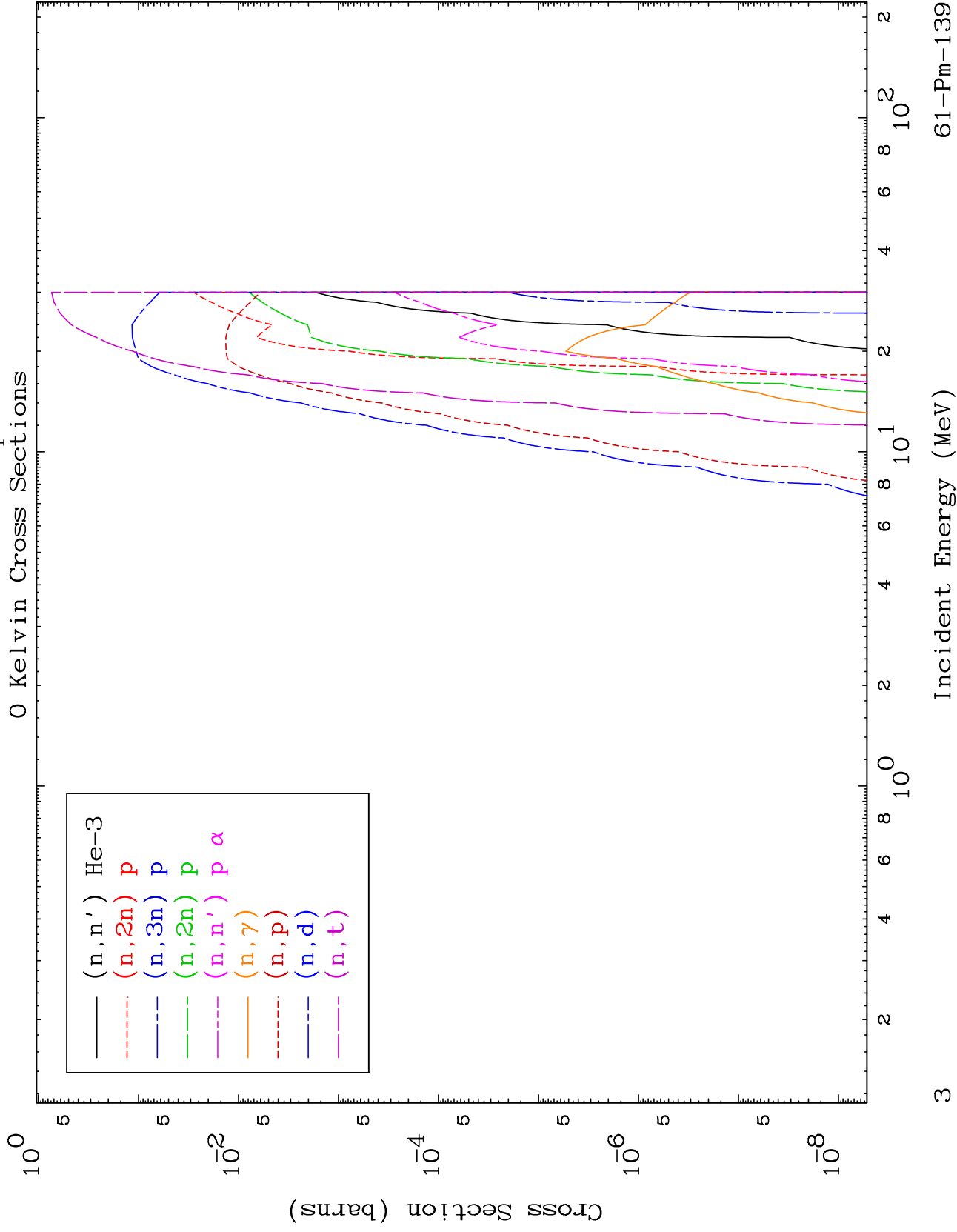
61-Pm-139



MAT 6125

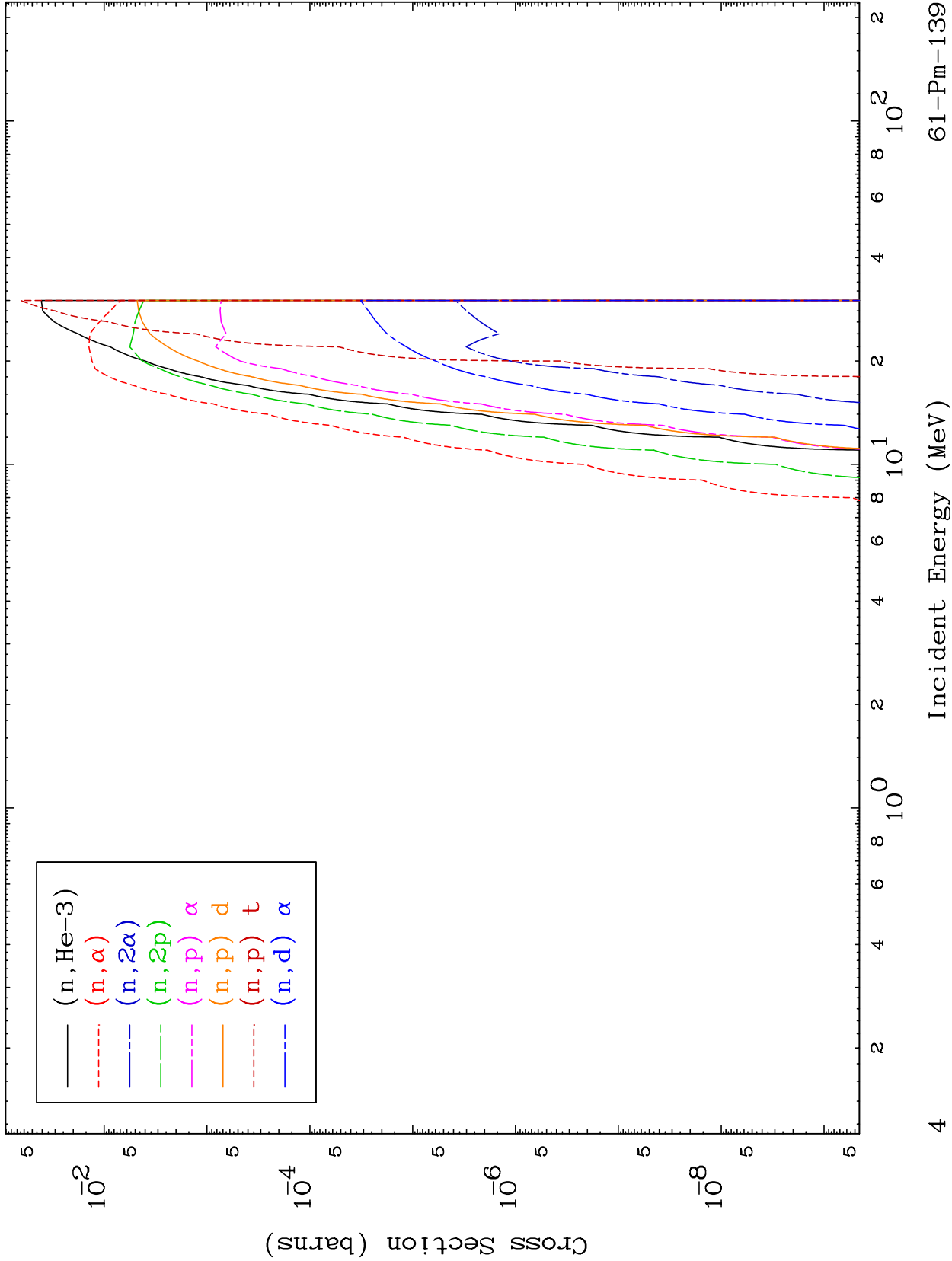
He-3 Neutron Absorption
0 Kelvin Cross Sections

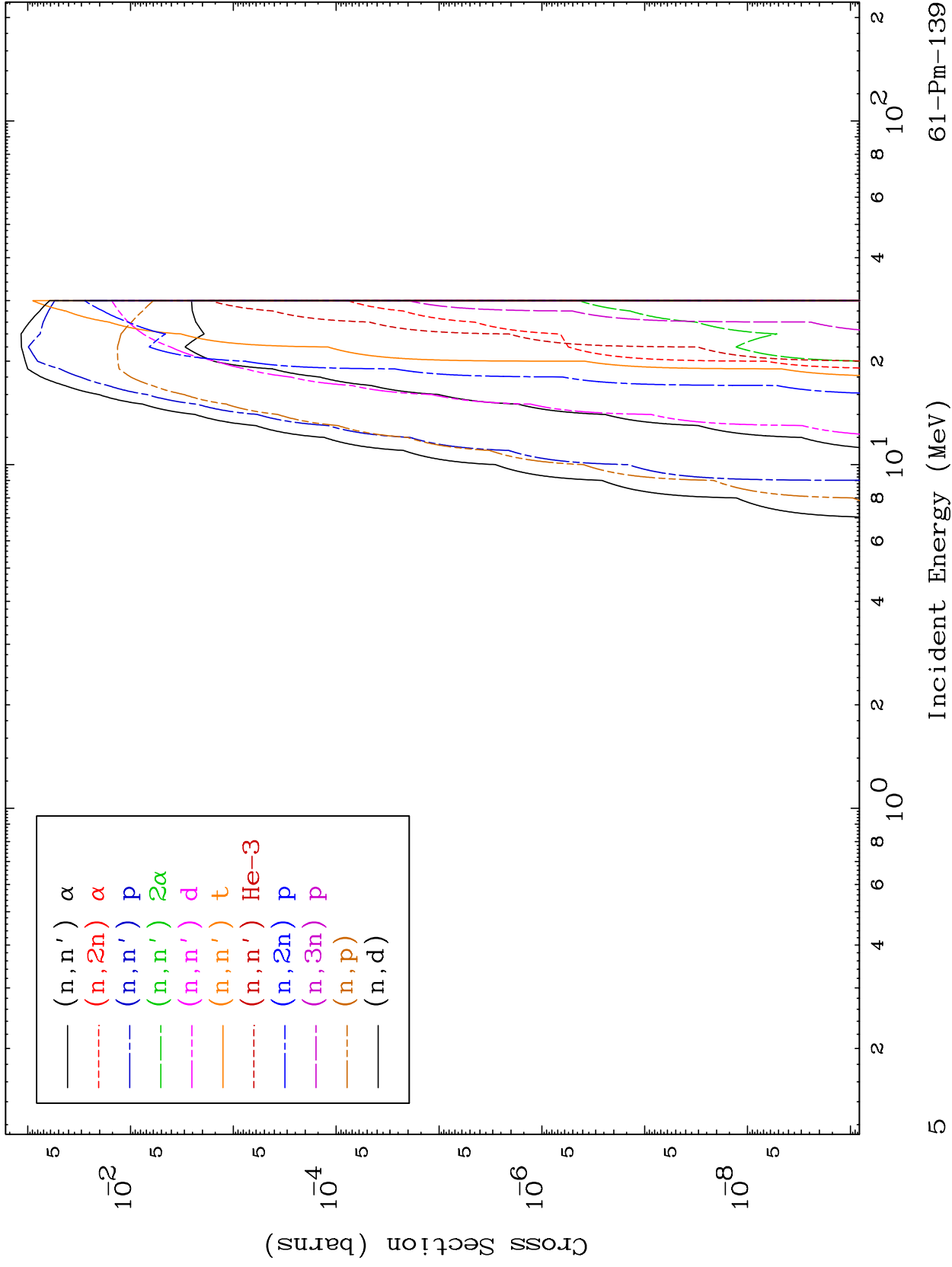
61-Pm-139



61-Pm-139

Incident Energy (MeV)

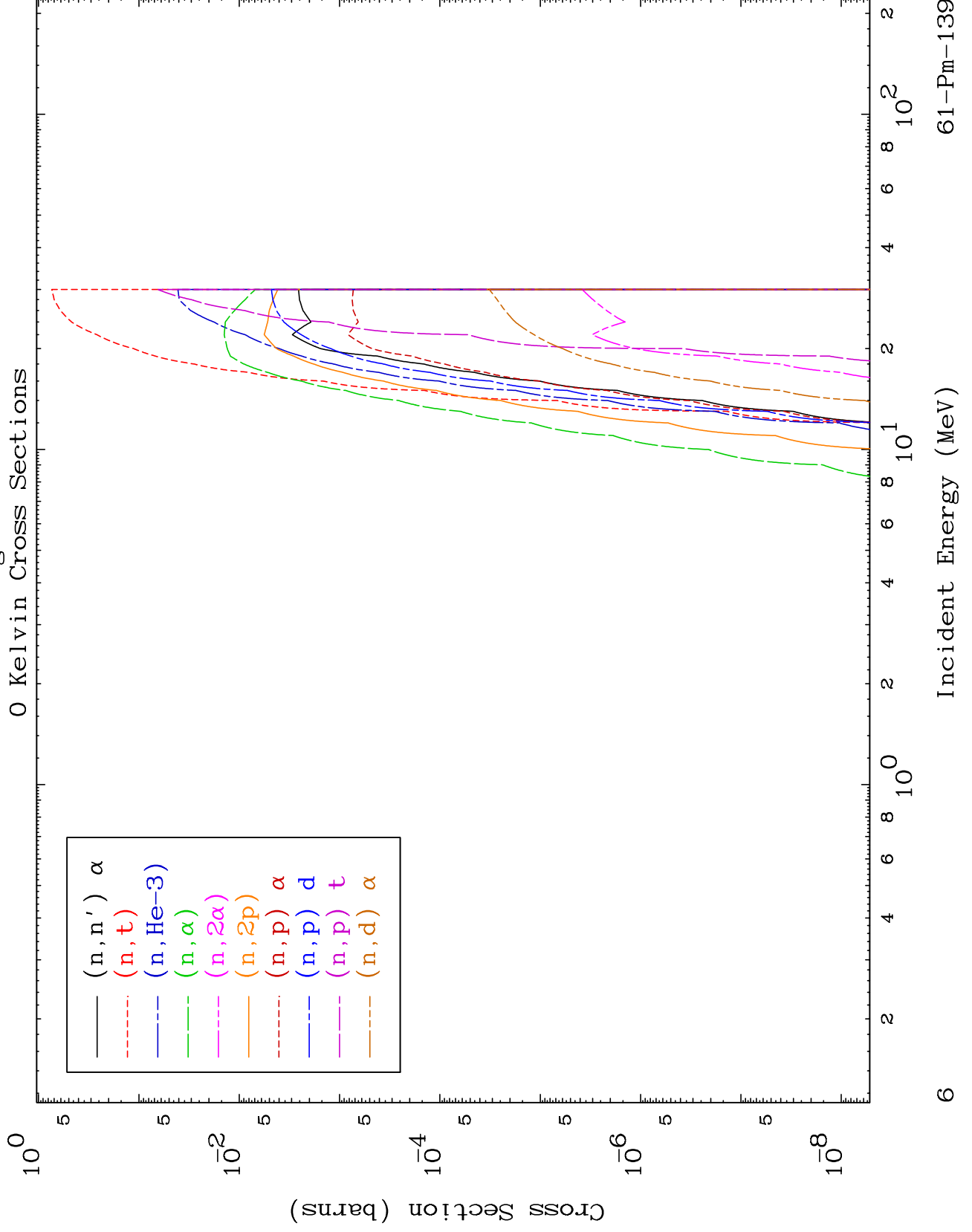




MAT 6125

He-3 Charged Particle
0 Kelvin Cross Sections

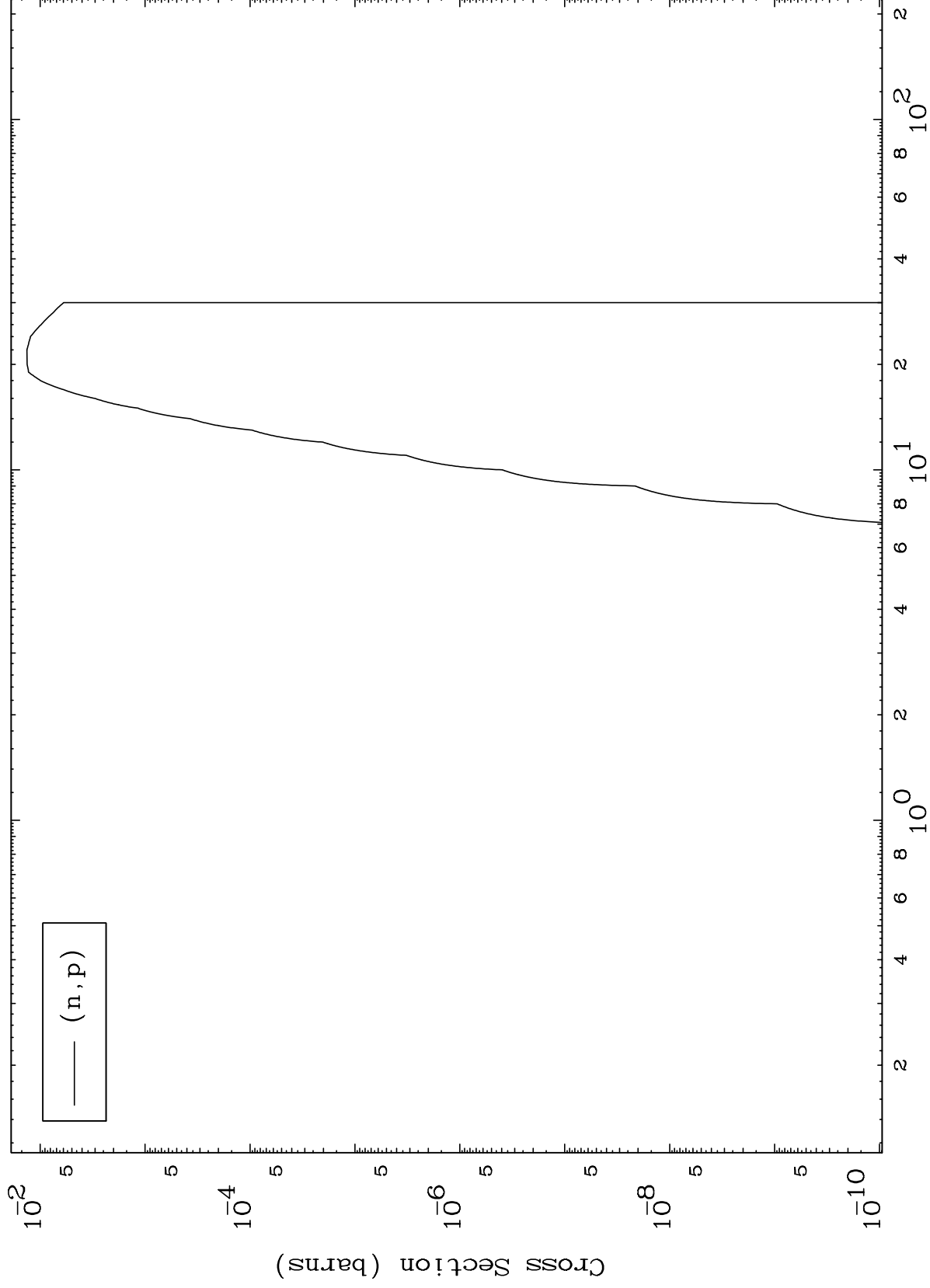
61-Pm-139



MAT 6125

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

61-Pm-139



7

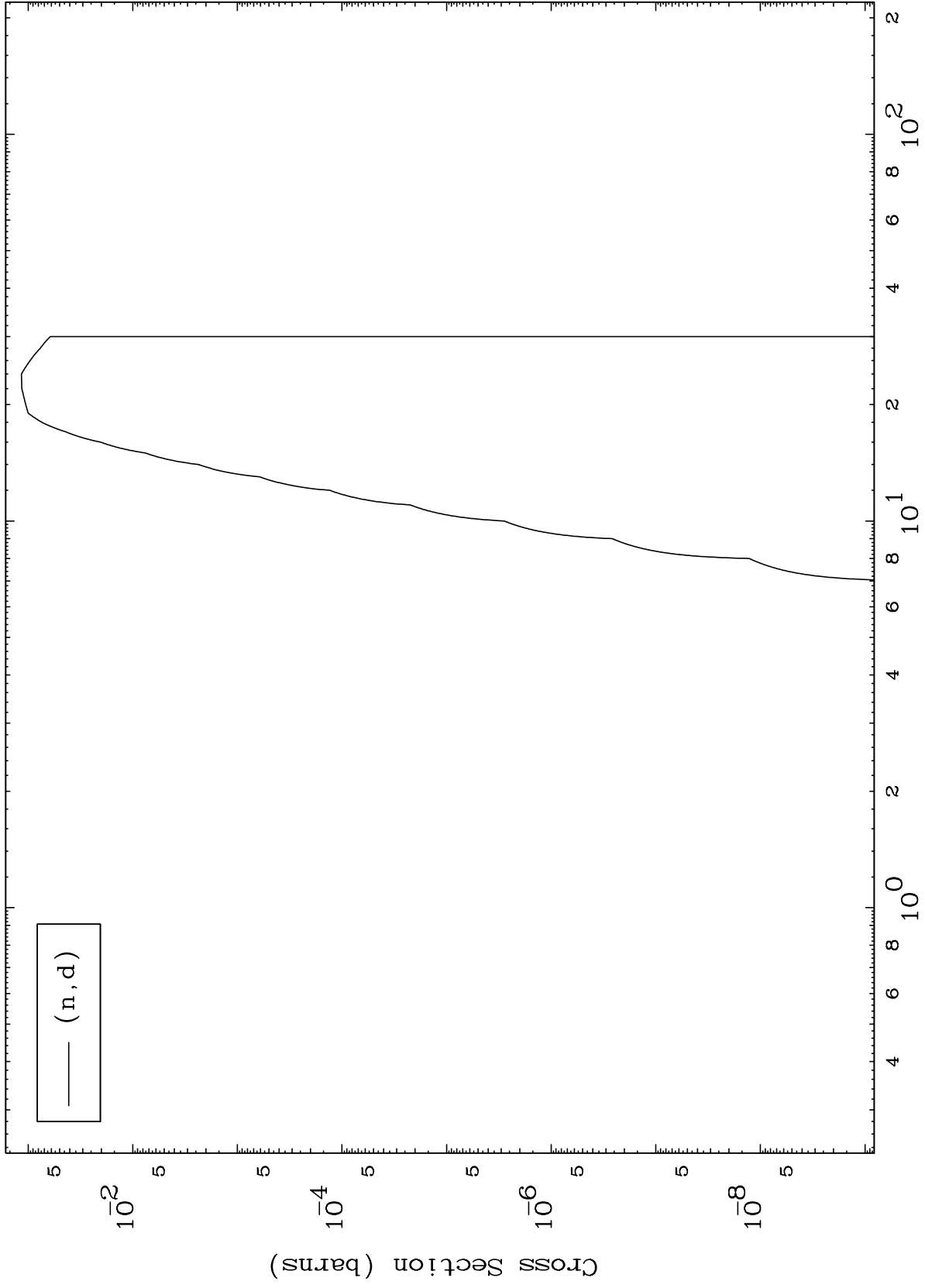
Incident Energy (MeV)

61-Pm-139

MAT 6125

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

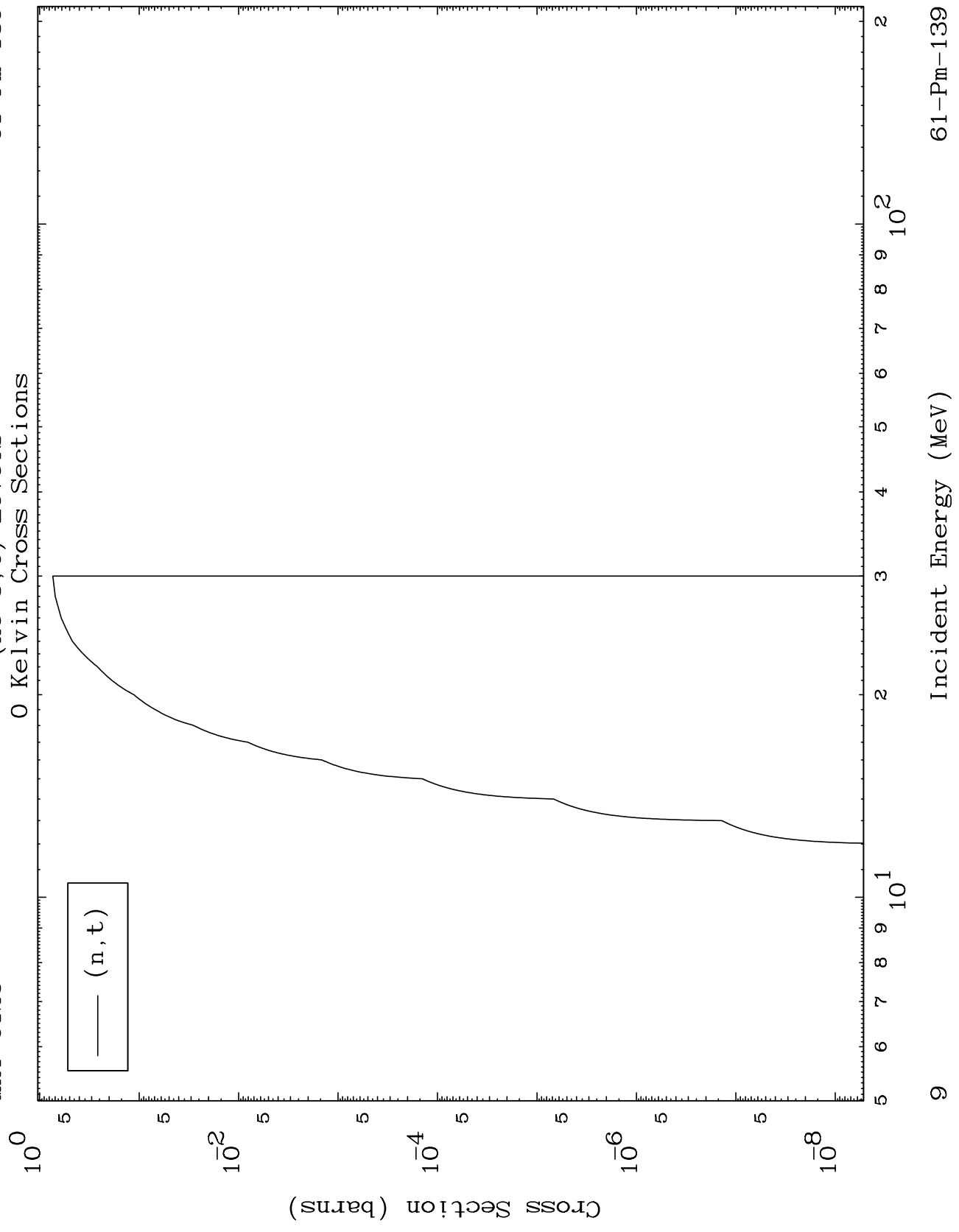
61-Pm-139



MAT 6125

(He-3,t) Levels

61-Pm-139

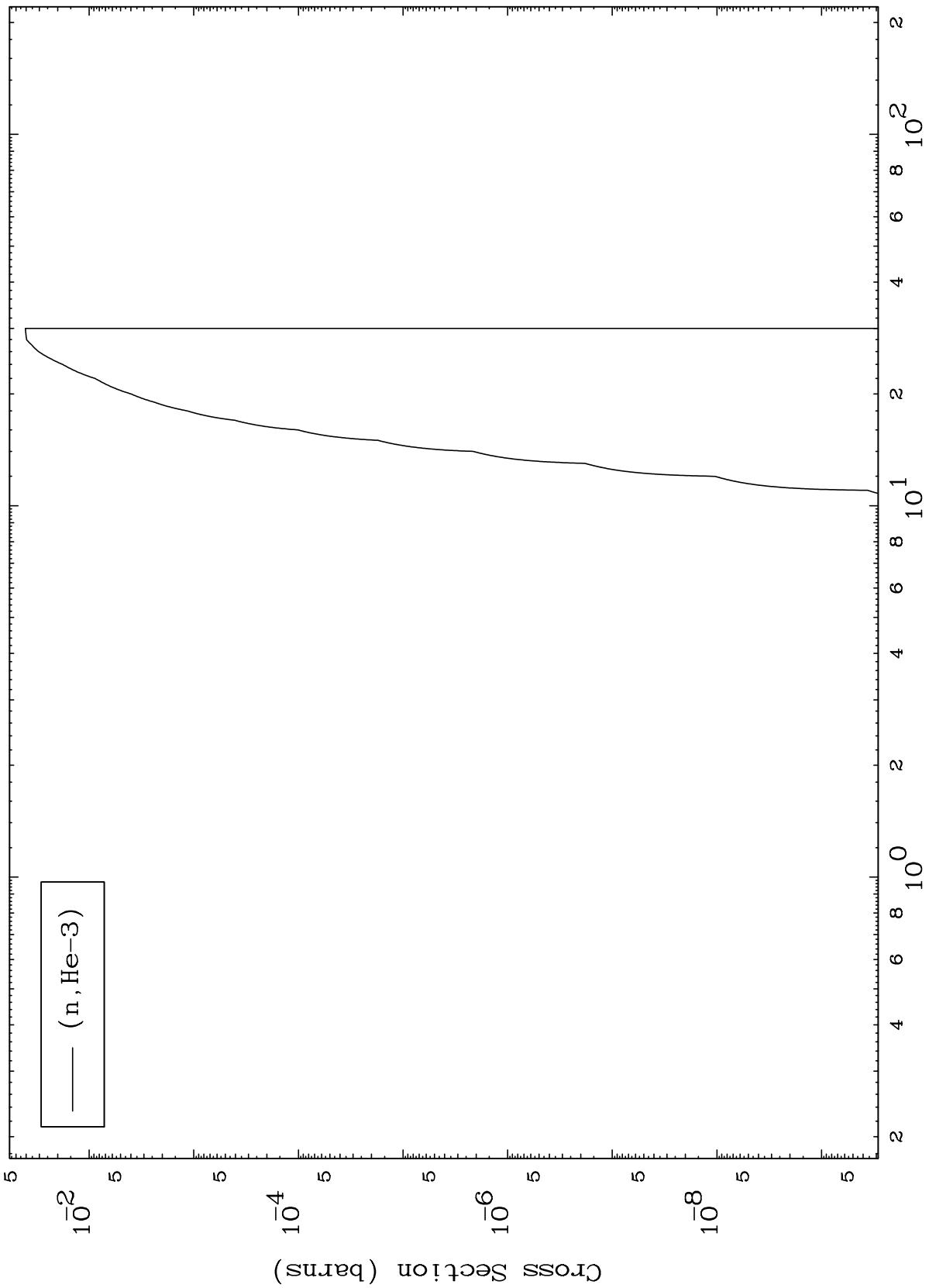


MAT 6125

(He-3, He3) Levels

61-Pm-139

0 Kelvin Cross Sections



10

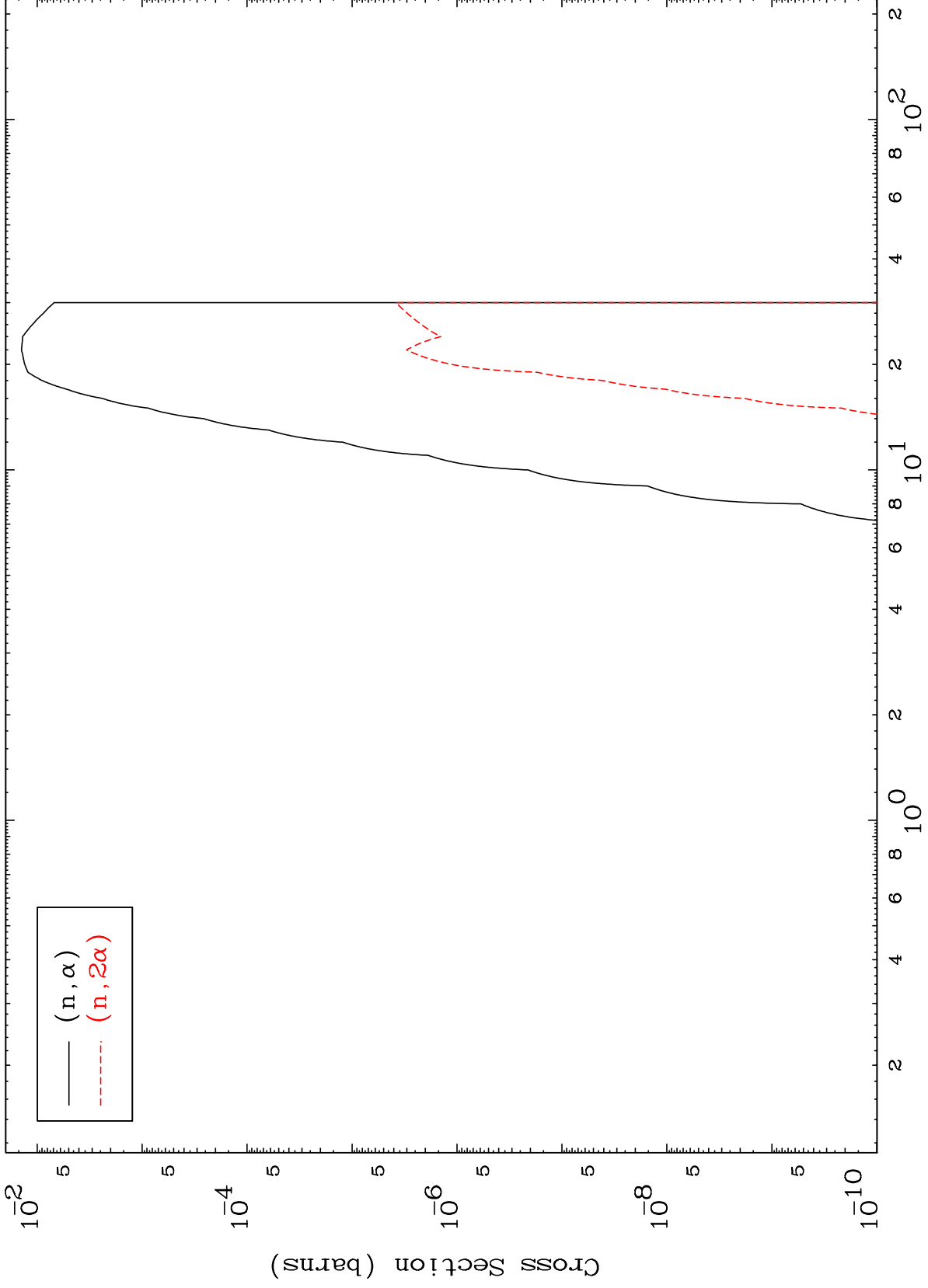
Incident Energy (MeV)

61-Pm-139

MAT 6125

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

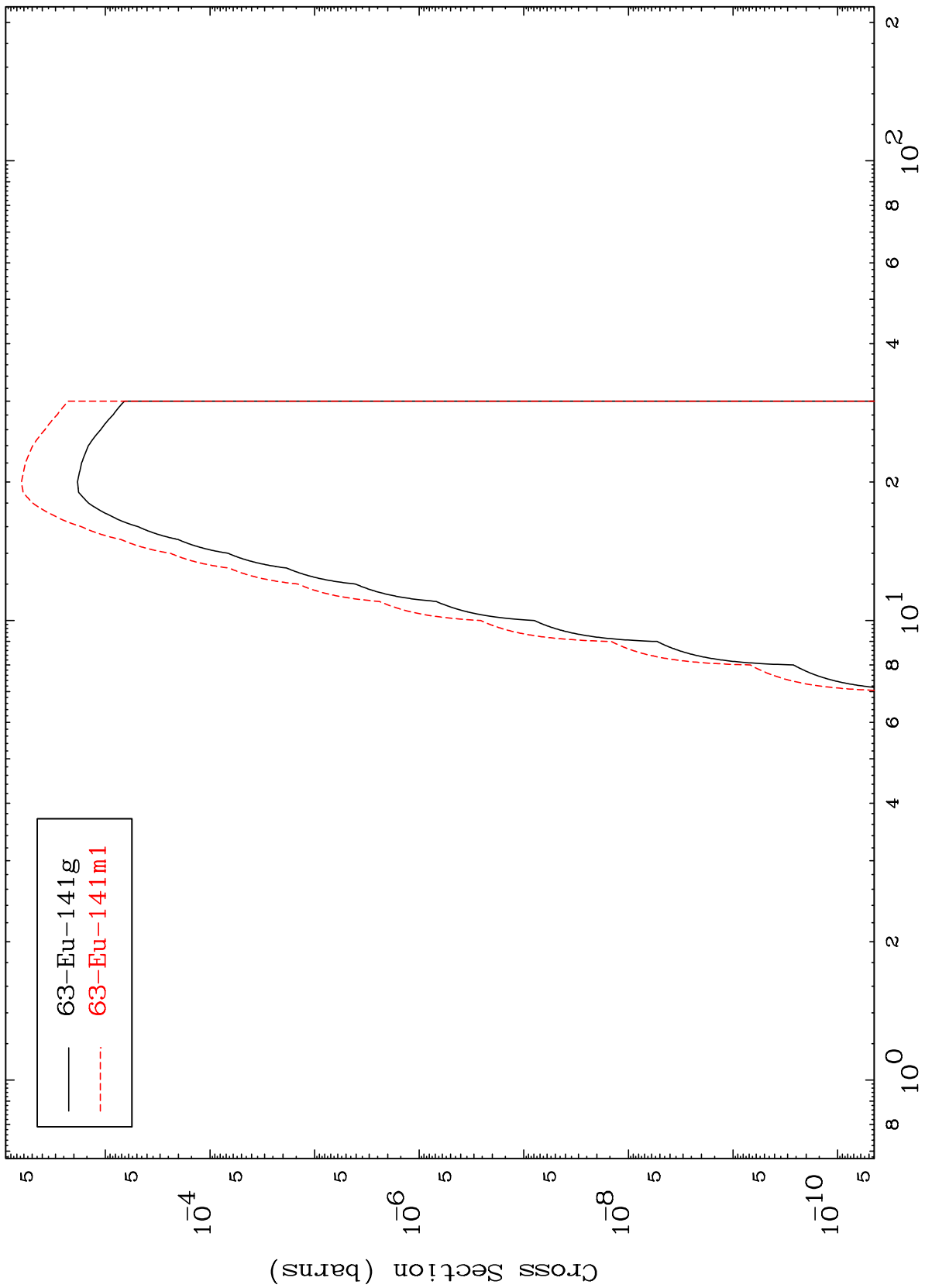
61-Pm-139



MAT 6125

61-Pm-139

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

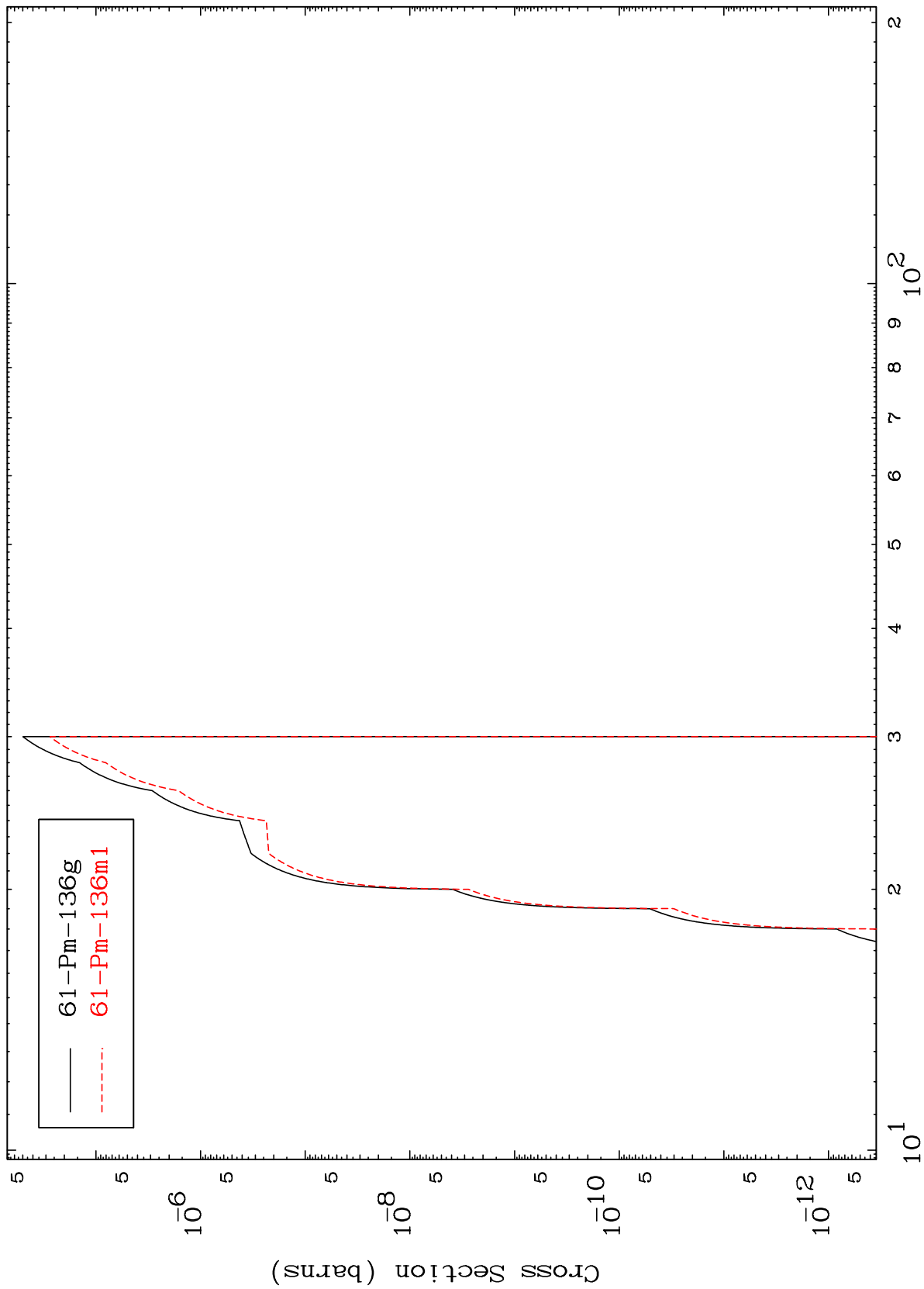
61-Pm-139

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(n,2n) α

61-Pm-139

Radionuclide Production Cross Section



Incident Energy (MeV)

61-Pm-139

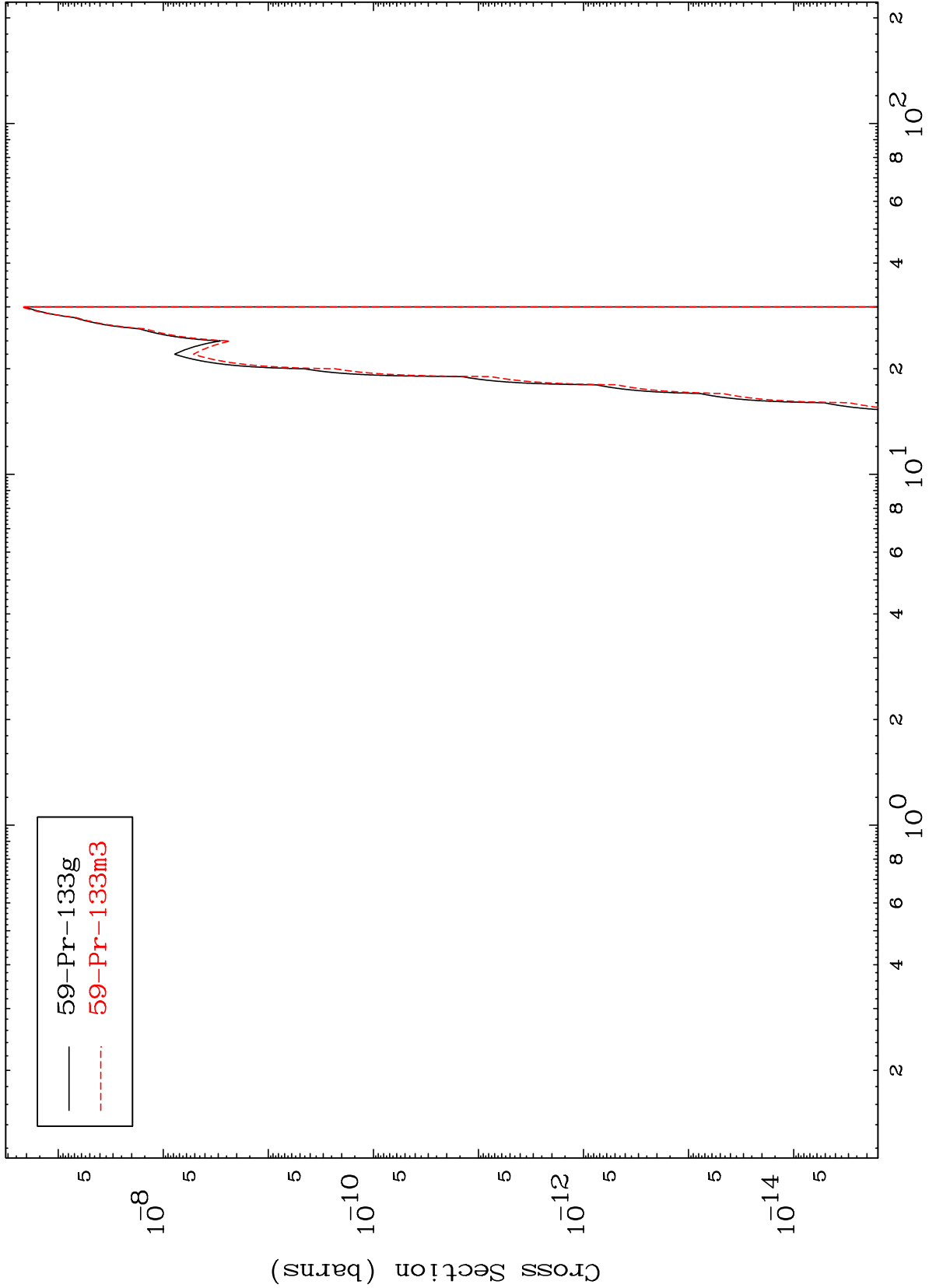
13

MAT 6125

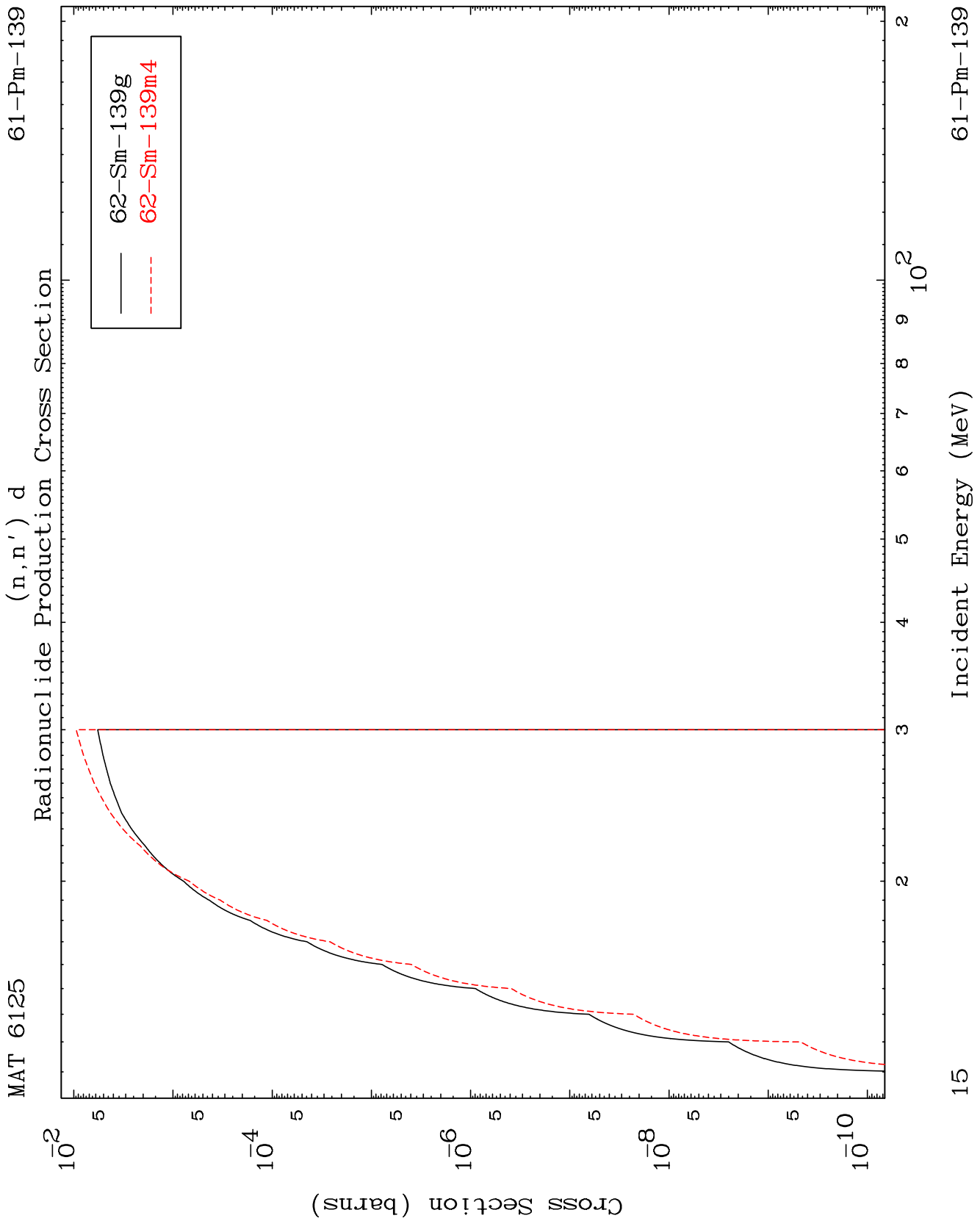
(n,n') 2 α

61-Pm-139

Radionuclide Production Cross Section



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

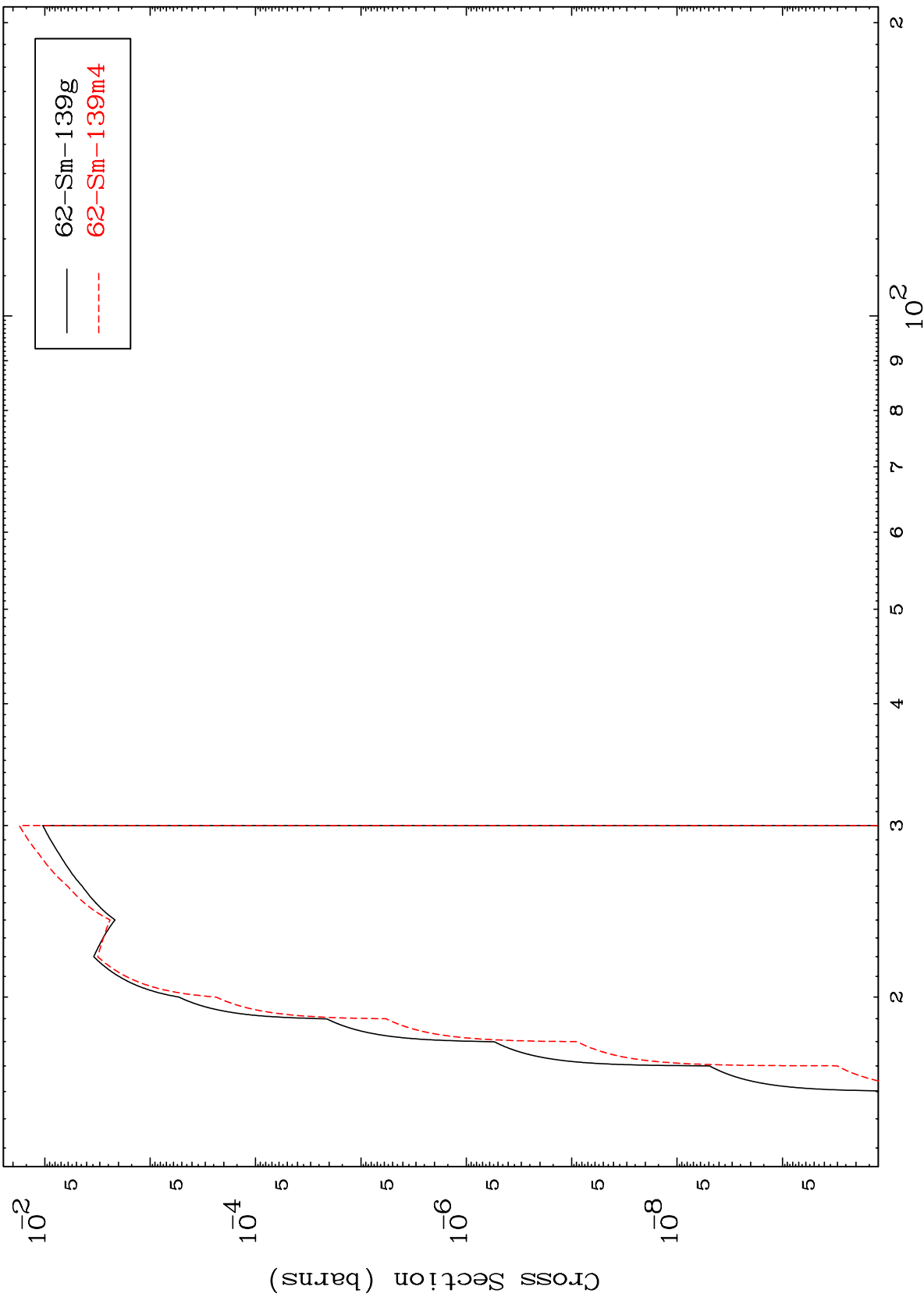


MAT 6125

(n,2n) p

61-Pm-139

Radionuclide Production Cross Section



16

Incident Energy (MeV)

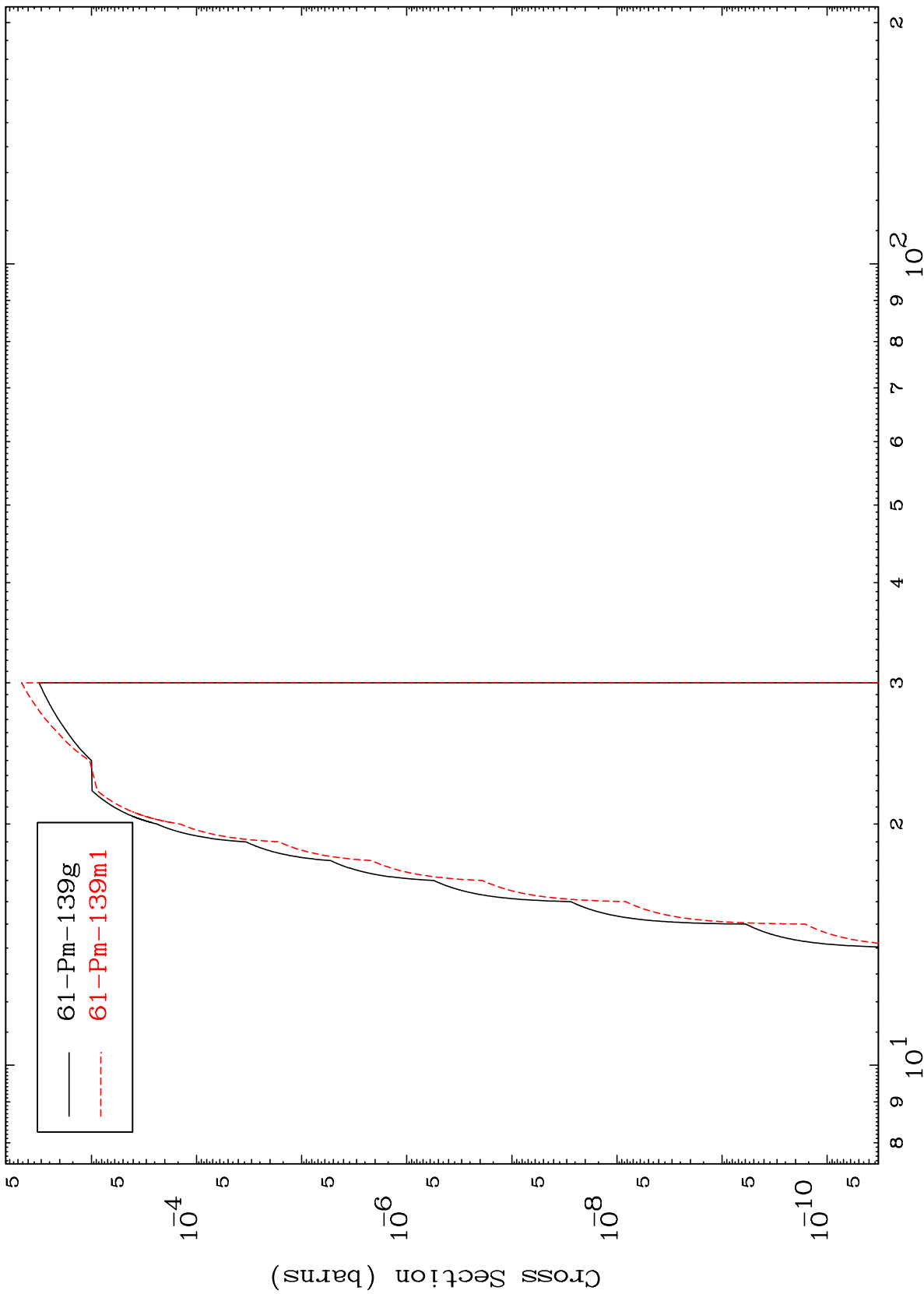
61-Pm-139

MAT 6125

(n,2n) p

61-Pm-139

Radionuclide Production Cross Section



17

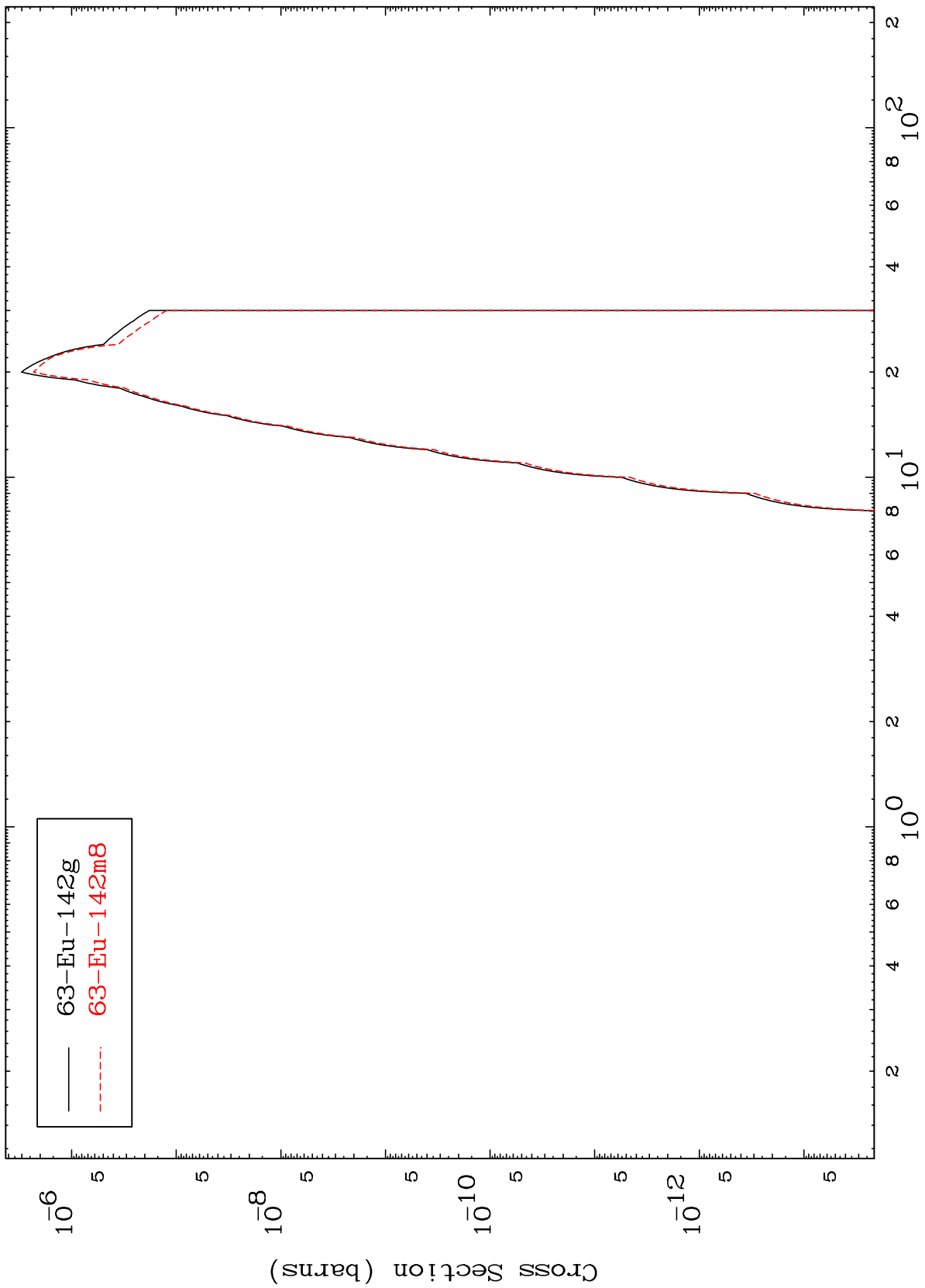
Incident Energy (MeV)

61-Pm-139

MAT 6125

61-Pm-139

(n, γ)
Radionuclide Production Cross Section

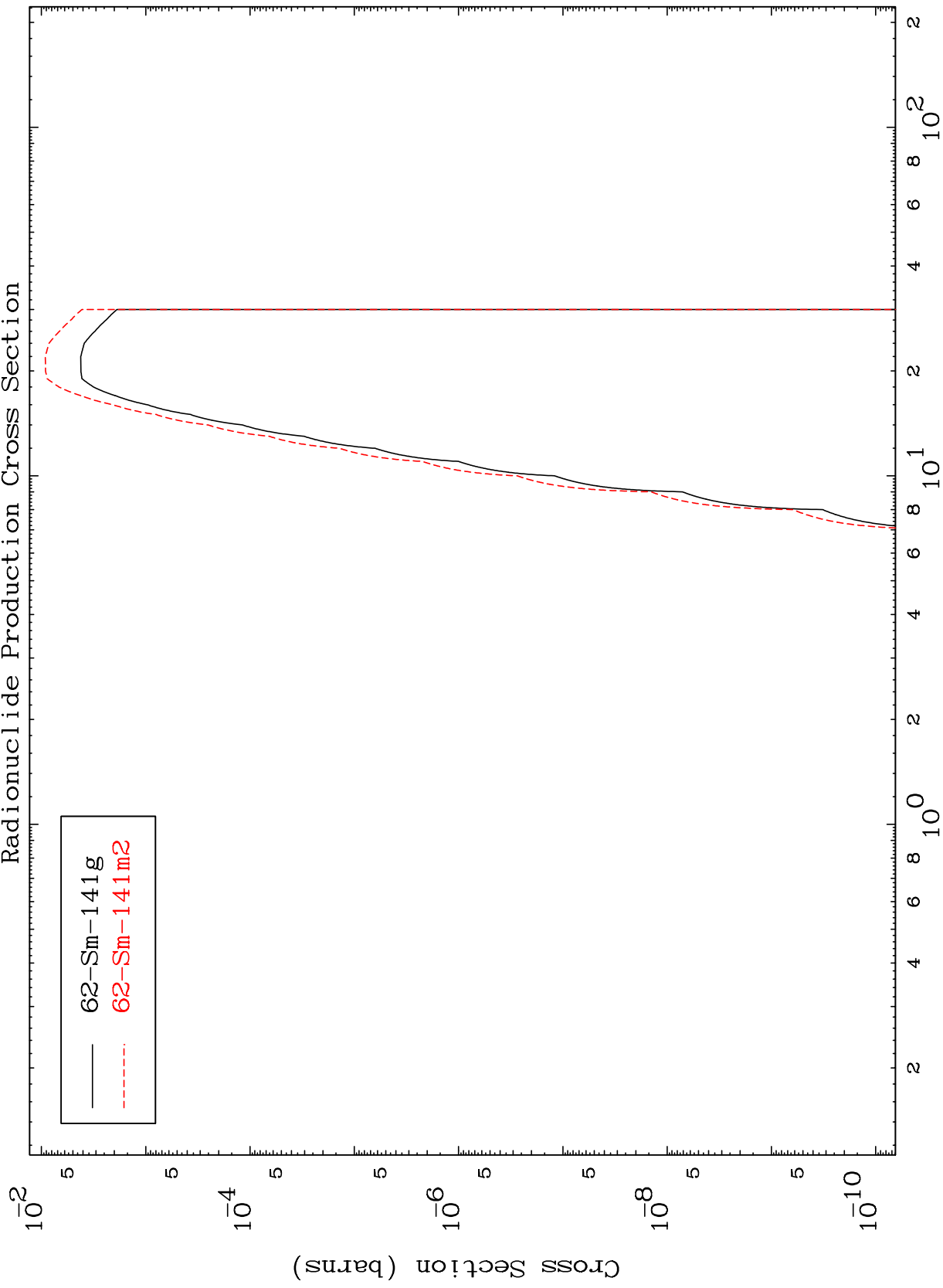


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(n,p)

61-Pm-139

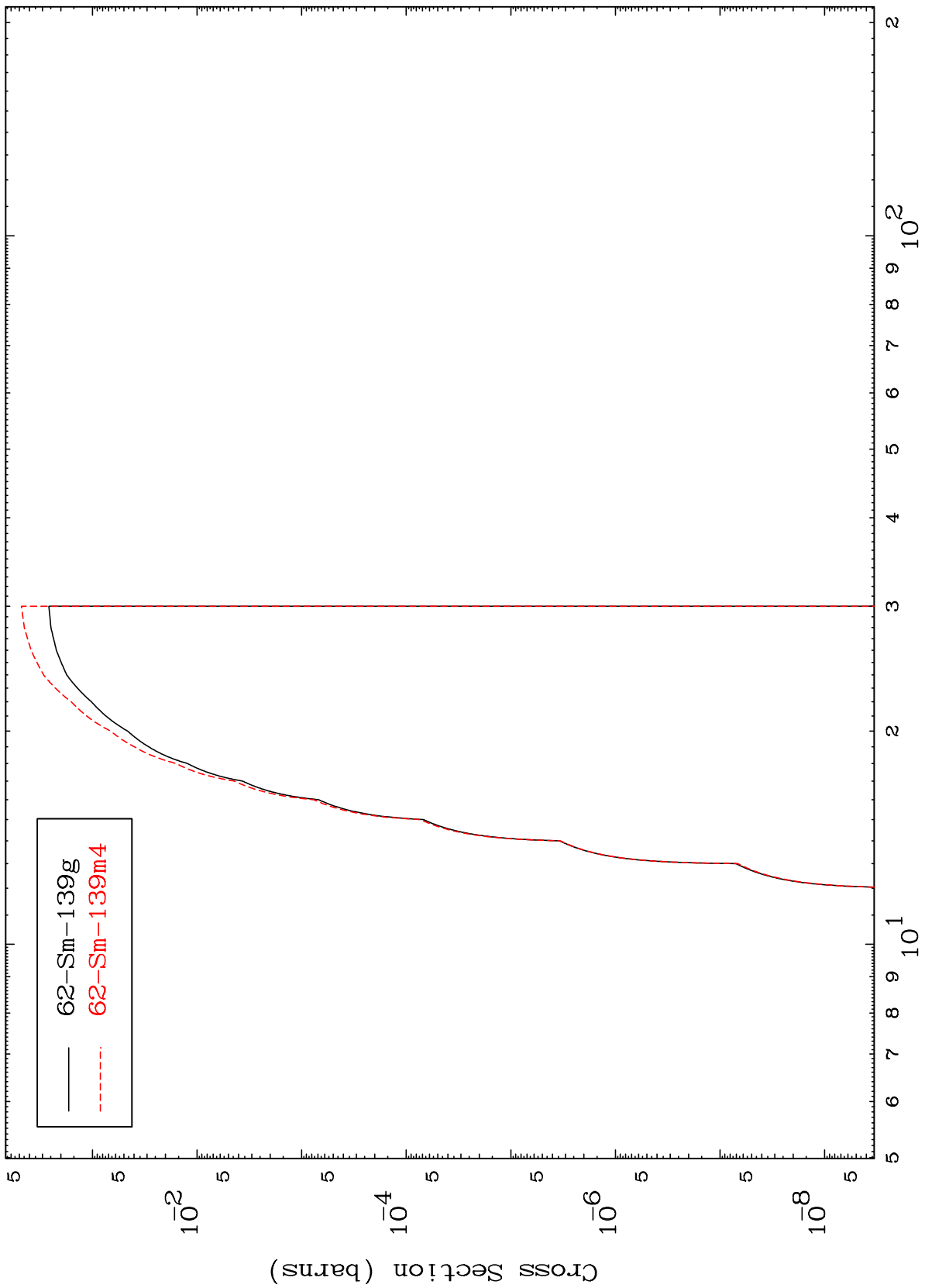
Radionuclide Production Cross Section



MAT 6125

61-Pm-139

(n, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

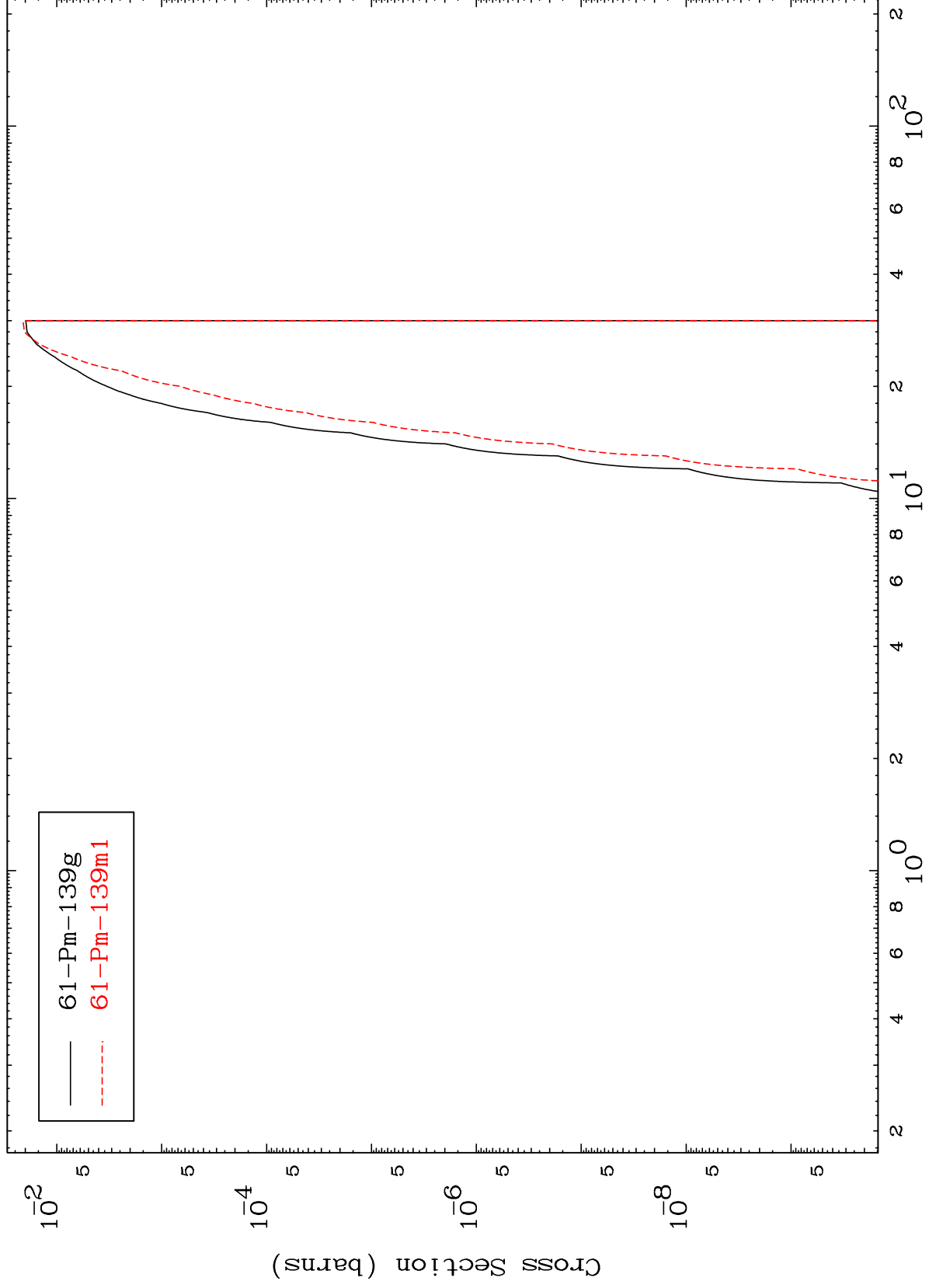
61-Pm-139

MAT 6125

(n,He-3)

61-Pm-139

Radionuclide Production Cross Section



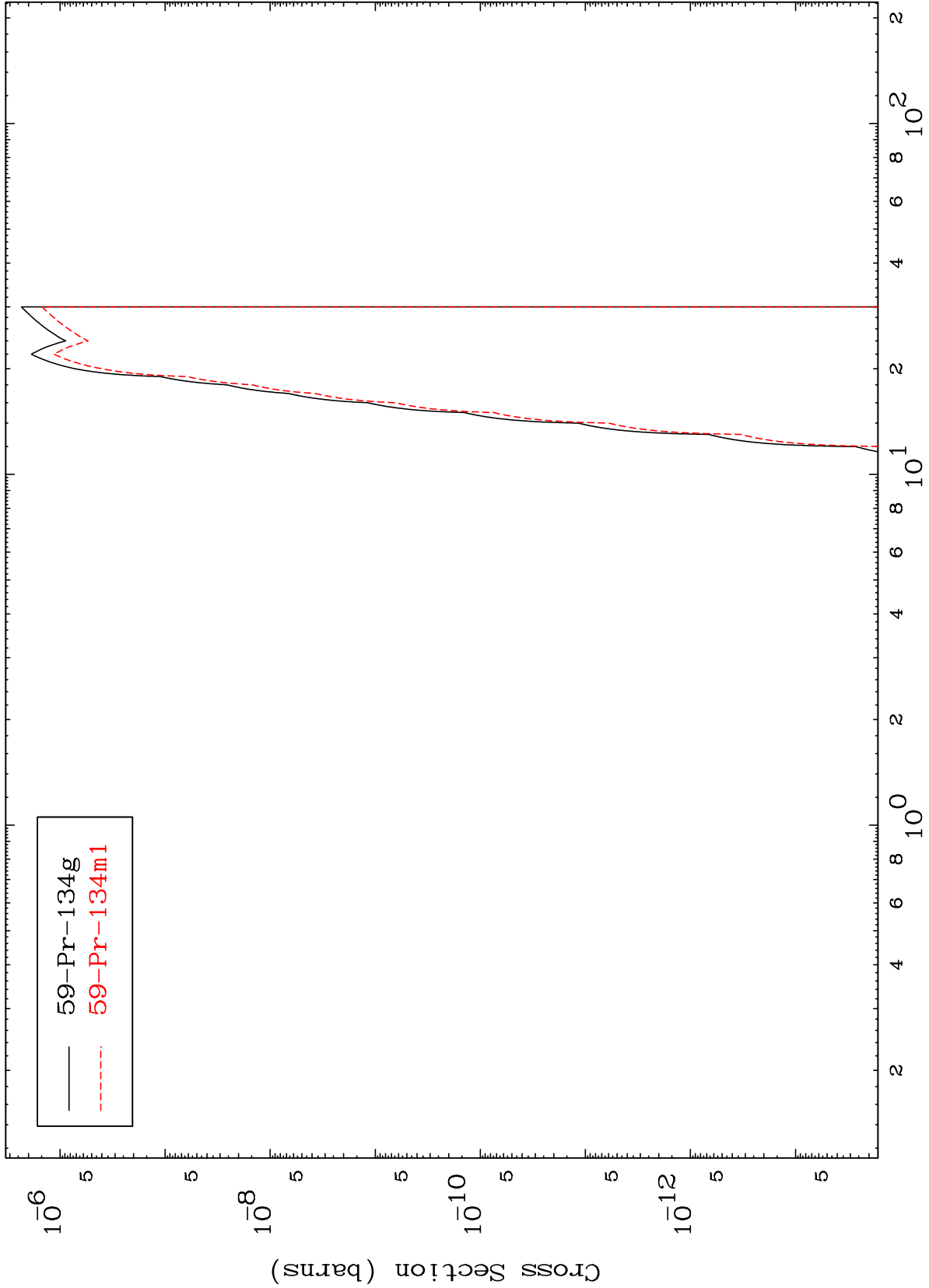
61-Pm-139g
61-Pm-139m1

MAT 6125

(n,2α)

61-Pm-139

Radionuclide Production Cross Section



— 59-Pr-134g
- - - 59-Pr-134m1

Incident Energy (MeV)

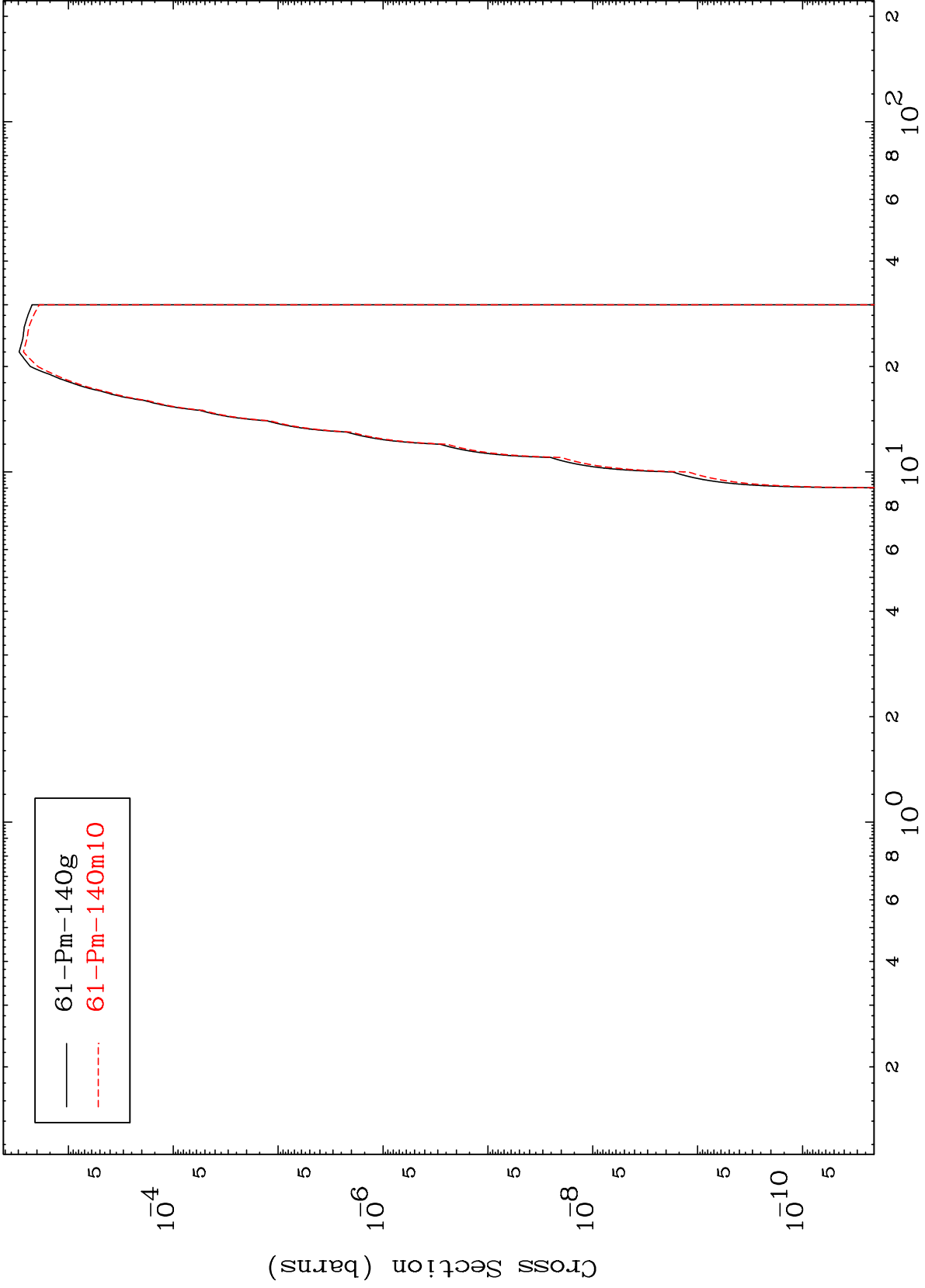
61-Pm-139

MAT 6125

(n,2p)

61-Pm-139

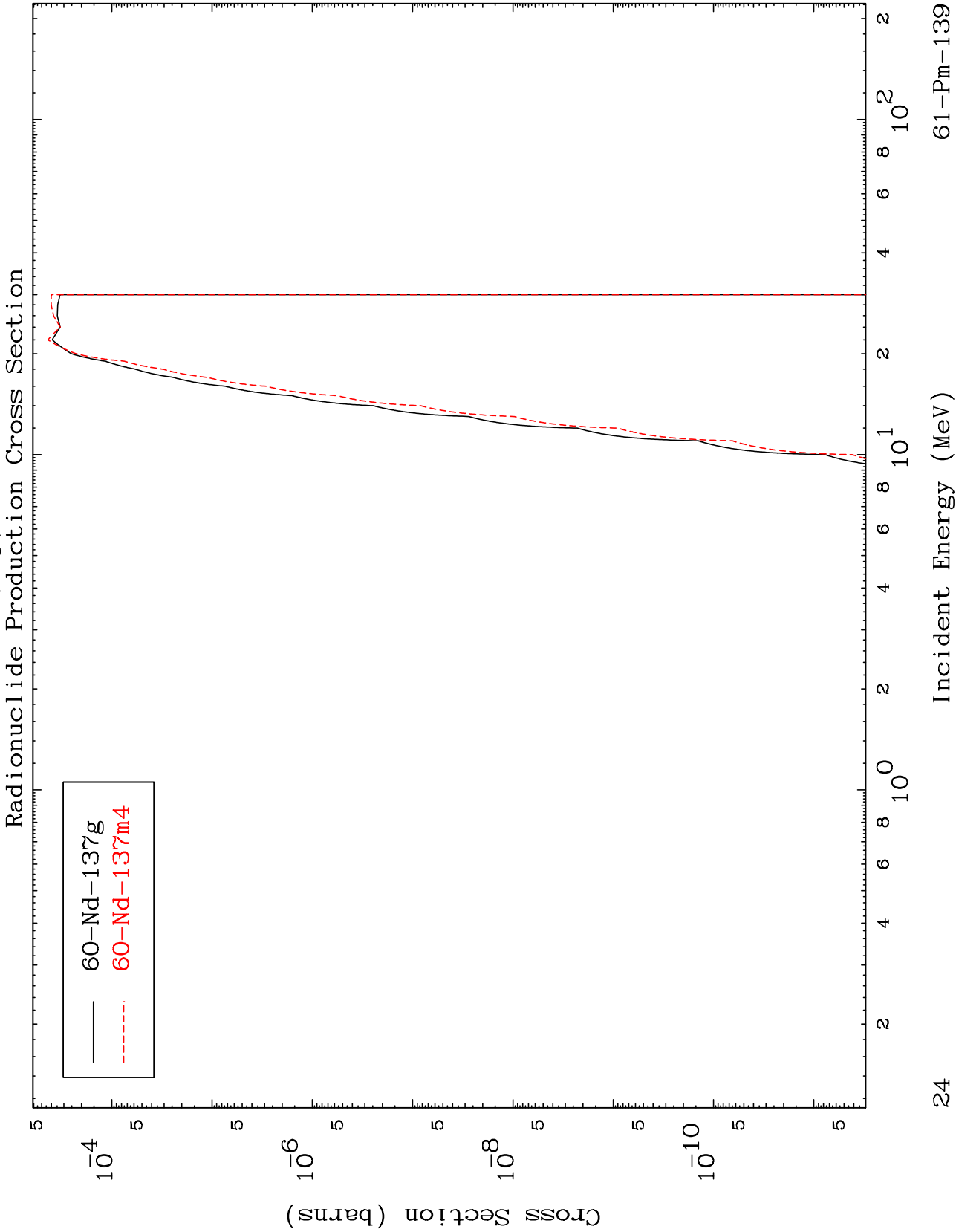
Radionuclide Production Cross Section



MAT 6125

(n,p) α

61-Pm-139

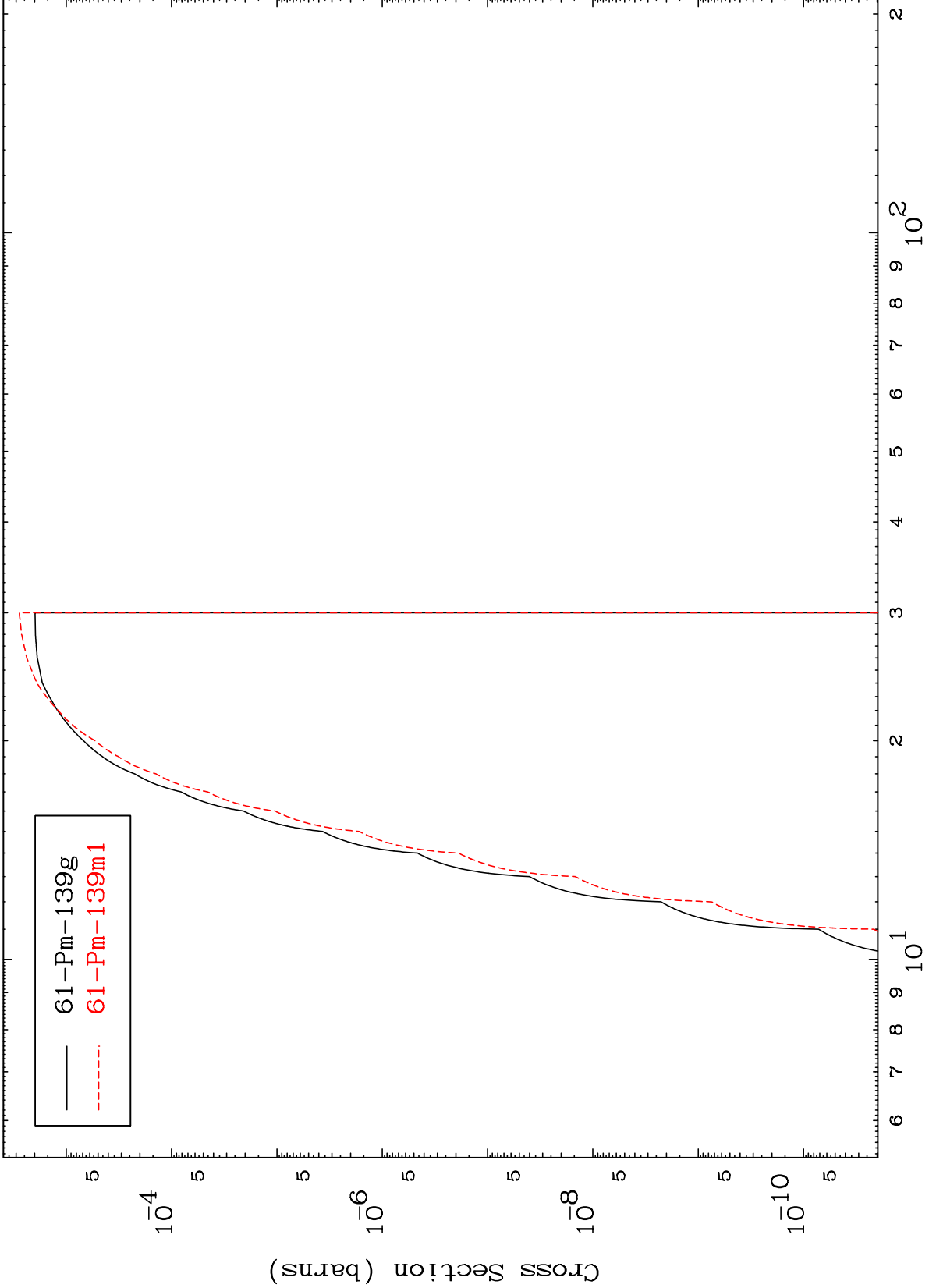


MAT 6125

(n,p) d

61-Pm-139

Radionuclide Production Cross Section



61-Pm-139g
61-Pm-139m1

25

Incident Energy (MeV)

61-Pm-139