

Program EVALPLOT
(Version 2021-1)

by

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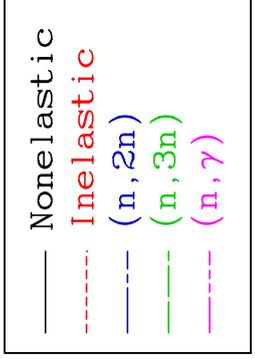
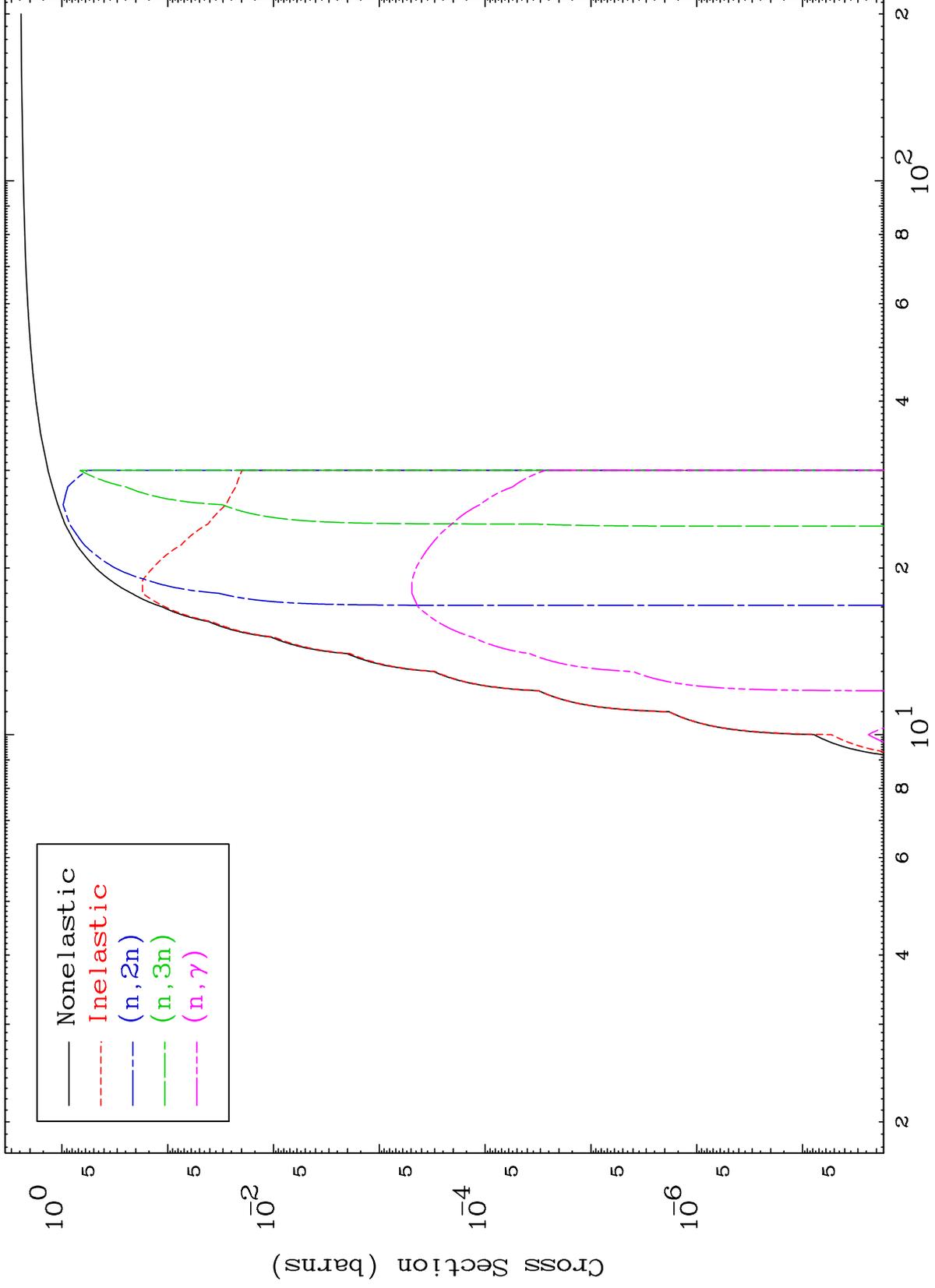
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Press Mouse Button to Start

MAT 6240

0 Kelvin Major α Cross Sections

62-Sm-149



1

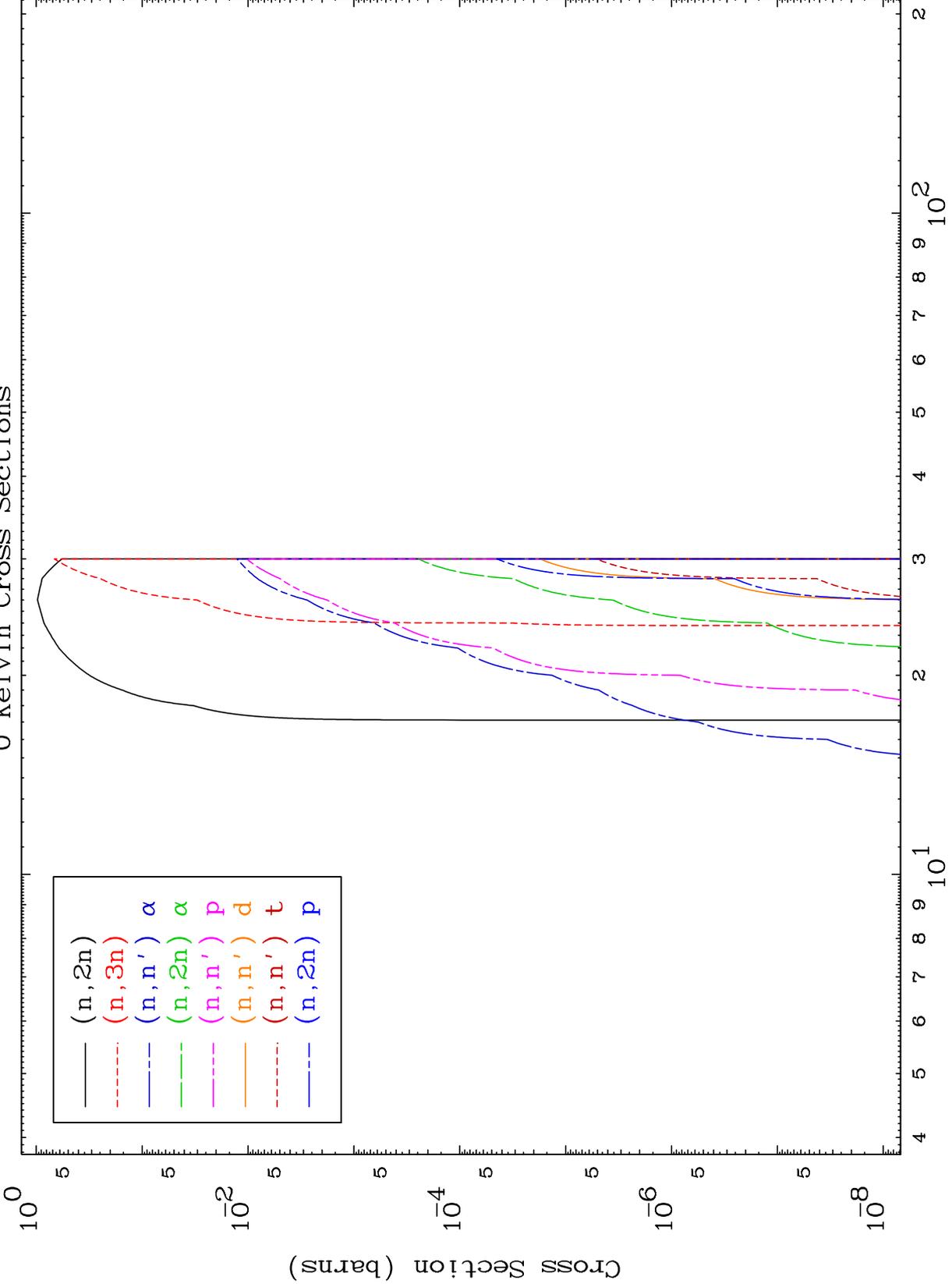
Incident Energy (MeV)

62-Sm-149

MAT 6240

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-149



2

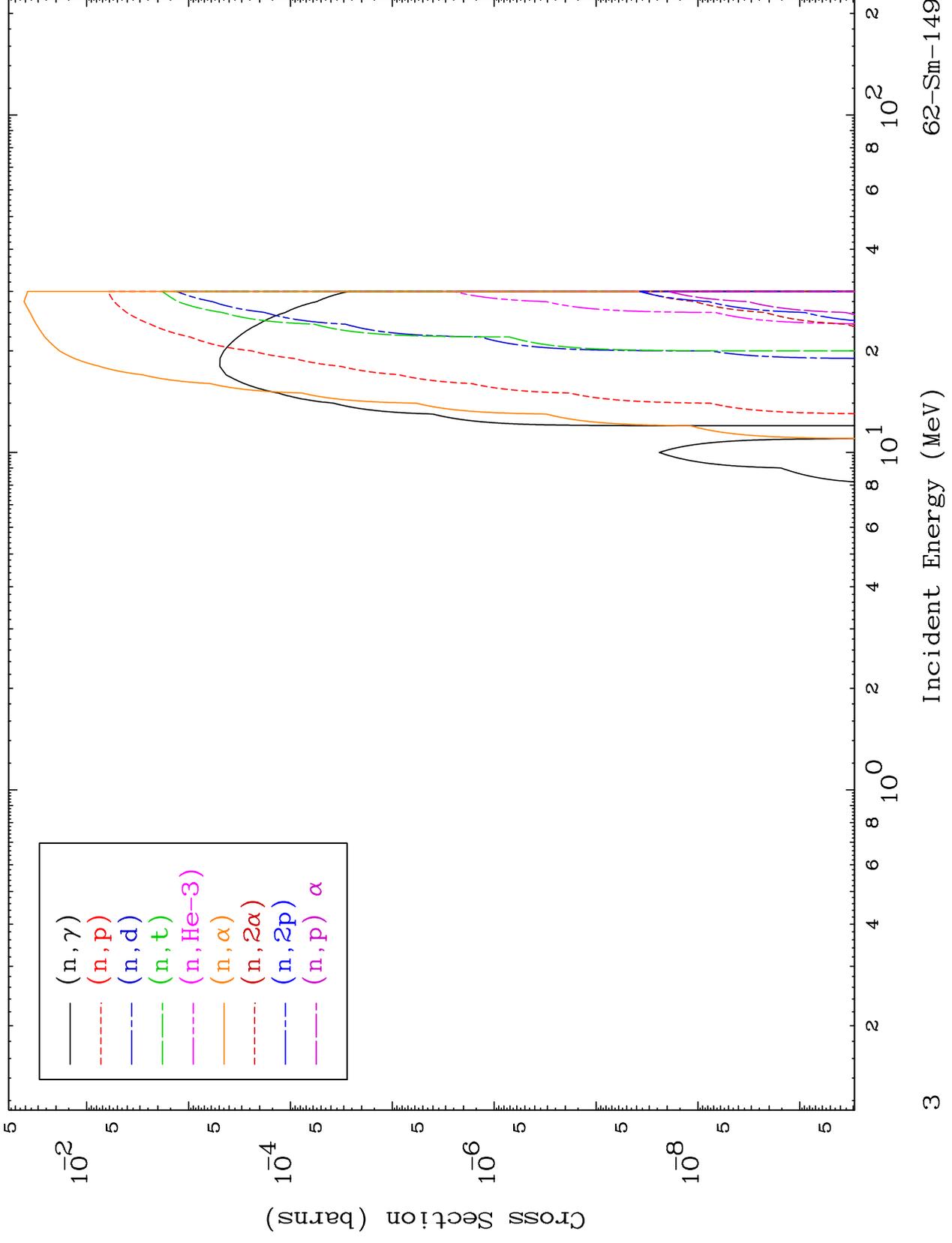
Incident Energy (MeV)

62-Sm-149

MAT 6240

α Neutron Absorption
0 Kelvin Cross Sections

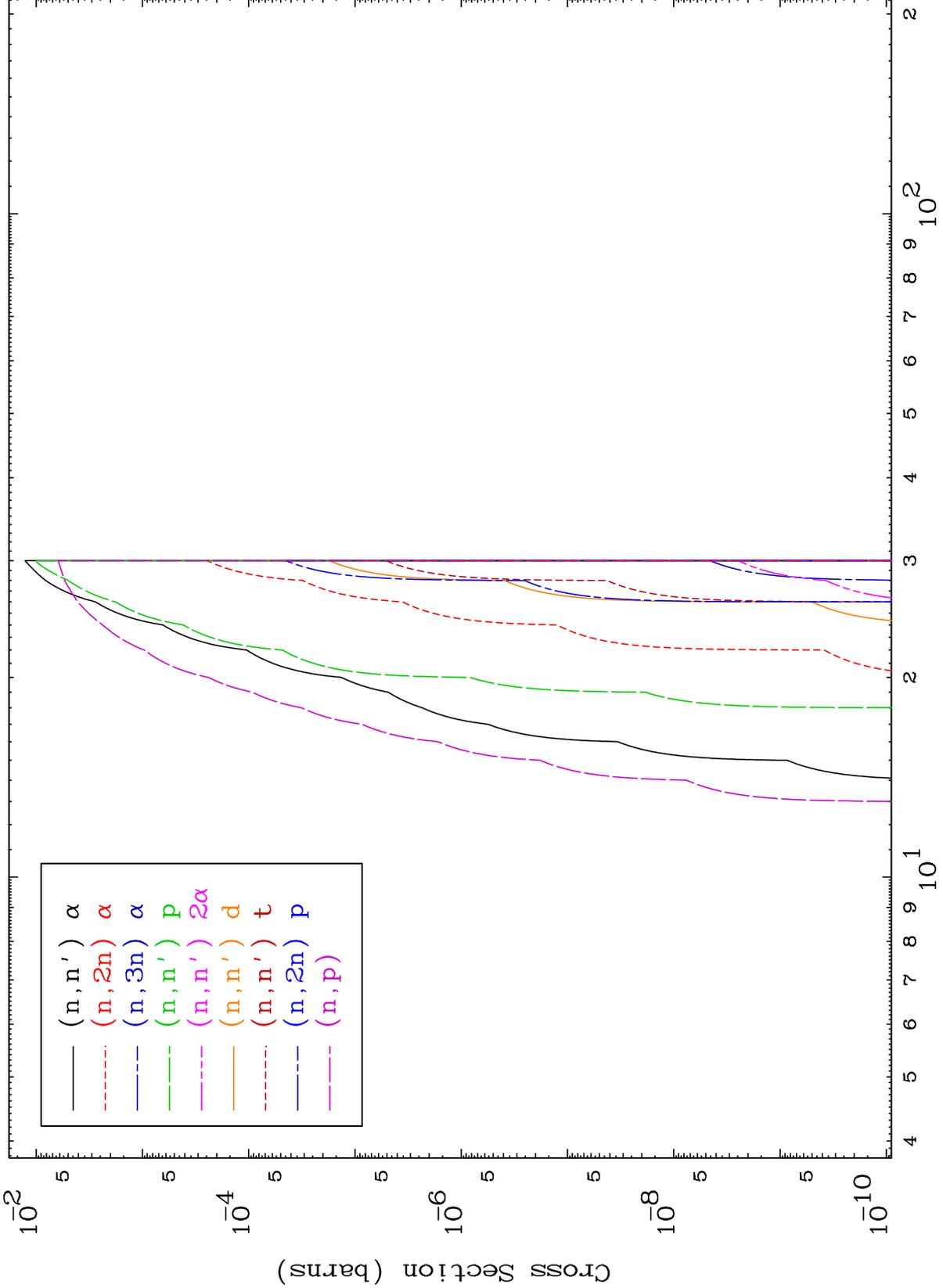
62-Sm-149



MAT 6240

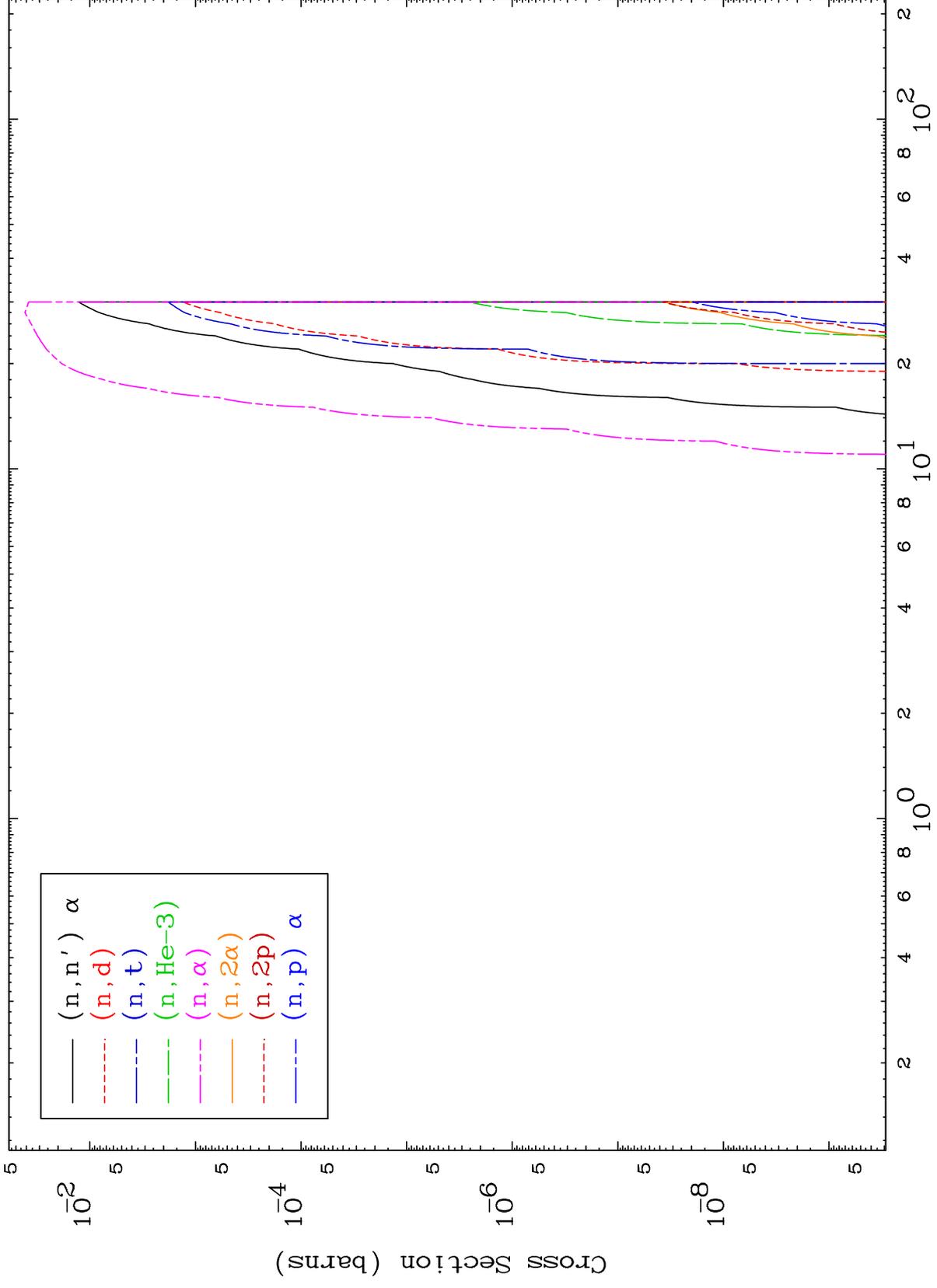
α Charged Particle
0 Kelvin Cross Sections

62-Sm-149



Incident Energy (MeV)

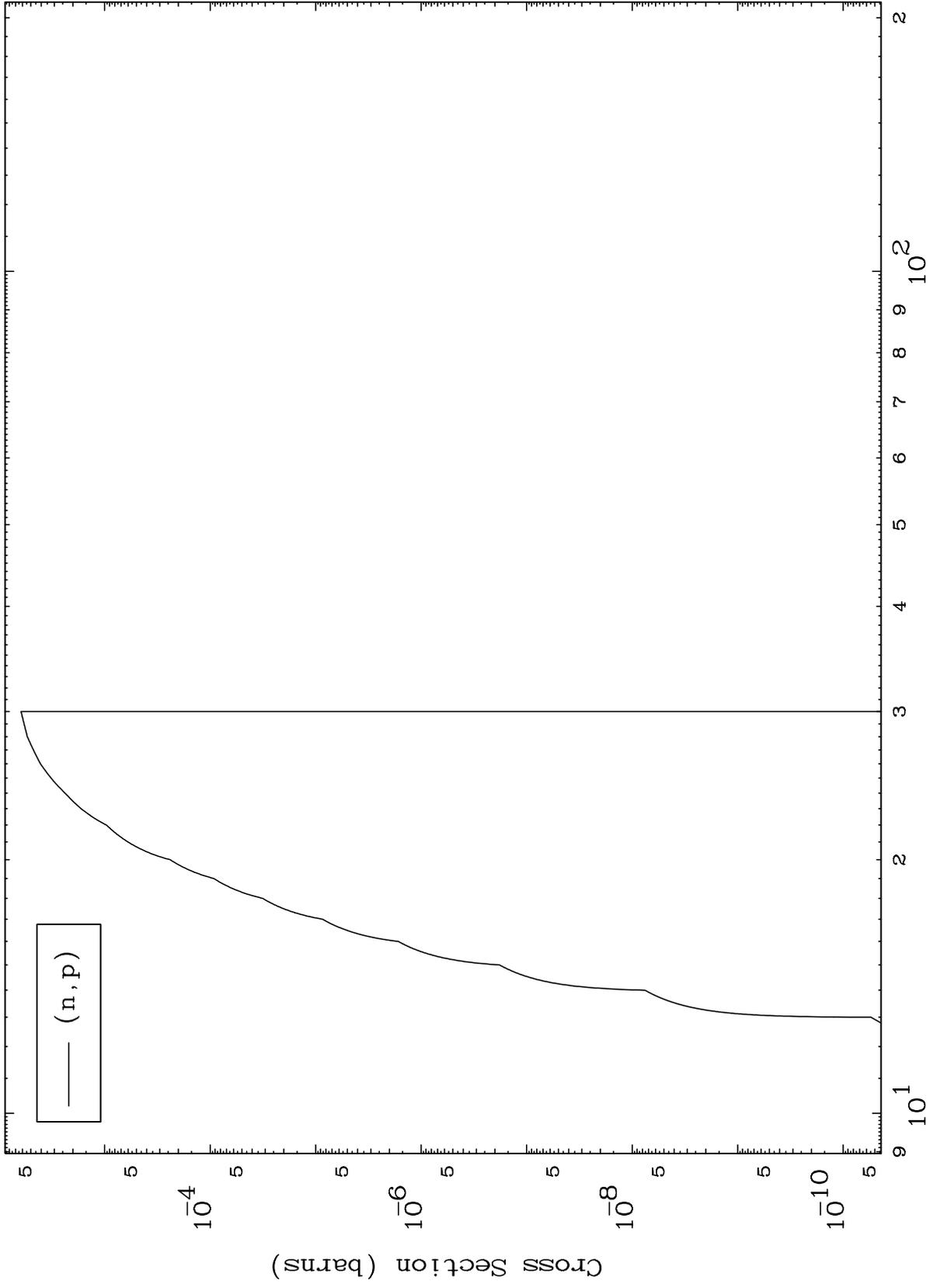
62-Sm-149



MAT 6240

(α, p) Levels
0 Kelvin Cross Sections

62-Sm-149



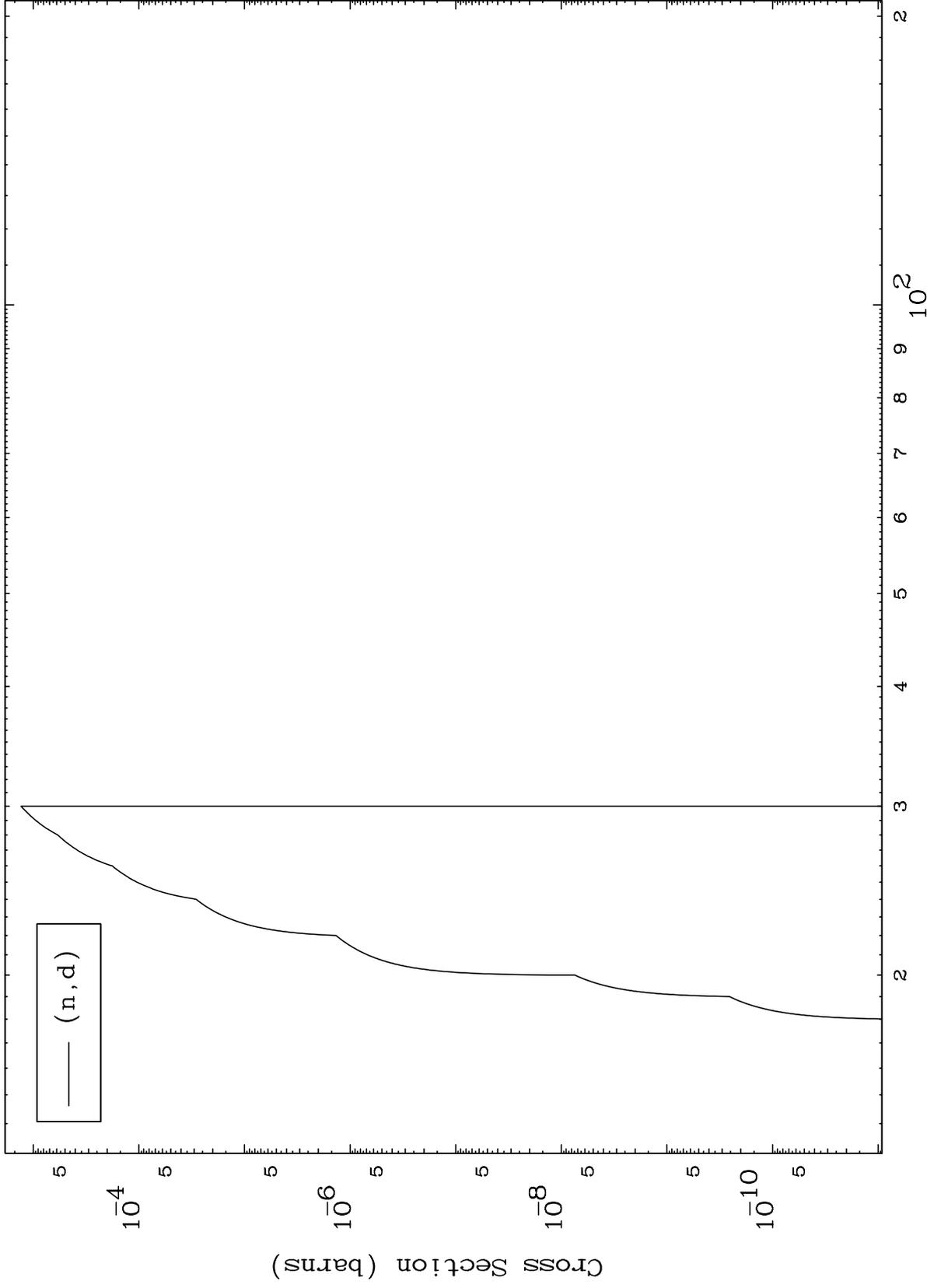
Incident Energy (MeV)

62-Sm-149

MAT 6240

(α, d) Levels
0 Kelvin Cross Sections

62-Sm-149



7

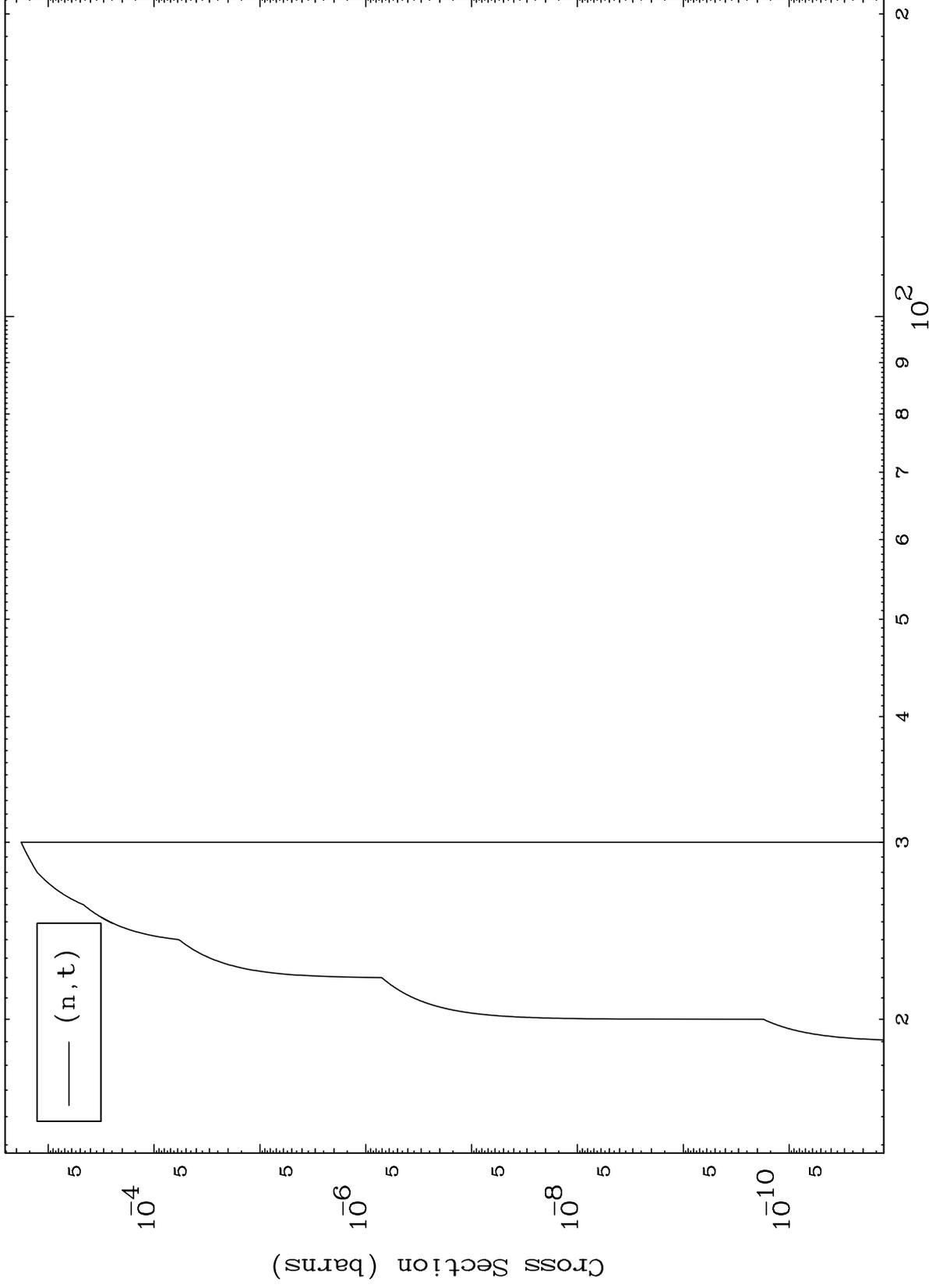
Incident Energy (MeV)

62-Sm-149

MAT 6240

(α, t) Levels
0 Kelvin Cross Sections

62-Sm-149



8

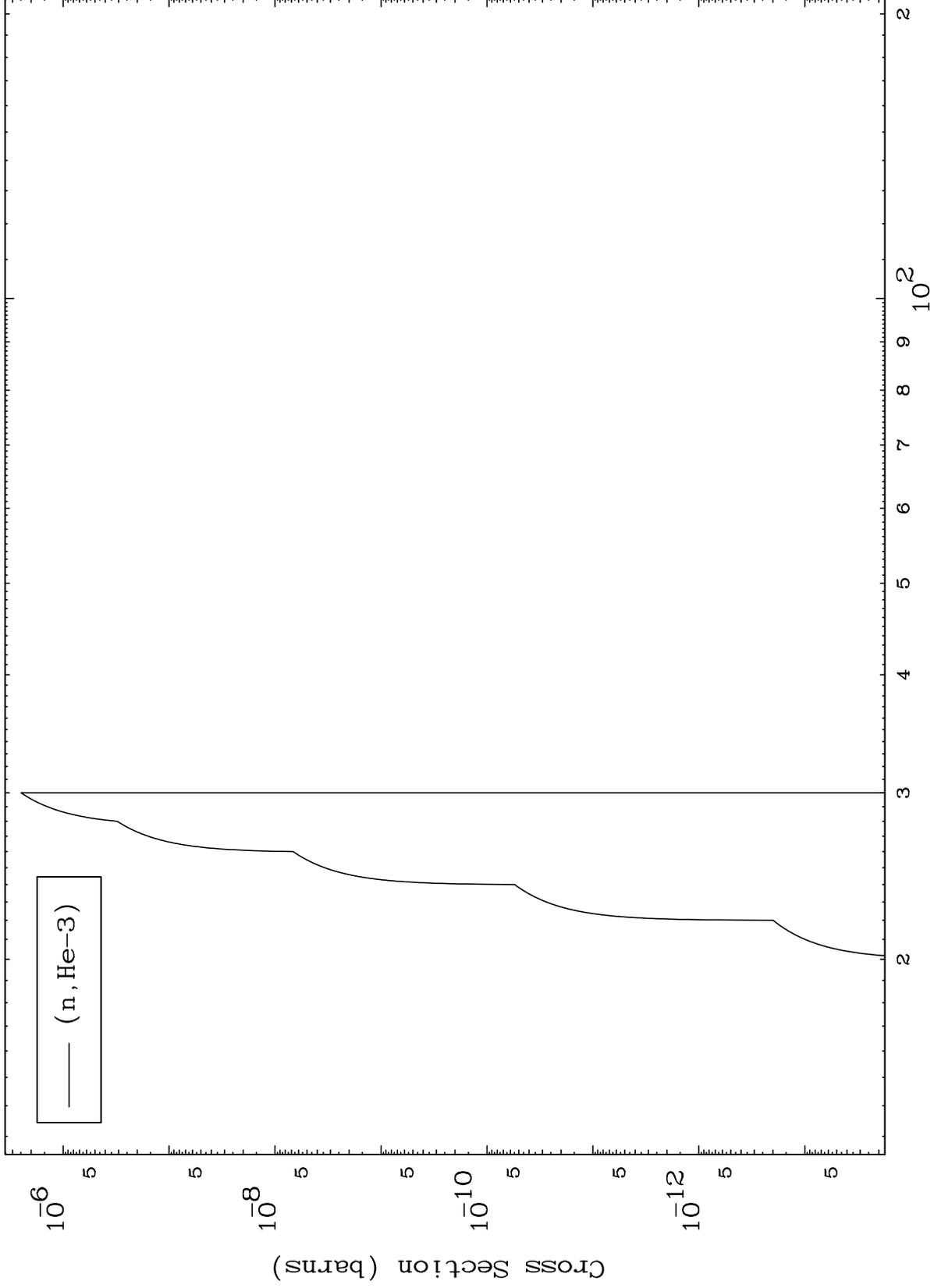
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149

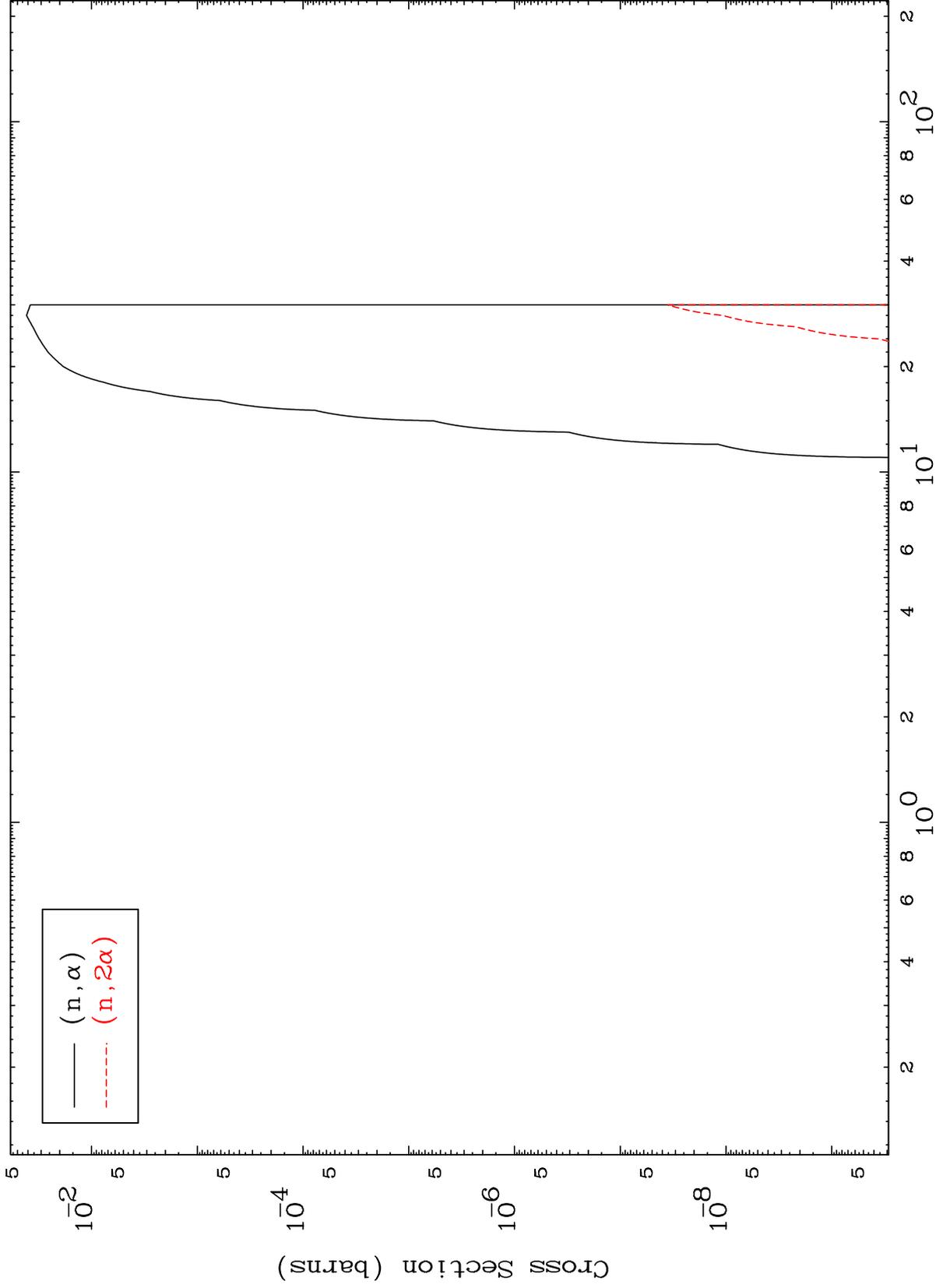


MAT 6240

(α, α) Levels

62-Sm-149

0 Kelvin Cross Sections



10

Incident Energy (MeV)

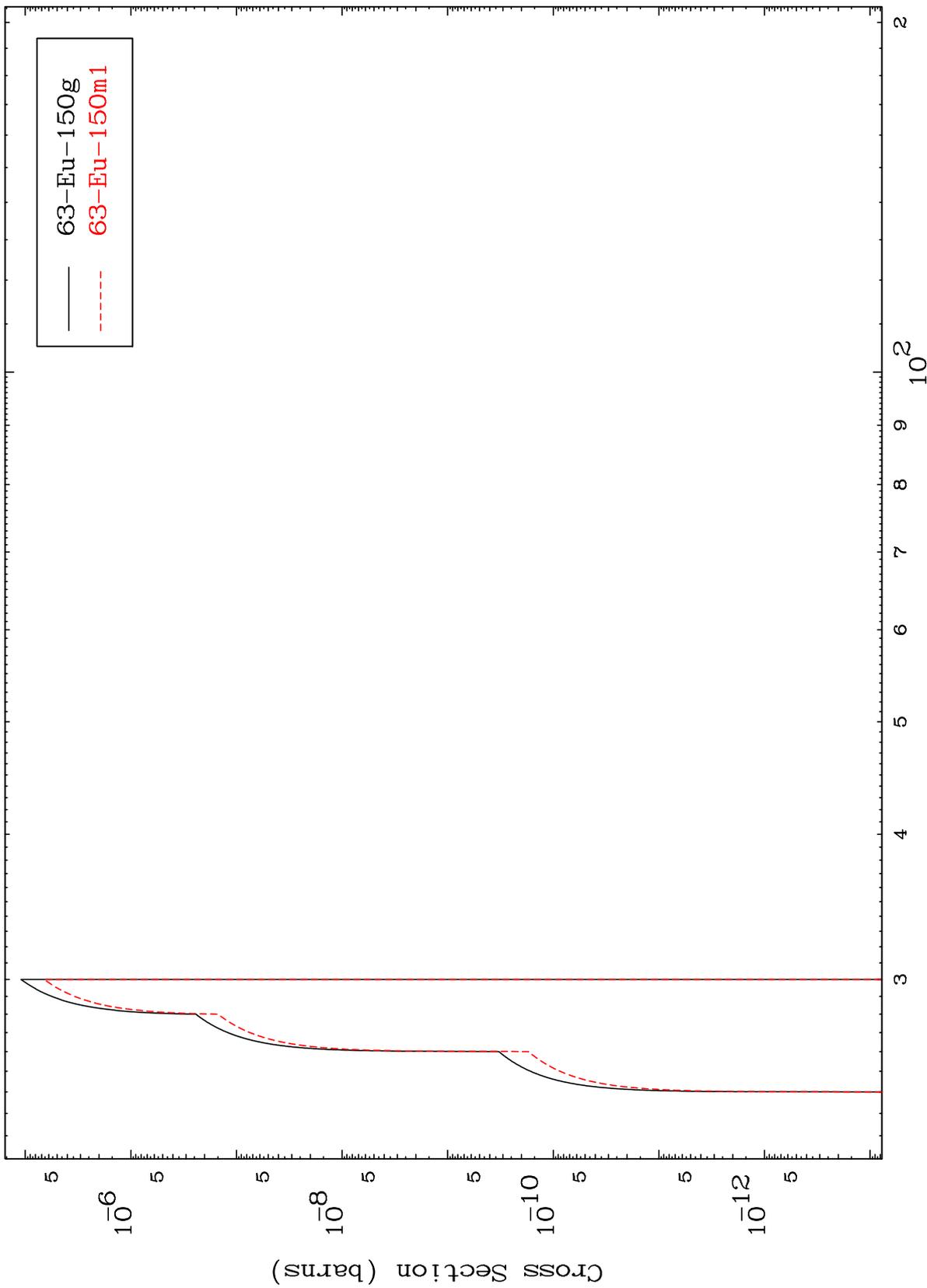
62-Sm-149

MAT 6240

(n,n') d

62-Sm-149

Radionuclide Production Cross Section



11

Incident Energy (MeV)

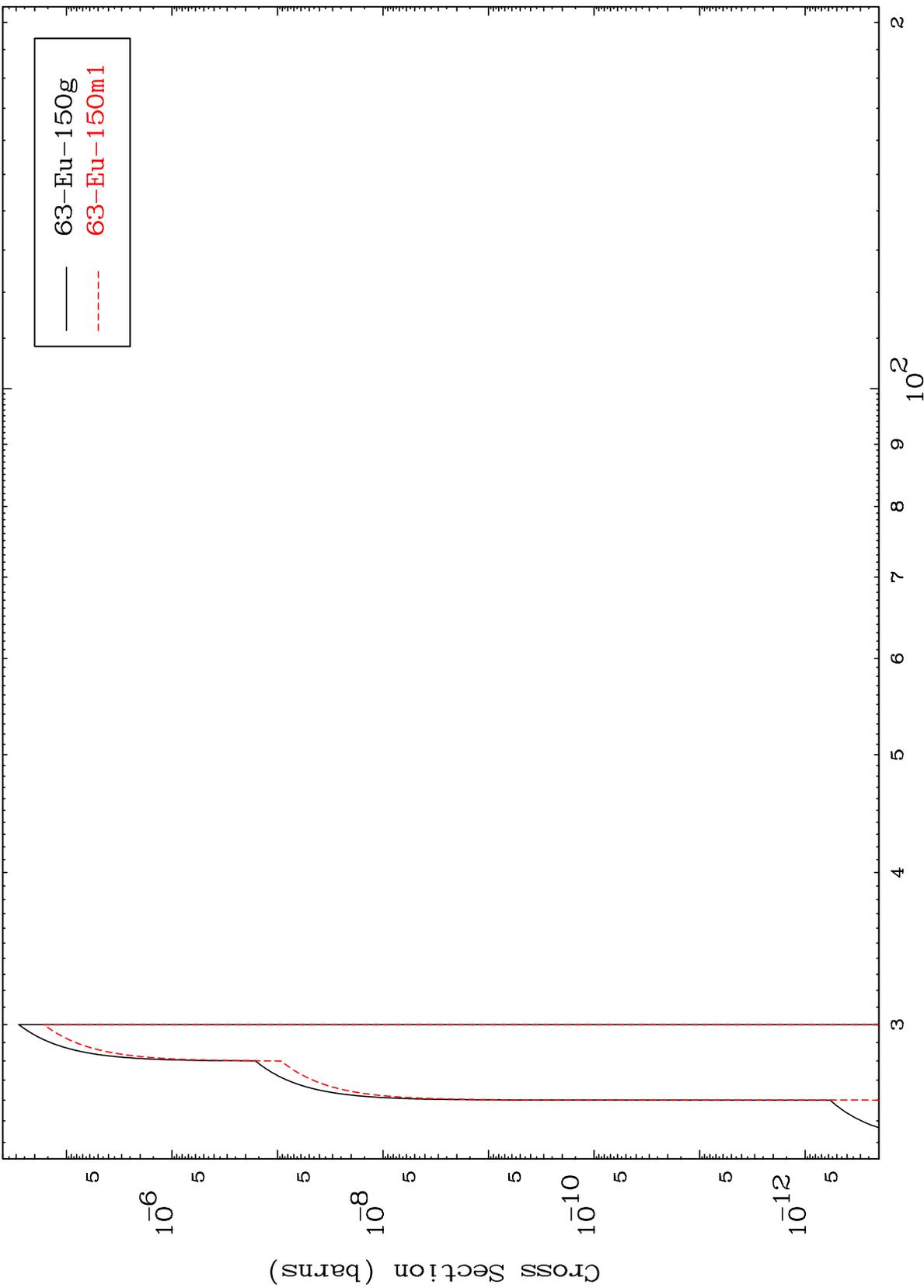
62-Sm-149

MAT 6240

(n,2n) p

62-Sm-149

Radionuclide Production Cross Section



63-Eu-150g
63-Eu-150ml

12

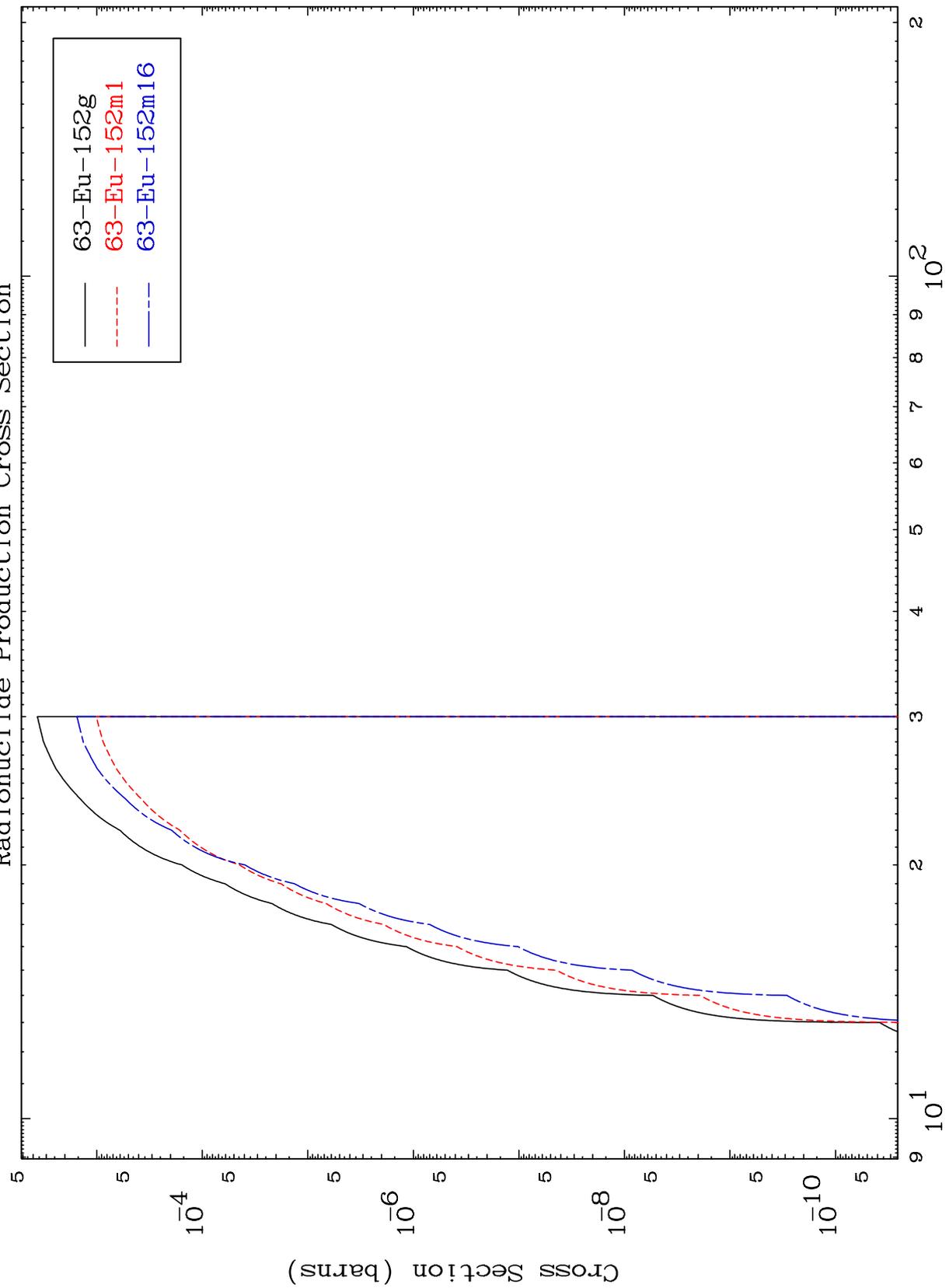
Incident Energy (MeV)

62-Sm-149

MAT 6240

62-Sm-149

(n,p)
Radionuclide Production Cross Section



62-Sm-149

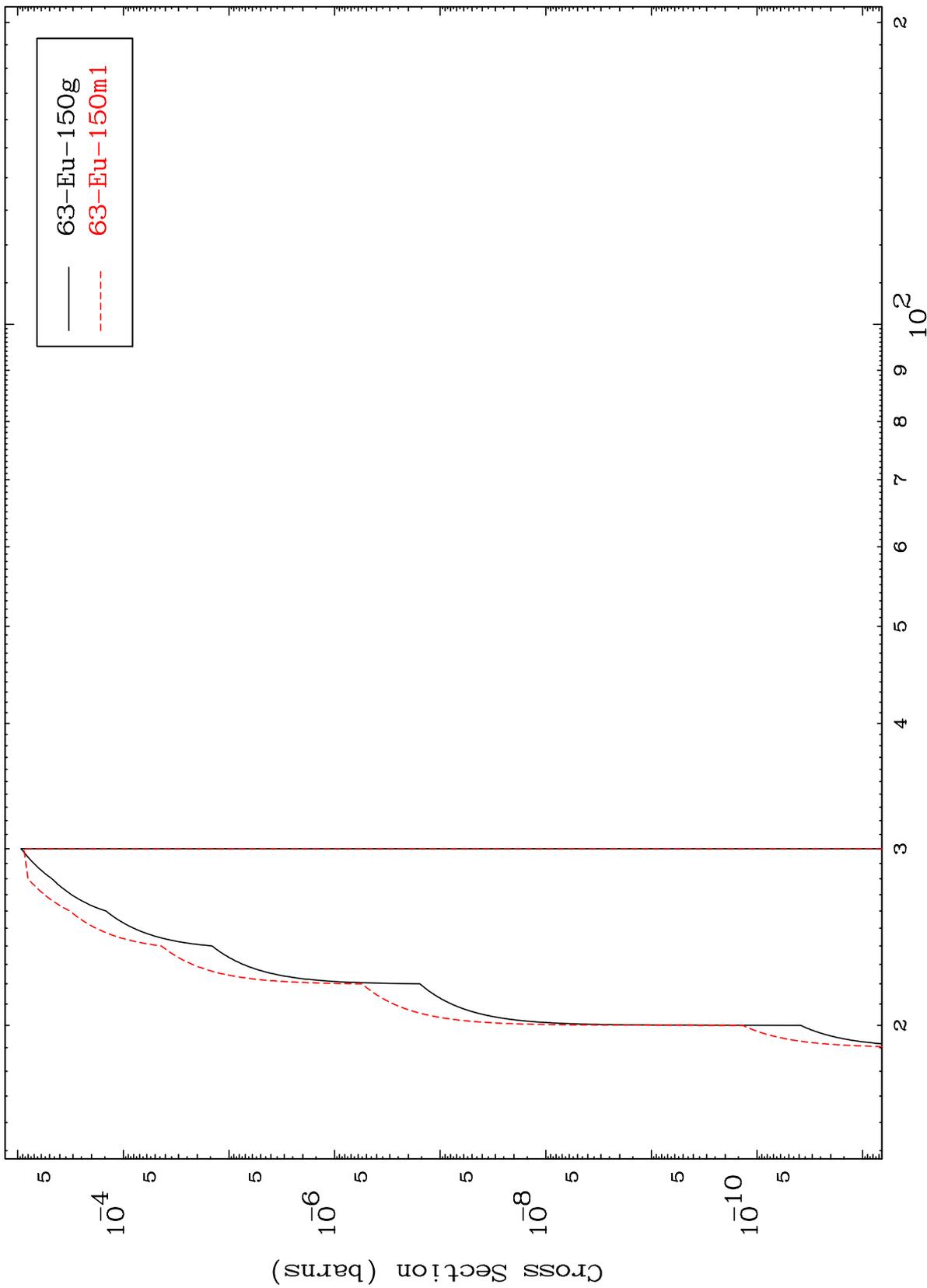
Incident Energy (MeV)

13

MAT 6240

62-Sm-149

(n,t)
Radionuclide Production Cross Section



14

62-Sm-149

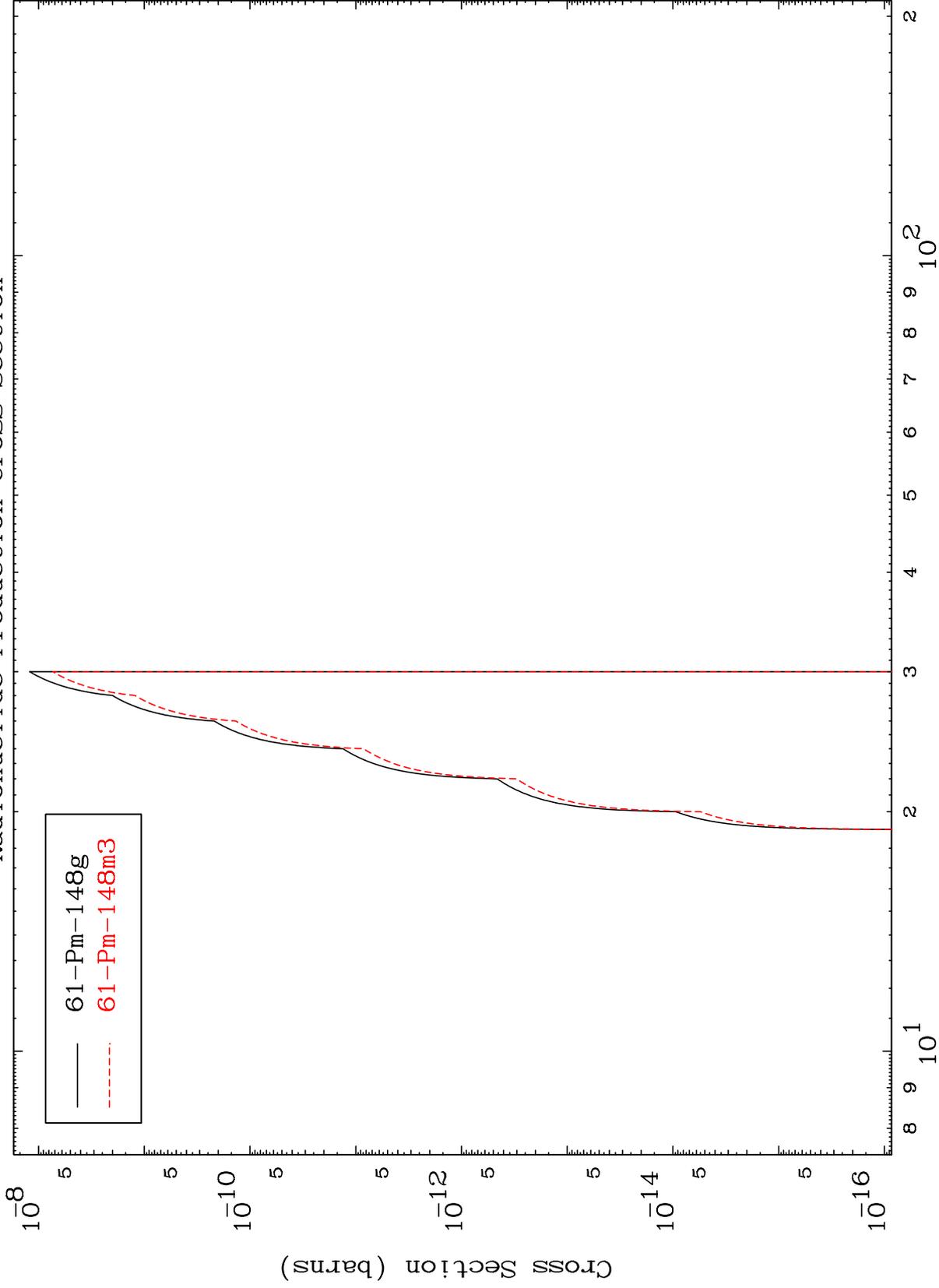
Incident Energy (MeV)

MAT 6240

(n,p) α

62-Sm-149

Radionuclide Production Cross Section



15

Incident Energy (MeV)

62-Sm-149