

Program EVALPLOT
(Version 2021-1)

by

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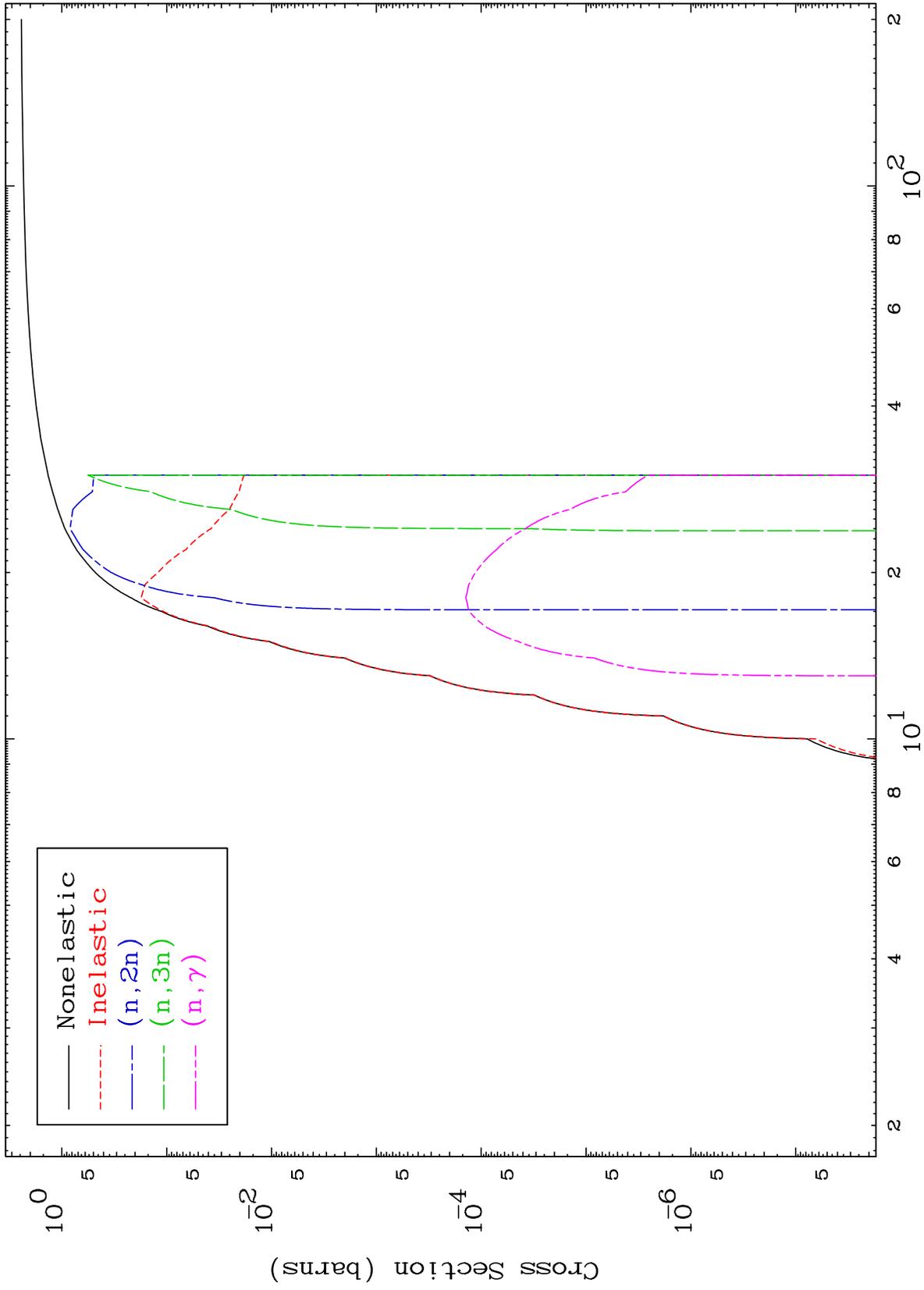
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6240

0 Kelvin α Major
Cross Sections

62-Sm-149



1

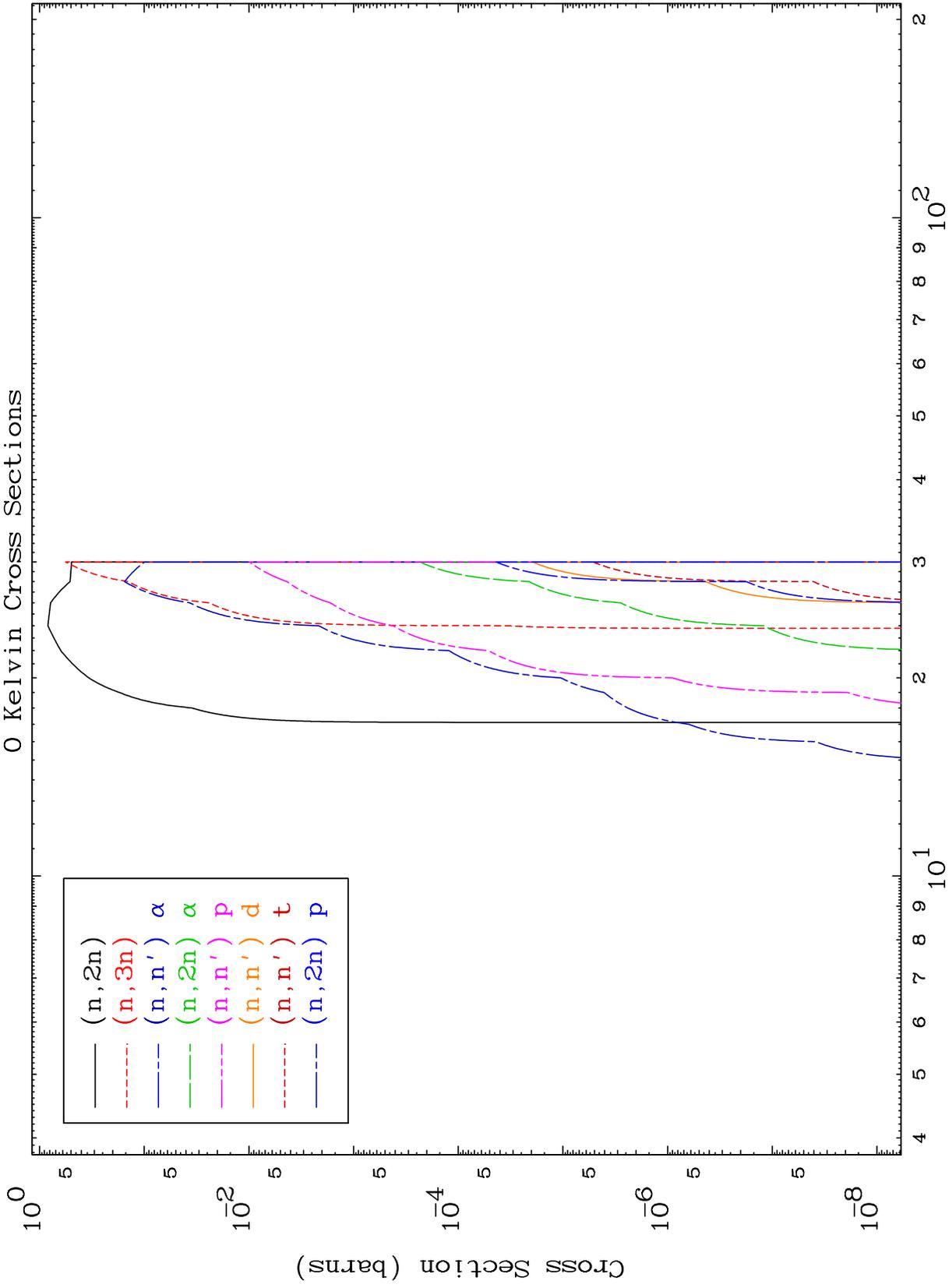
Incident Energy (MeV)

62-Sm-149

MAT 6240

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-149



2

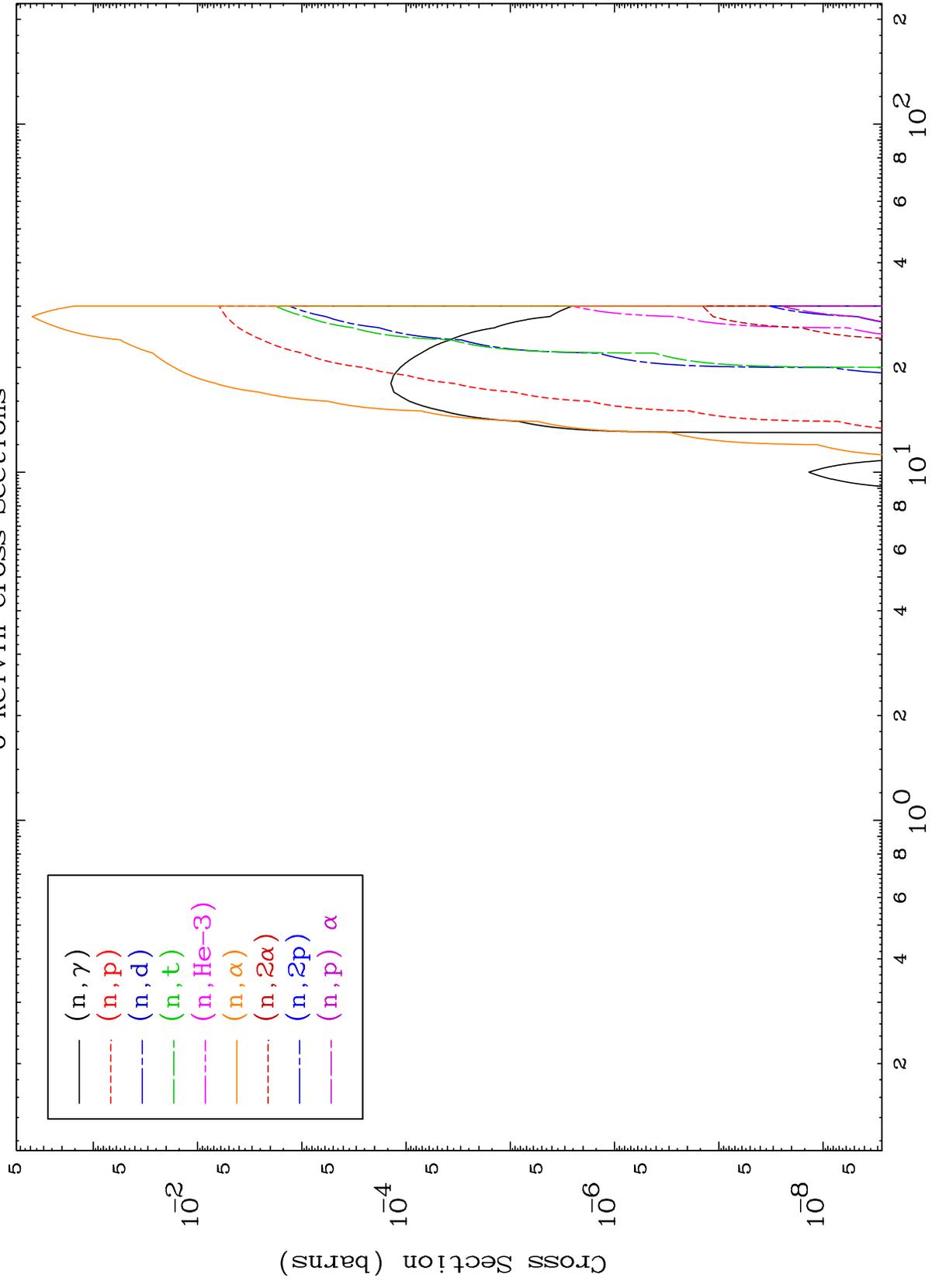
Incident Energy (MeV)

62-Sm-149

MAT 6240

α Neutron Absorption
0 Kelvin Cross Sections

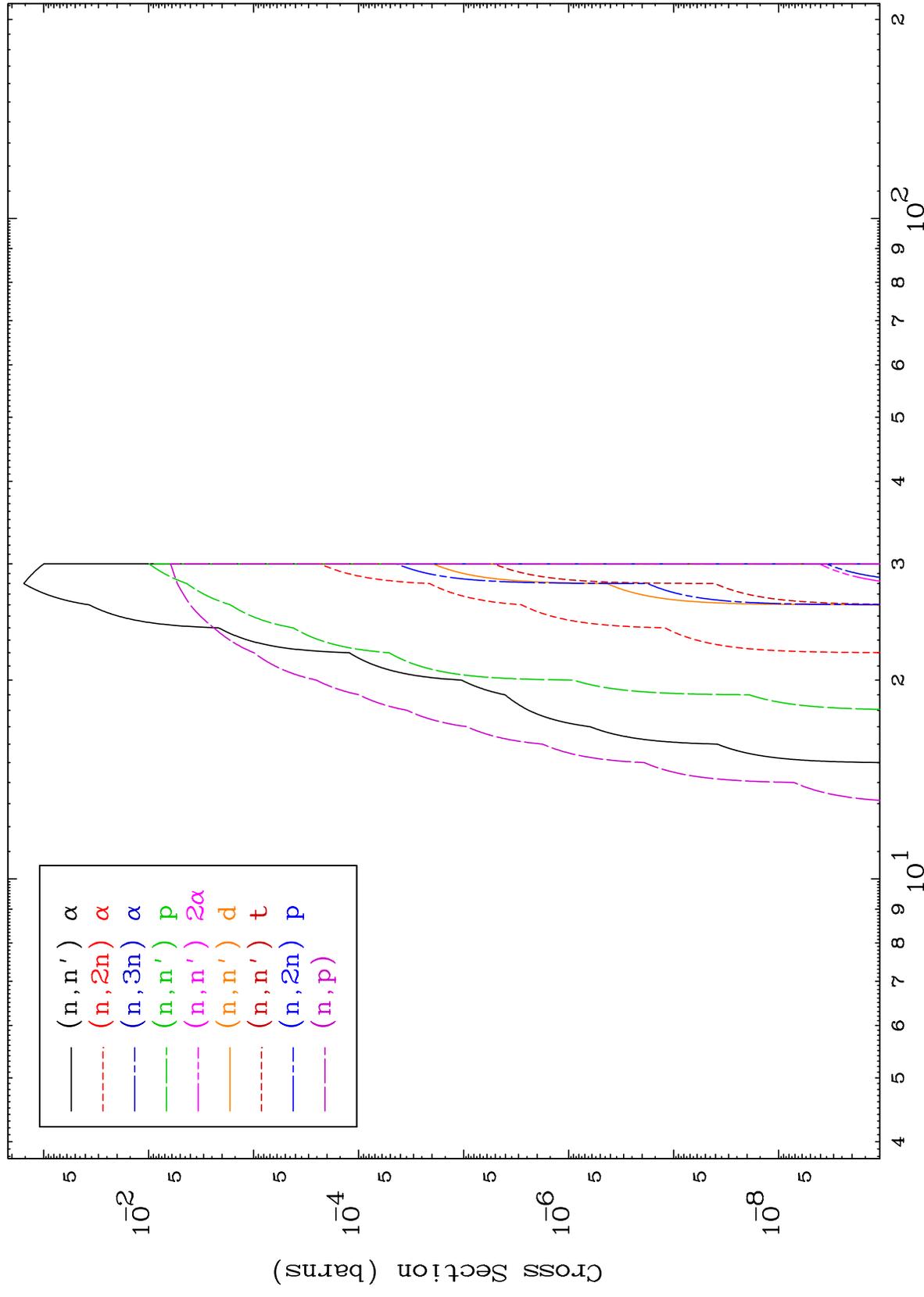
62-Sm-149



3

Incident Energy (MeV)

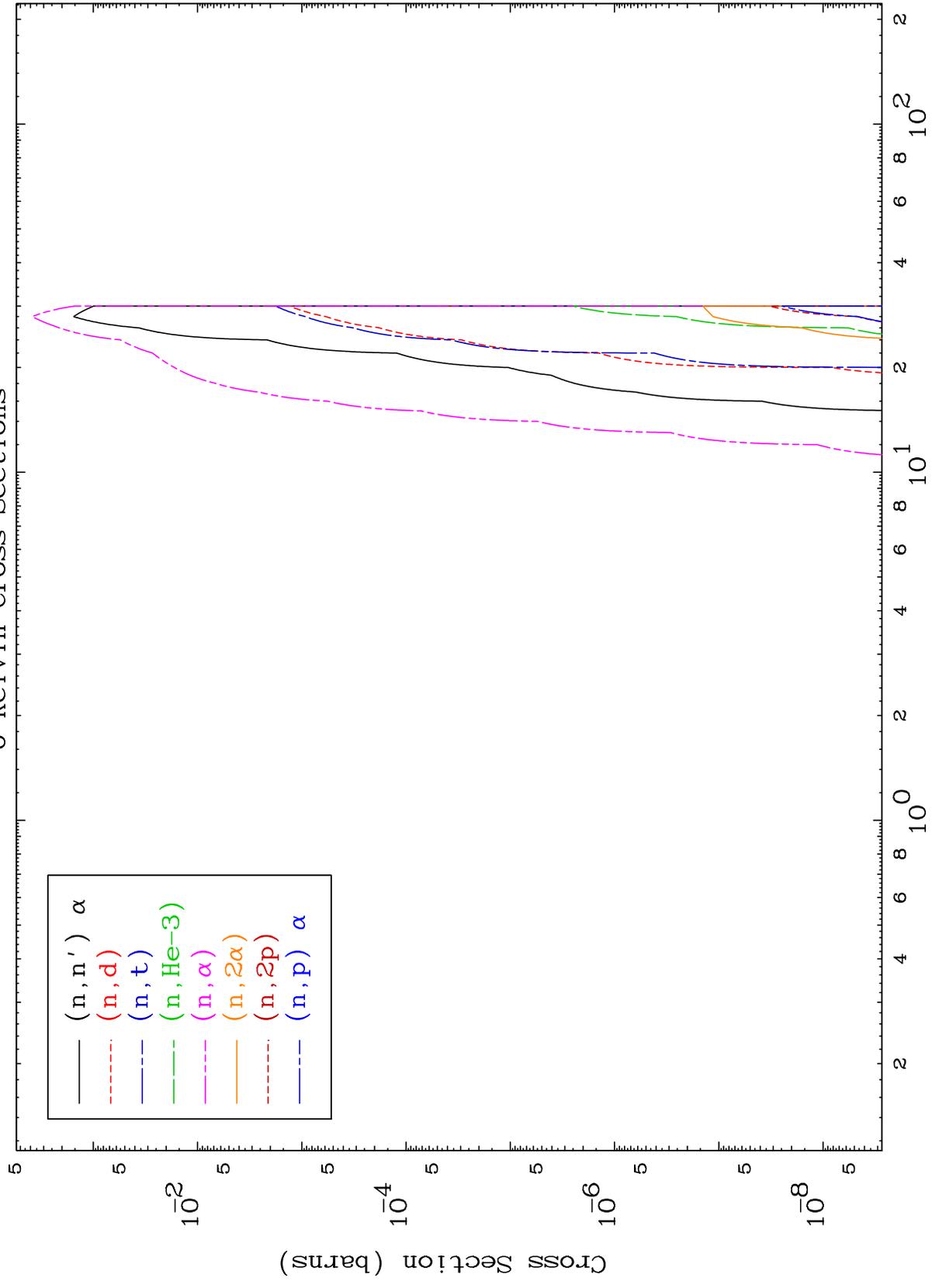
62-Sm-149



MAT 6240

α Charged Particle
0 Kelvin Cross Sections

62-Sm-149



5

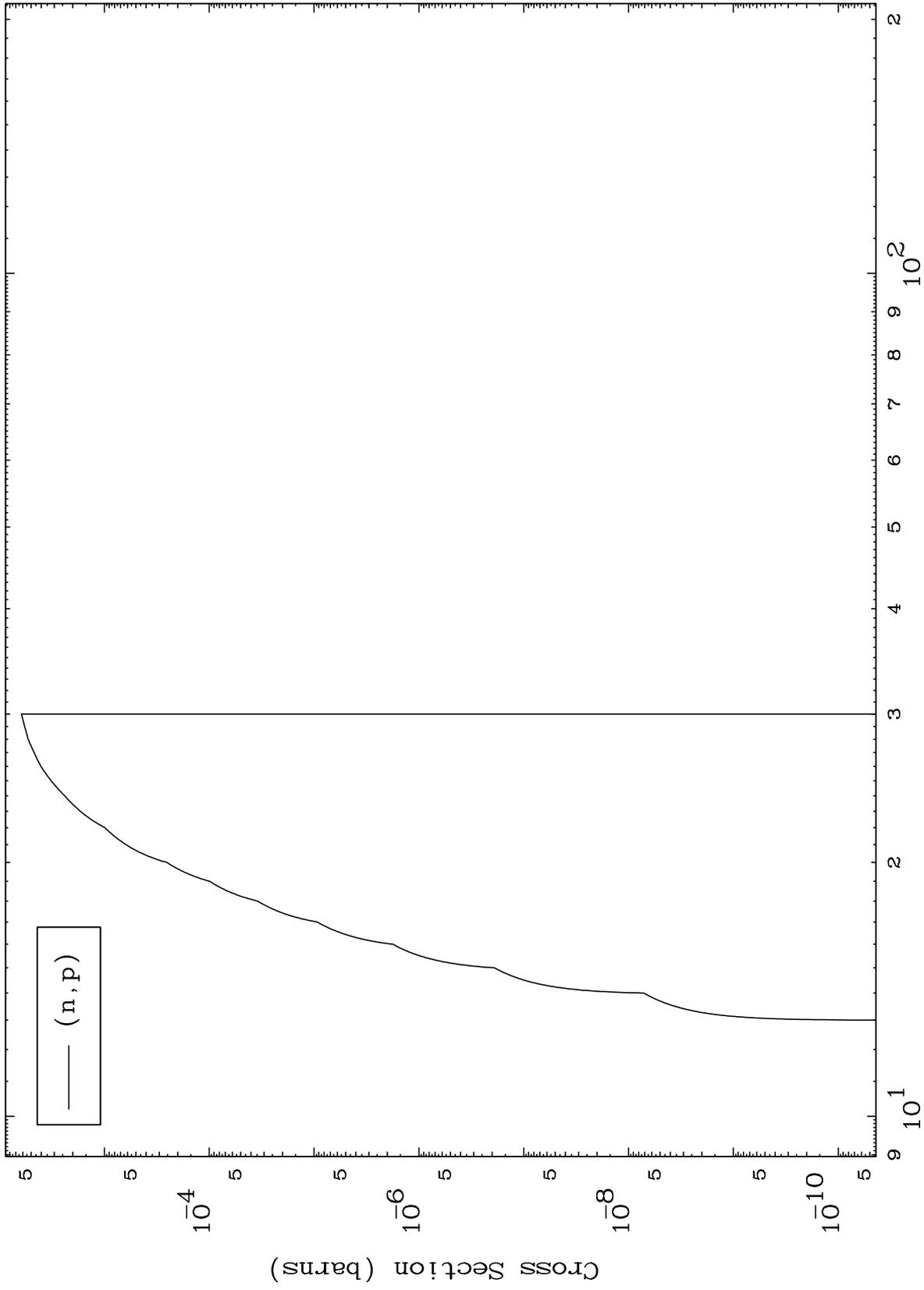
Incident Energy (MeV)

62-Sm-149

MAT 6240

(α, p) Levels
0 Kelvin Cross Sections

62-Sm-149



6

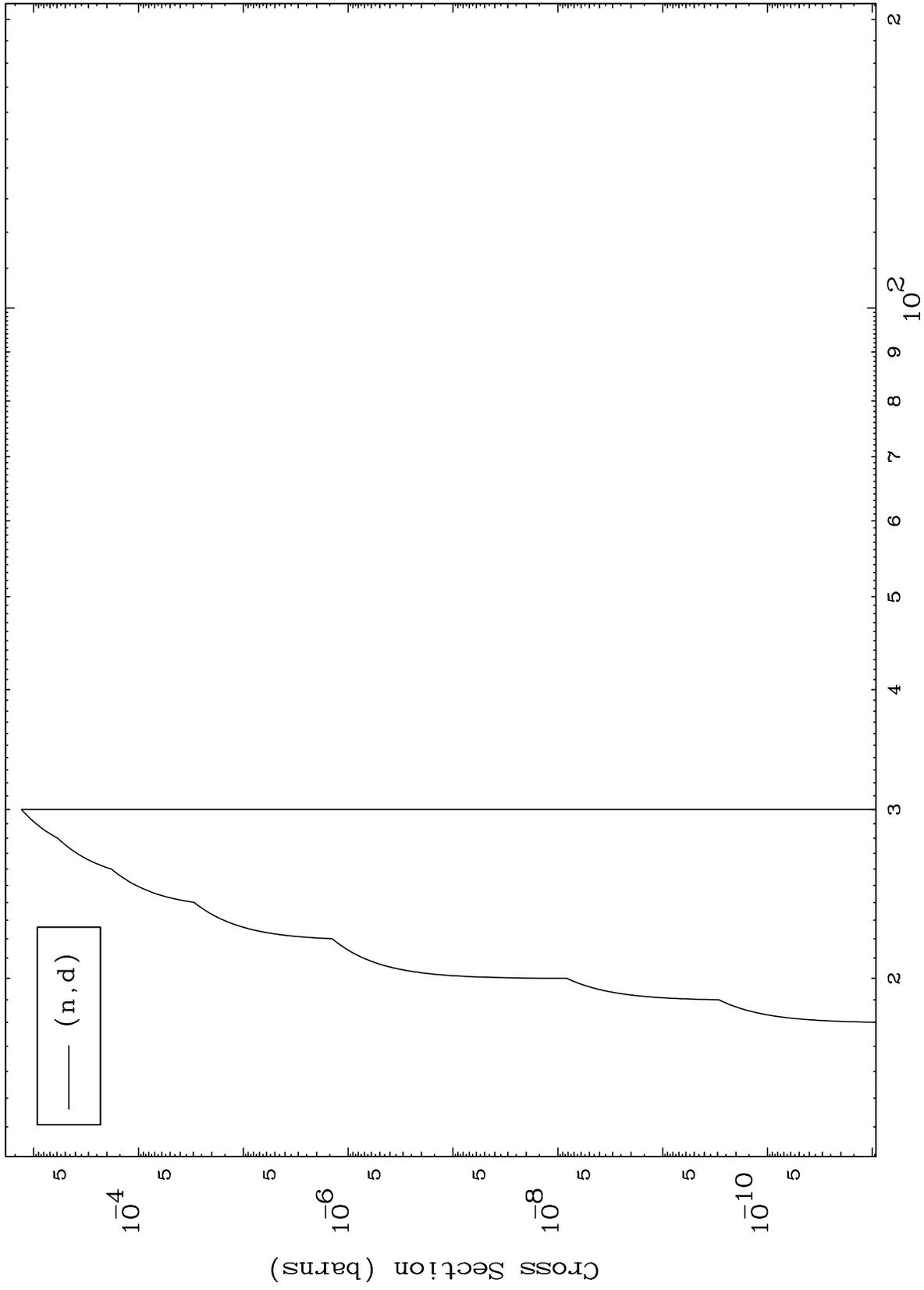
Incident Energy (MeV)

62-Sm-149

MAT 6240

(α, d) Levels
0 Kelvin Cross Sections

62-Sm-149



7

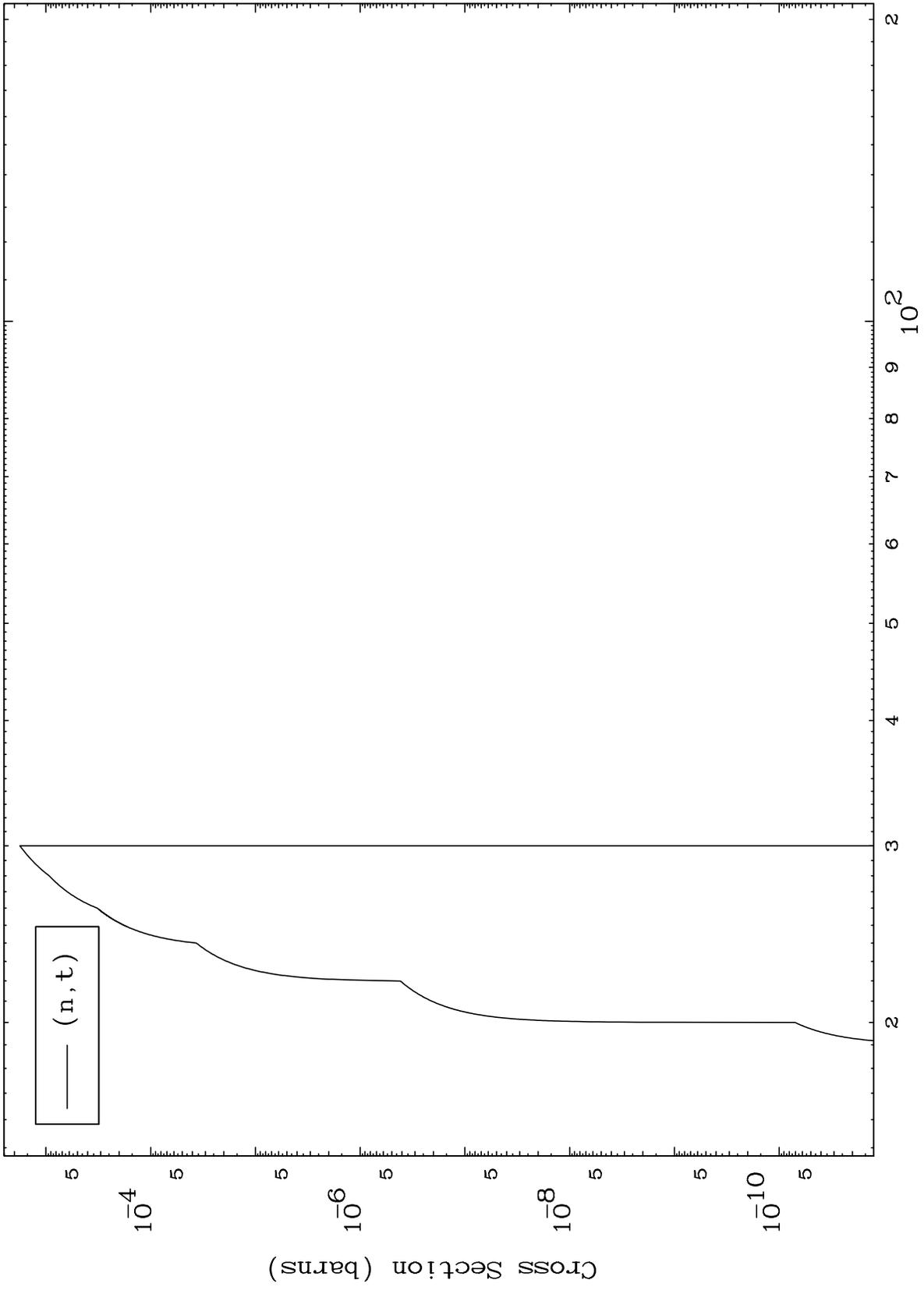
Incident Energy (MeV)

62-Sm-149

MAT 6240

(α, t) Levels
0 Kelvin Cross Sections

62-Sm-149



8

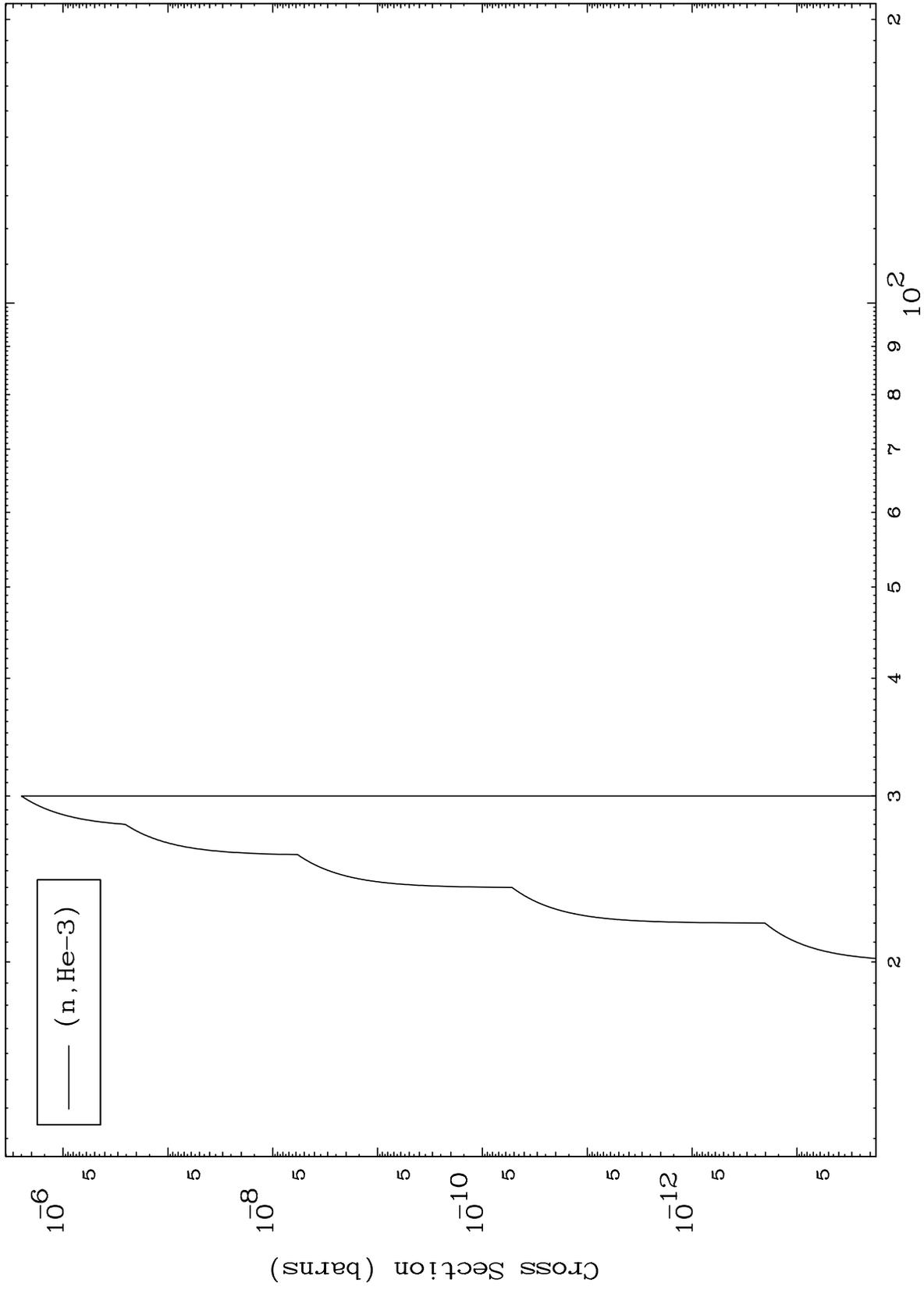
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

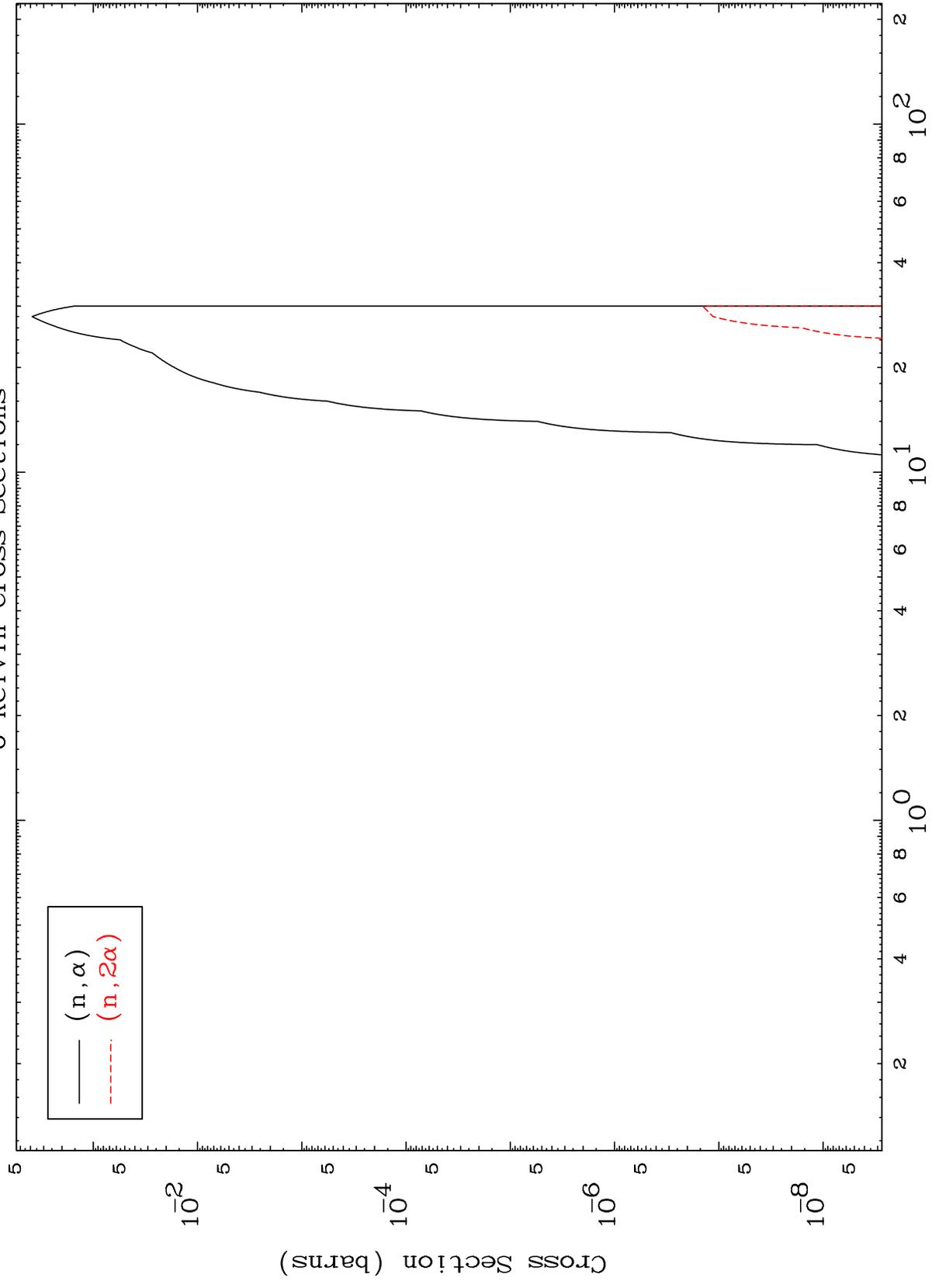
62-Sm-149



MAT 6240

(α, α) Levels
0 Kelvin Cross Sections

62-Sm-149



10

Incident Energy (MeV)

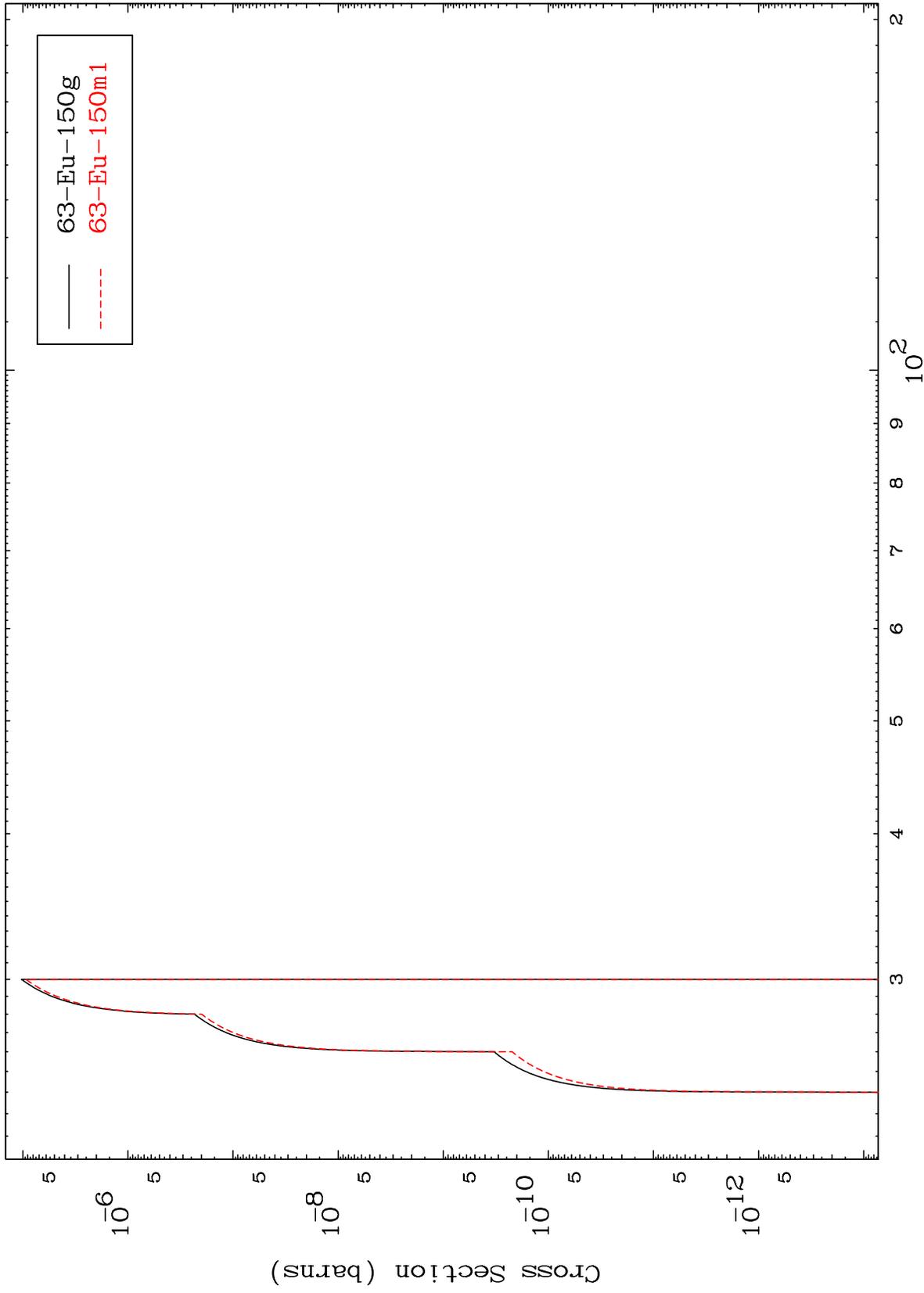
62-Sm-149

MAT 6240

(n,n') d

62-Sm-149

Radionuclide Production Cross Section



11

Incident Energy (MeV)

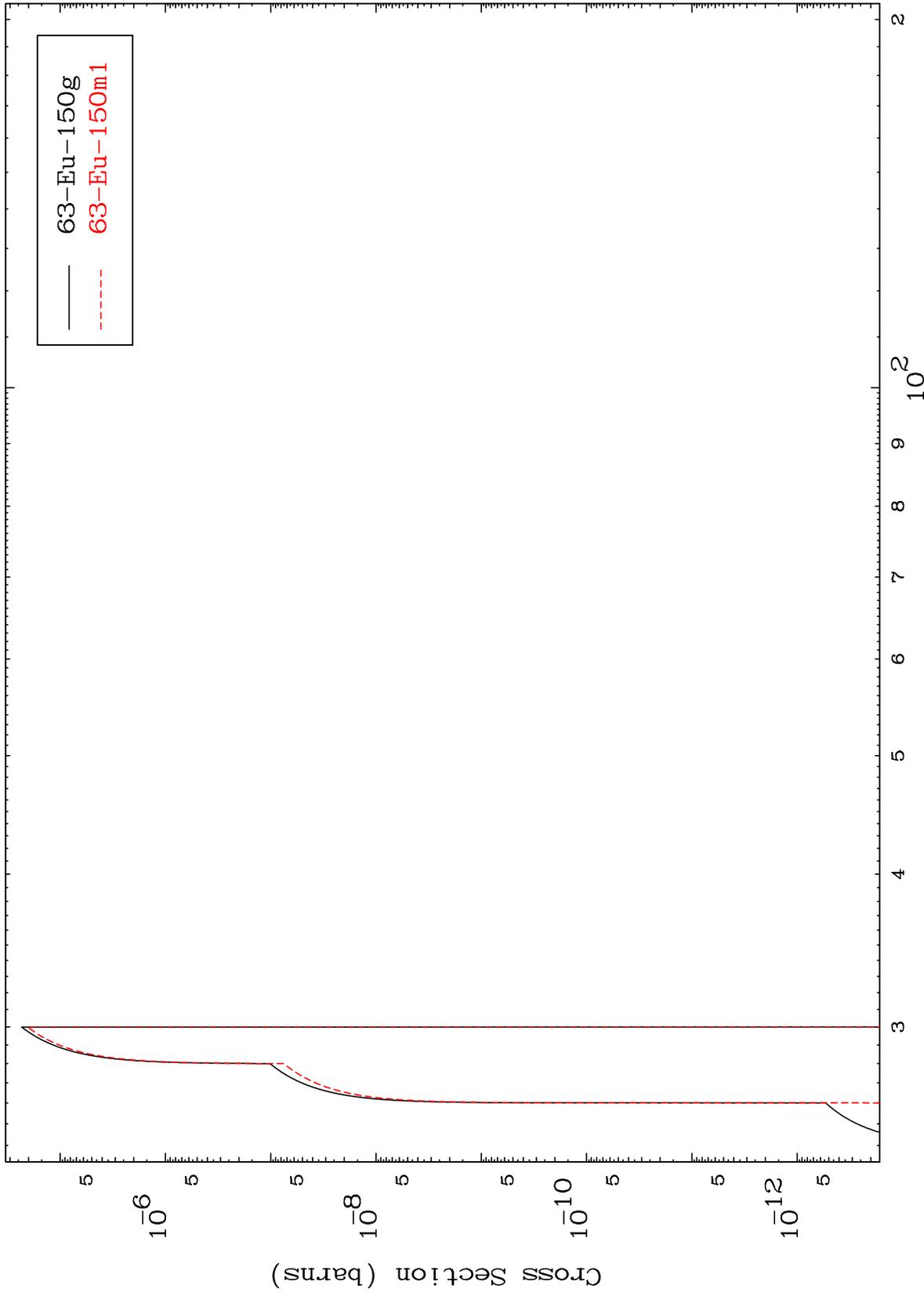
62-Sm-149

MAT 6240

(n,2n) p

62-Sm-149

Radionuclide Production Cross Section



12

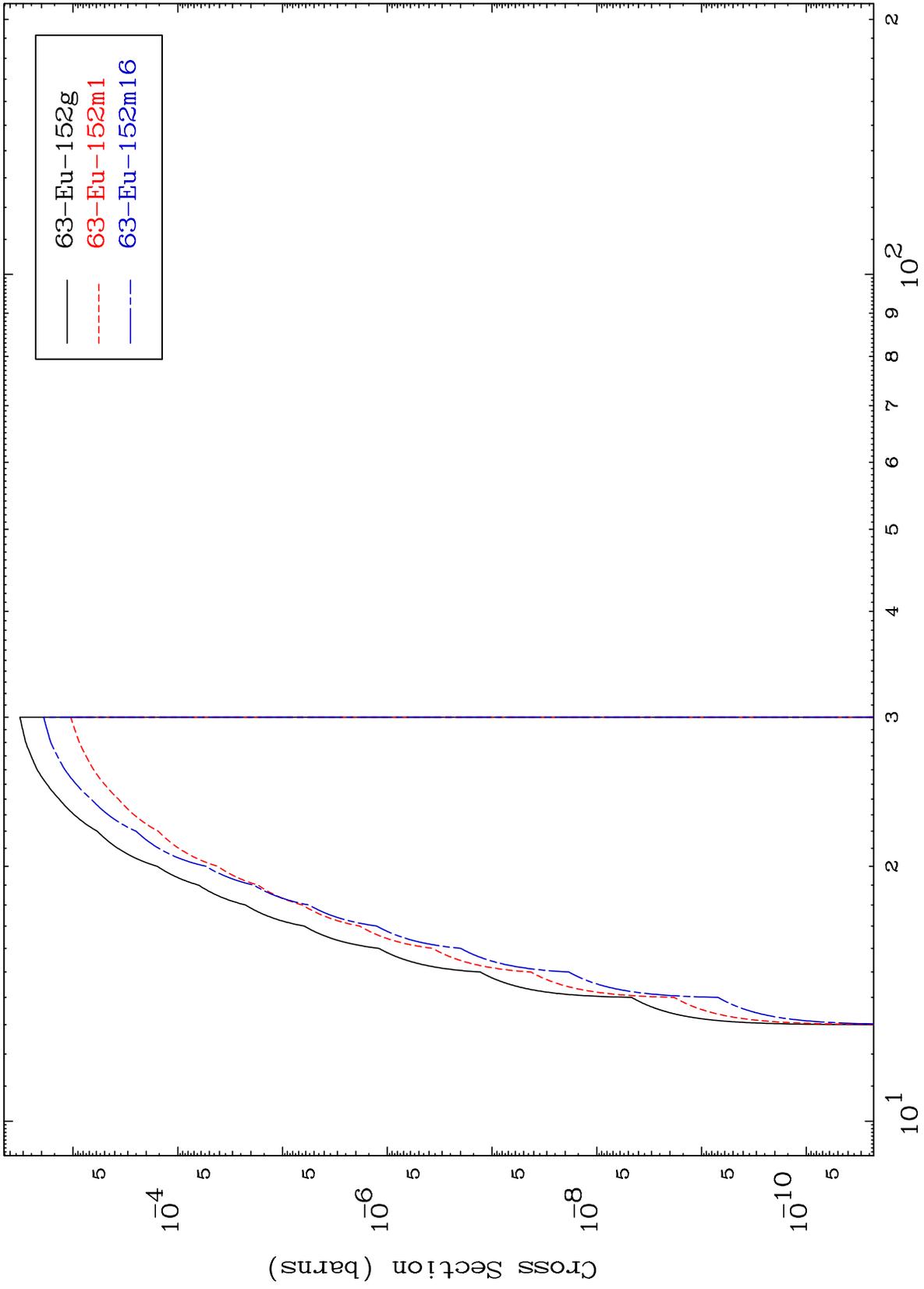
Incident Energy (MeV)

62-Sm-149

MAT 6240

62-Sm-149

(n,p)
Radionuclide Production Cross Section



13

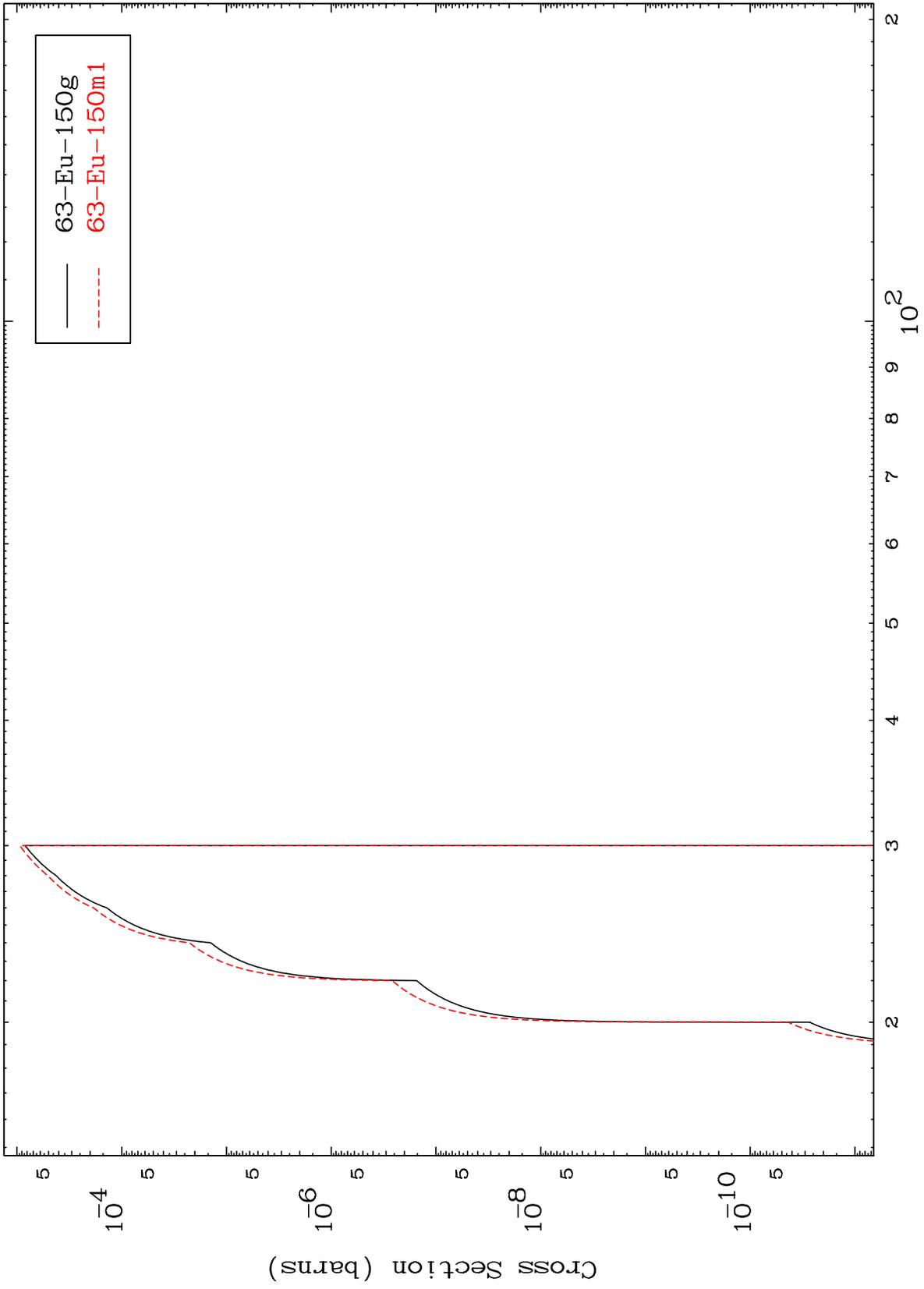
Incident Energy (MeV)

62-Sm-149

MAT 6240

62-Sm-149

(n, t)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

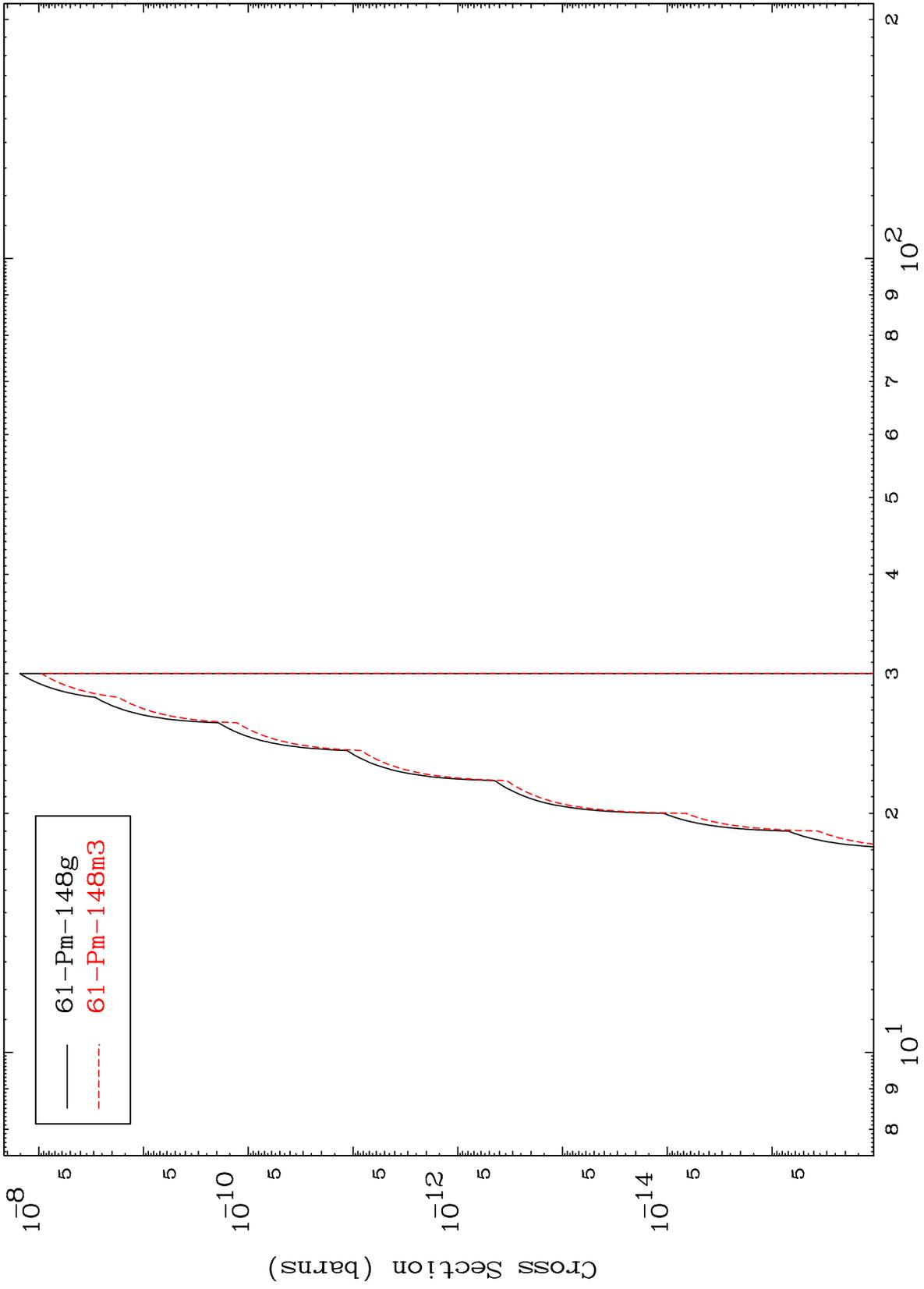
62-Sm-149

MAT 6240

(n,p) α

62-Sm-149

Radionuclide Production Cross Section



15

Incident Energy (MeV)

62-Sm-149