

Program EVALPLOT
(Version 2021-1)

by

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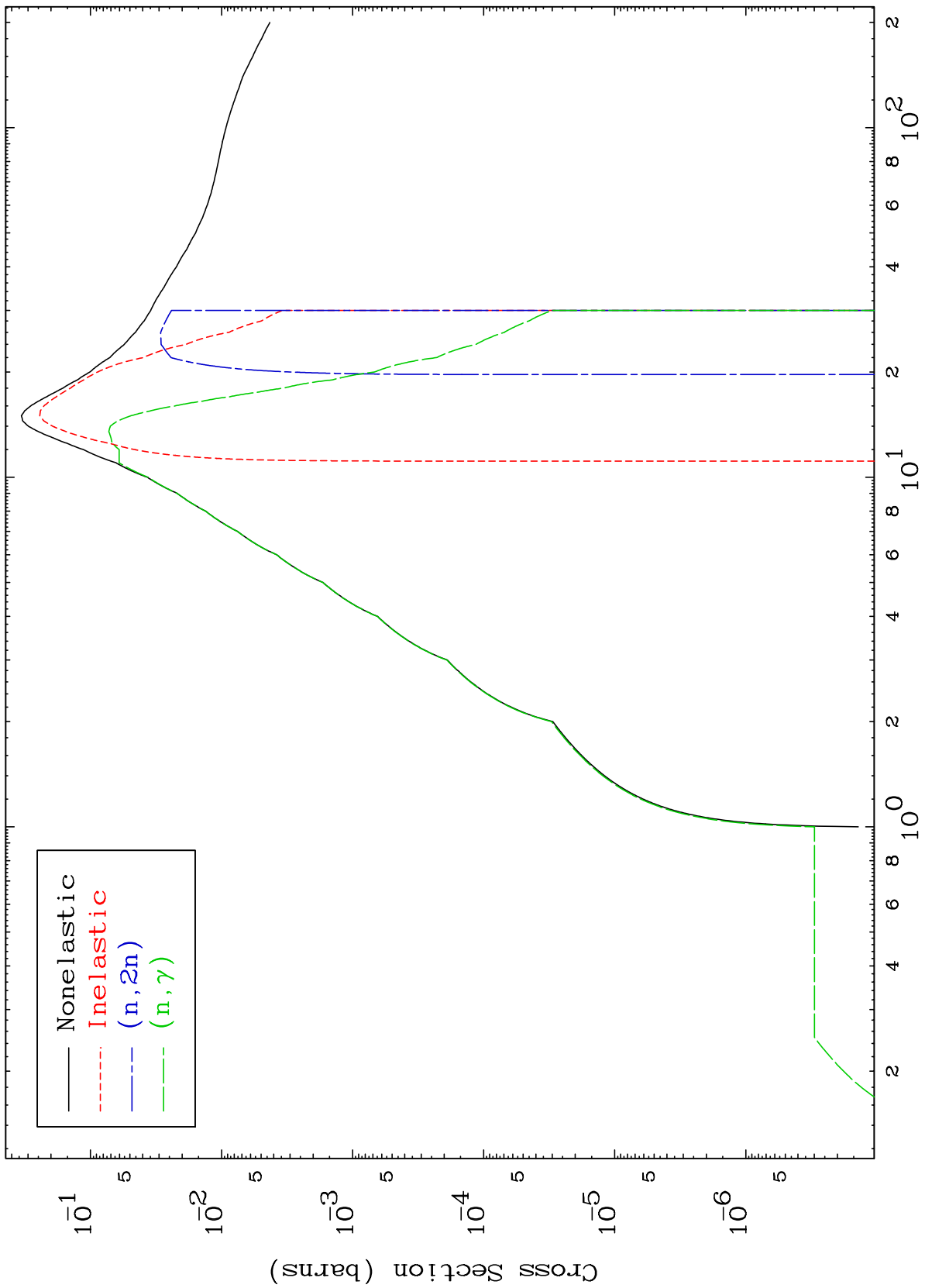
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6219

Photon Major
0 Kelvin Cross Sections

62-Sm-142



1

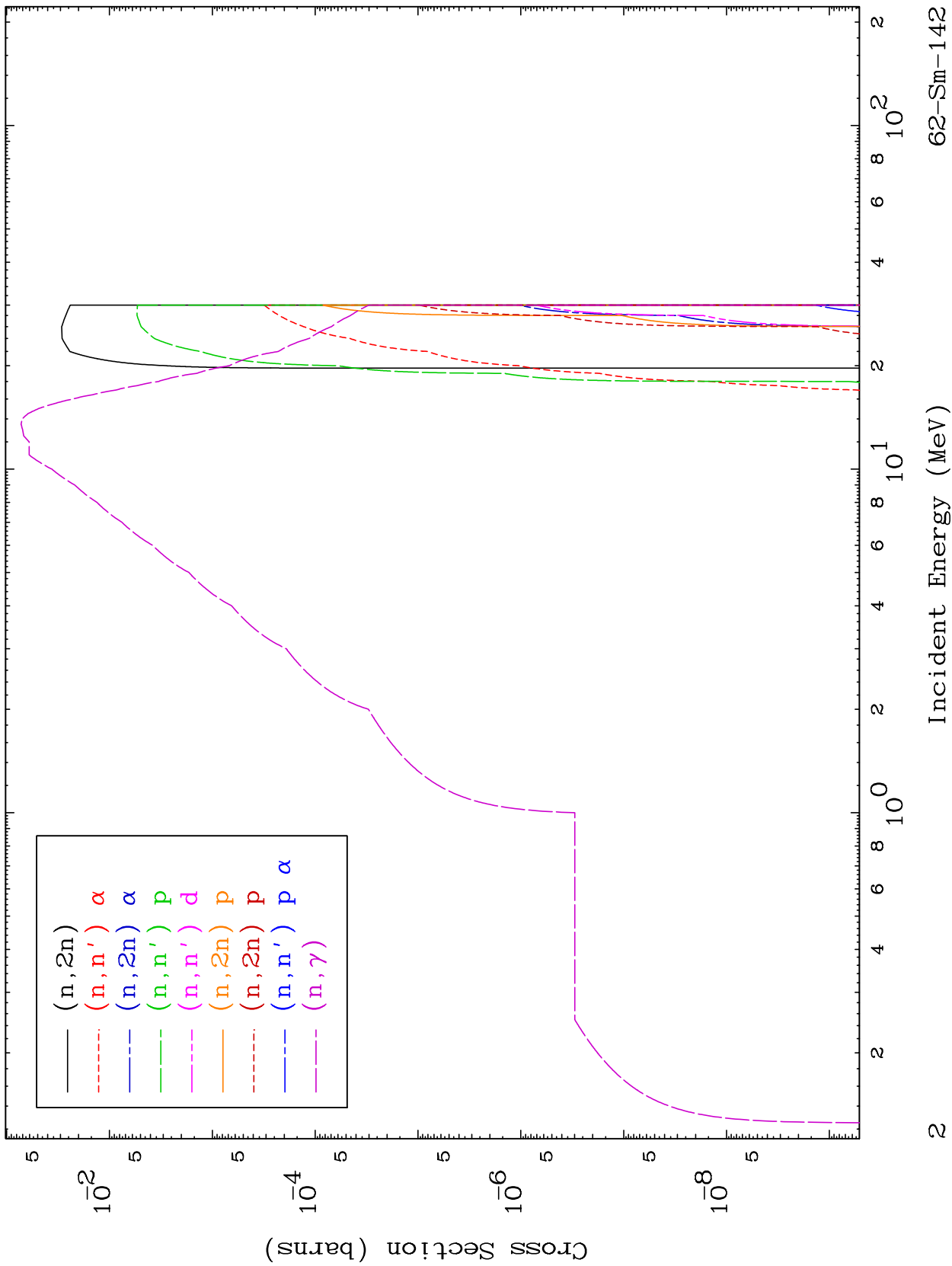
Incident Energy (MeV)

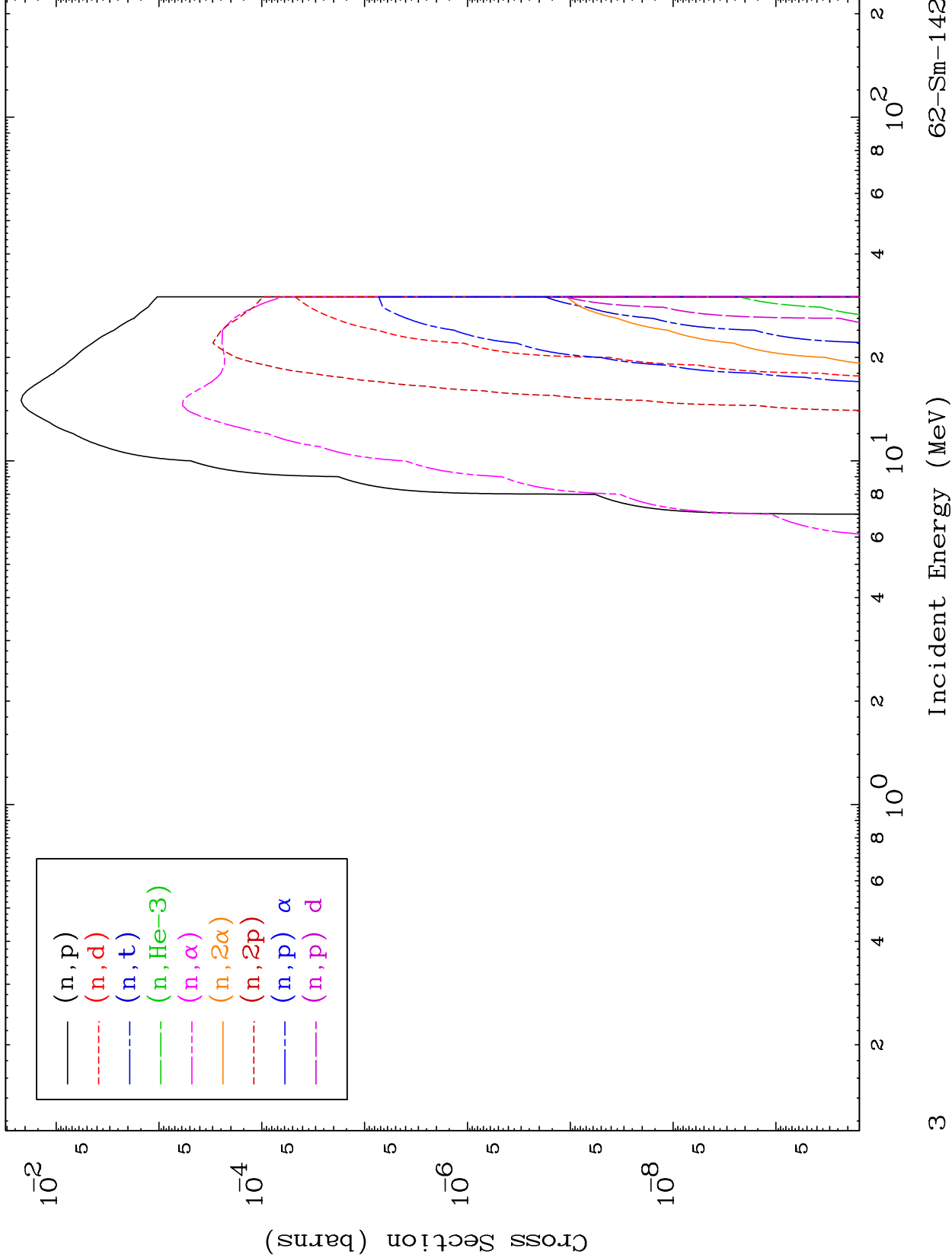
62-Sm-142

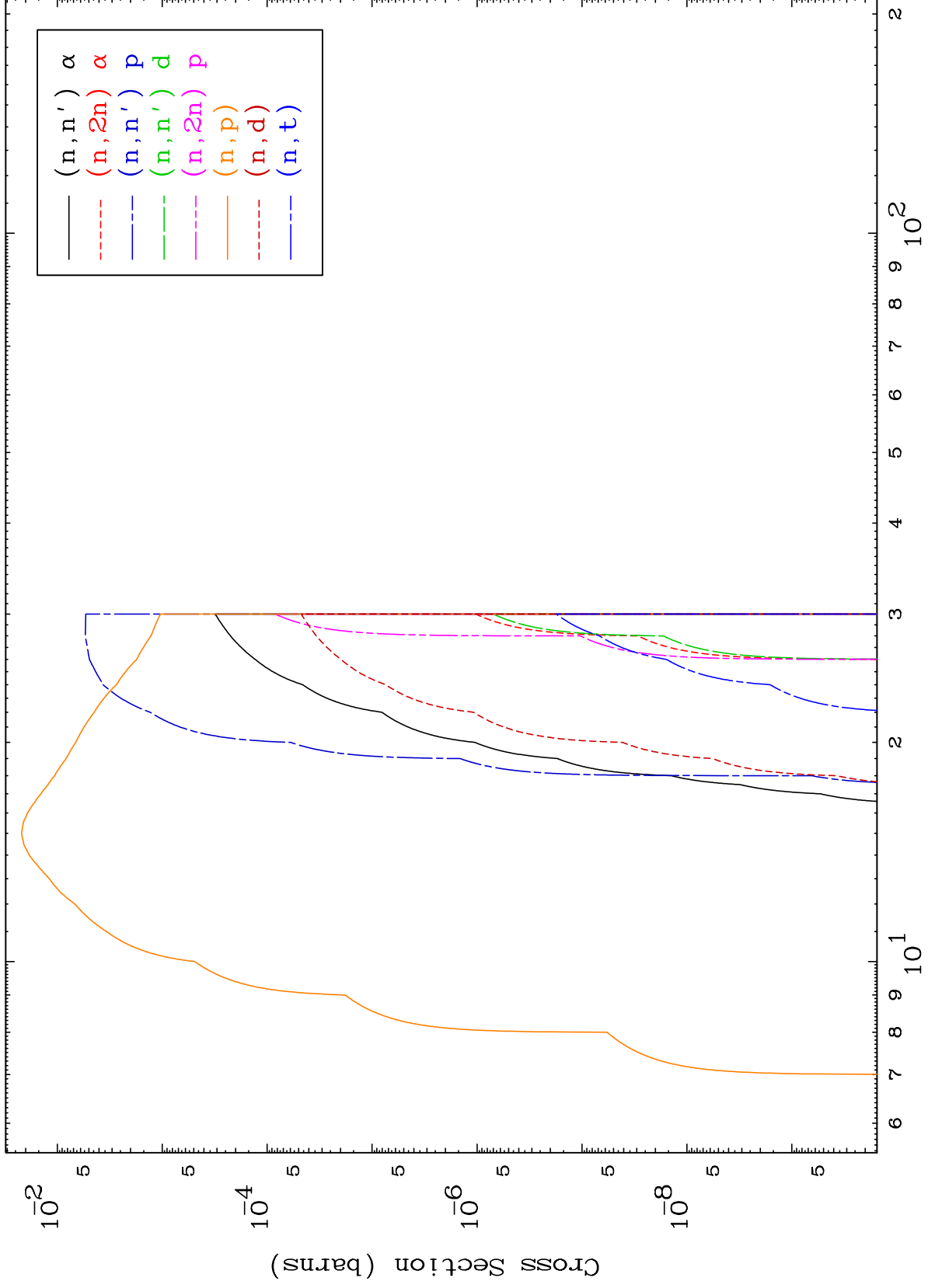
MAT 6219

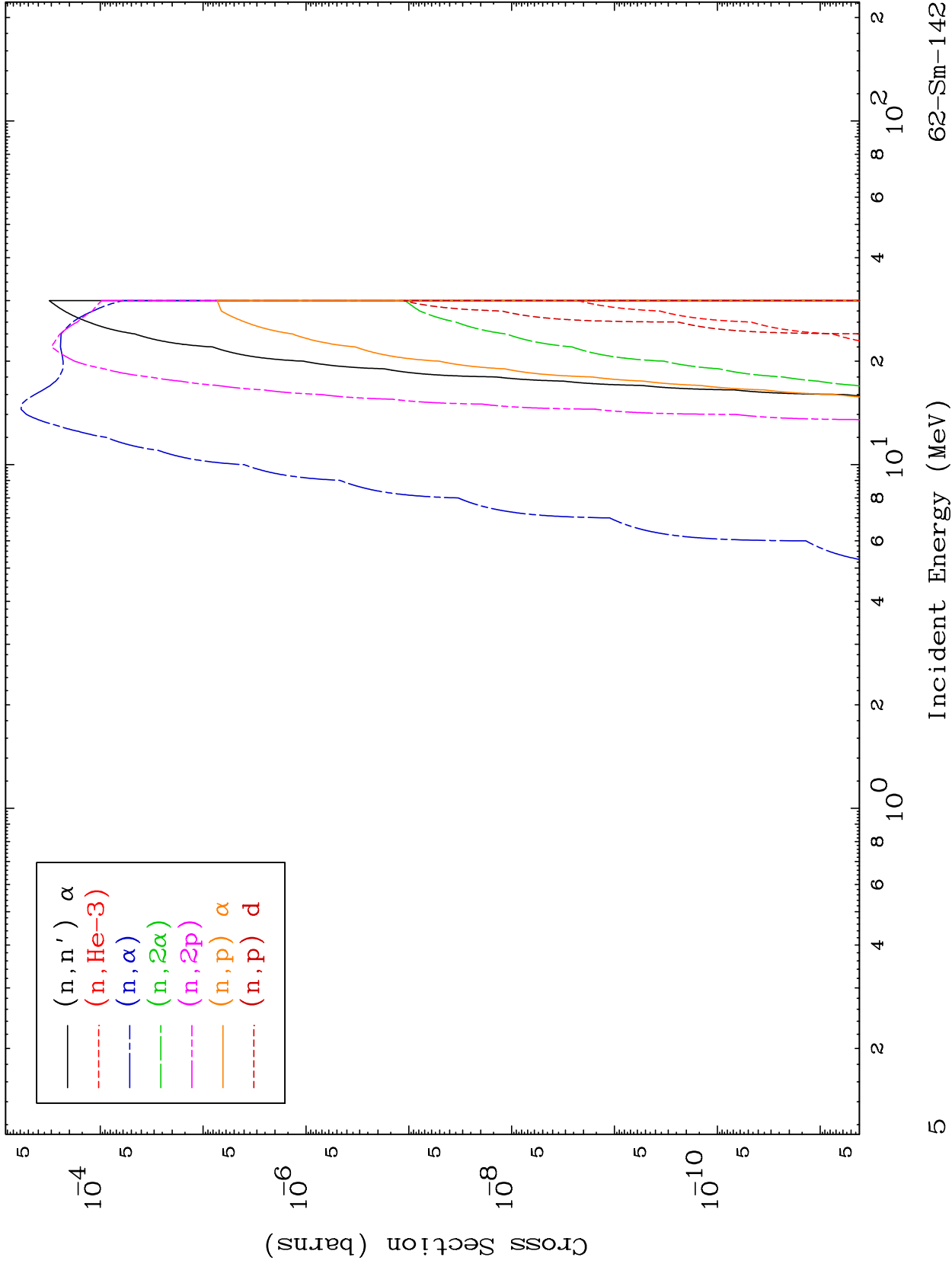
Photon Neutron Absorption
0 Kelvin Cross Sections

62-Sm-142







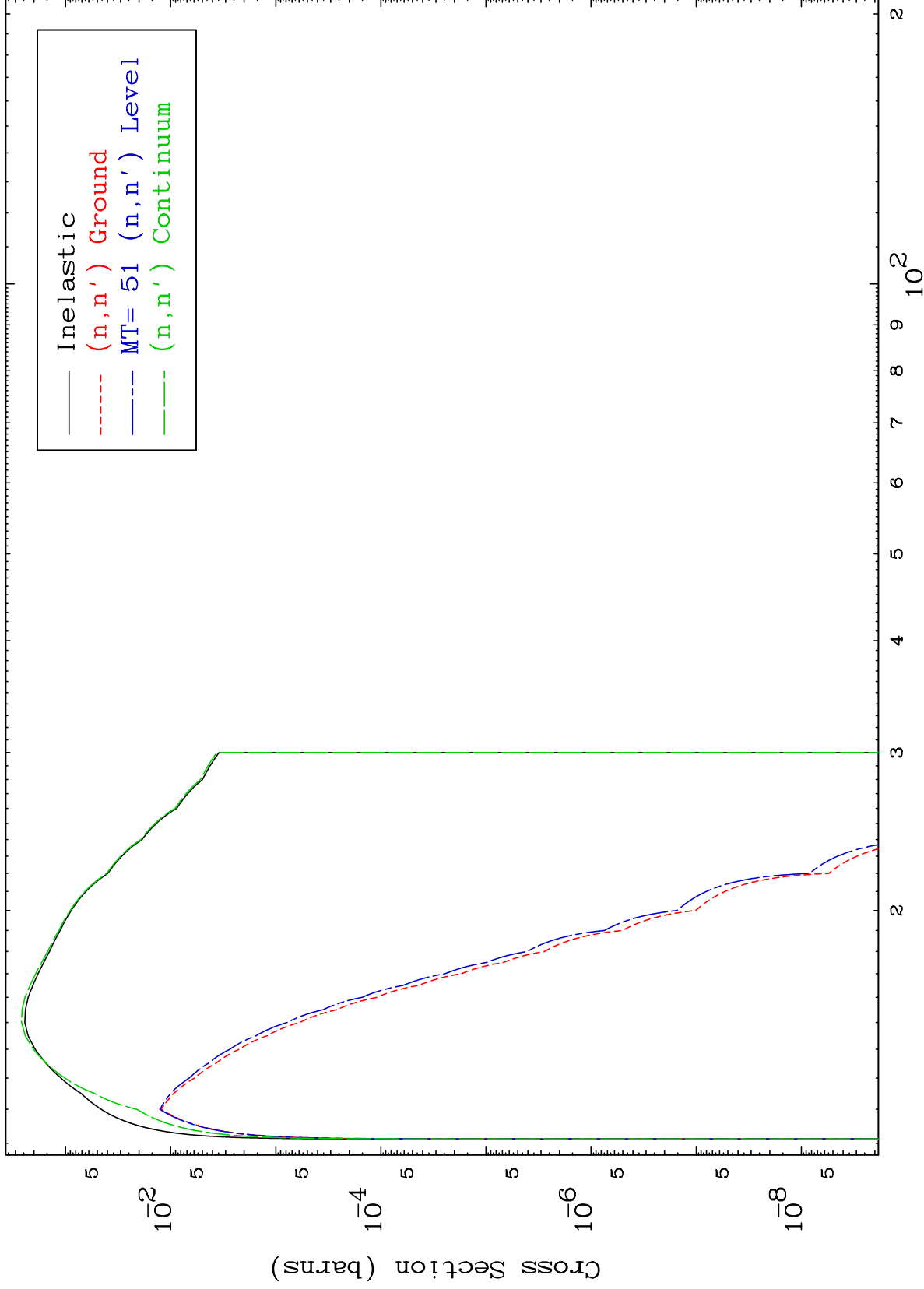


MAT 6219

(γ, n') Levels

62-Sm-142

0 Kelvin Cross Sections



Incident Energy (MeV)

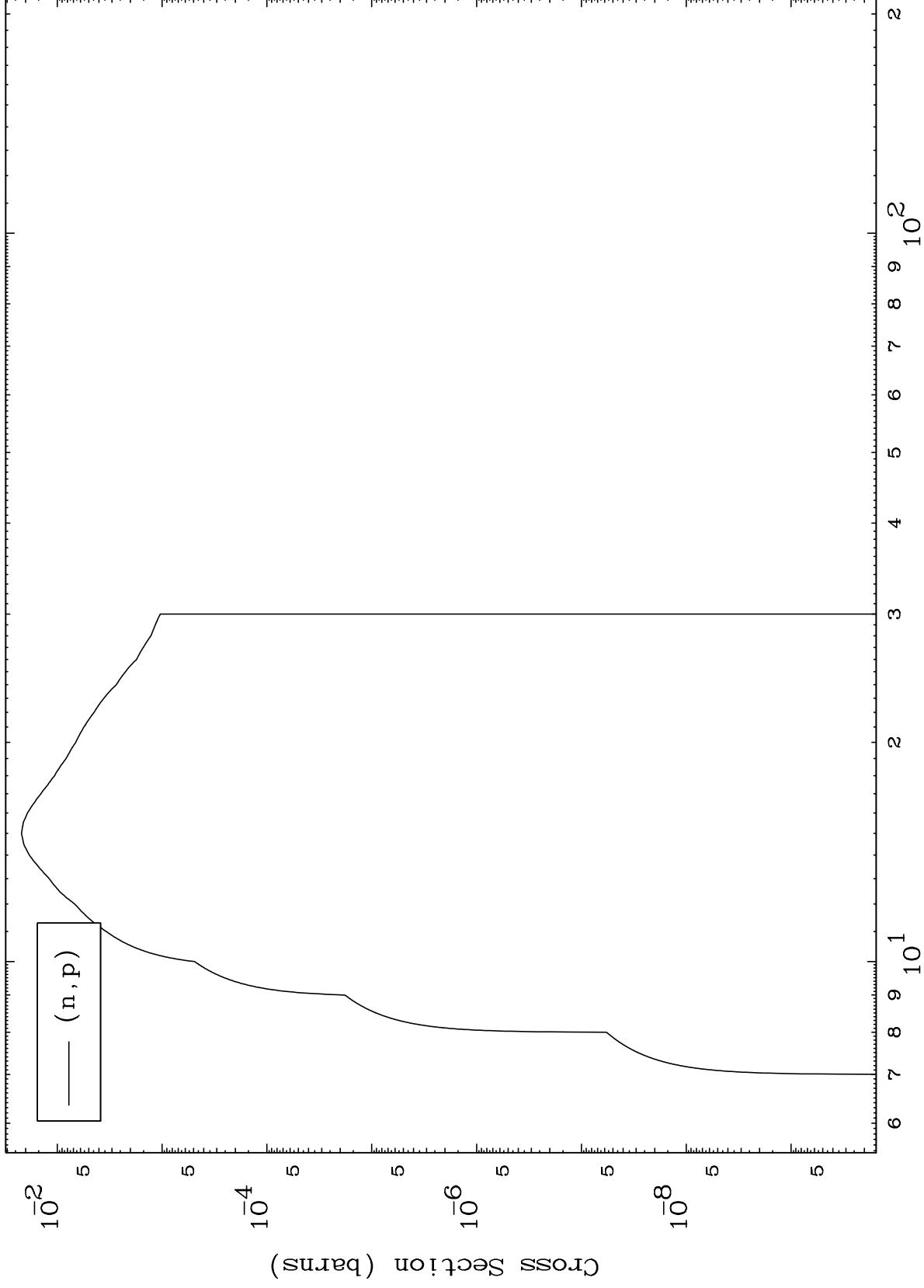
62-Sm-142

6

MAT 6219

(γ, p) Levels
0 Kelvin Cross Sections

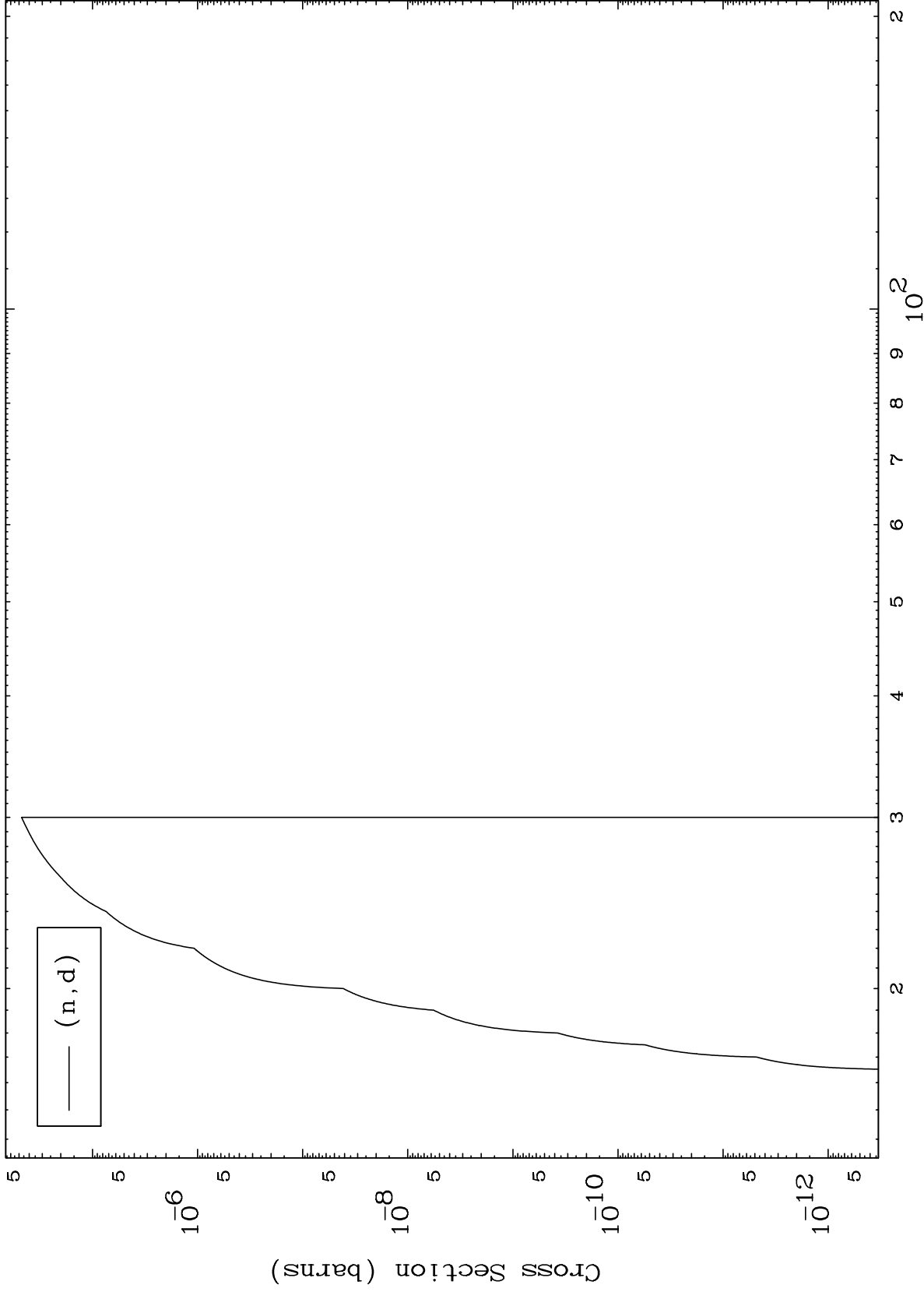
62-Sm-142

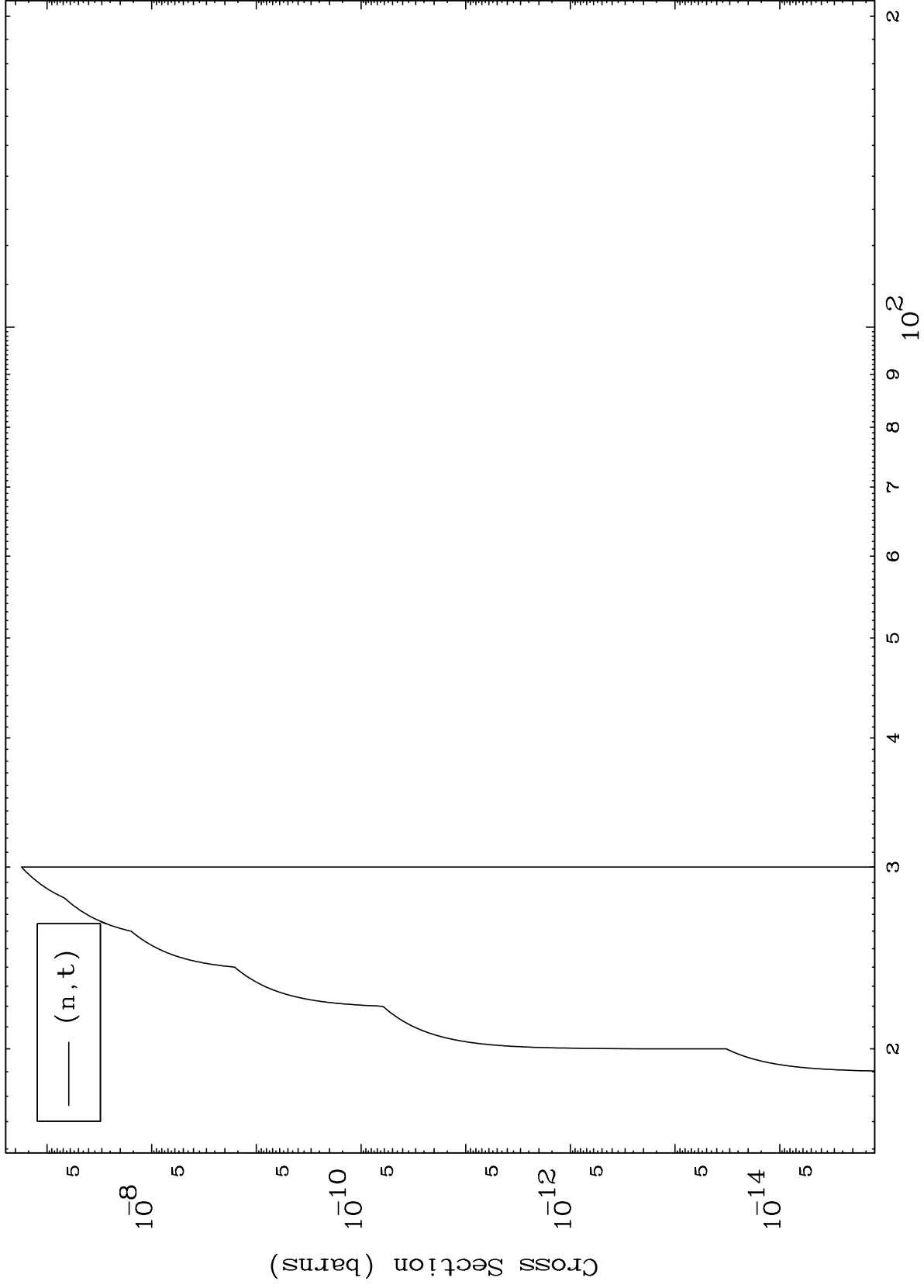


7

Incident Energy (MeV)

62-Sm-142

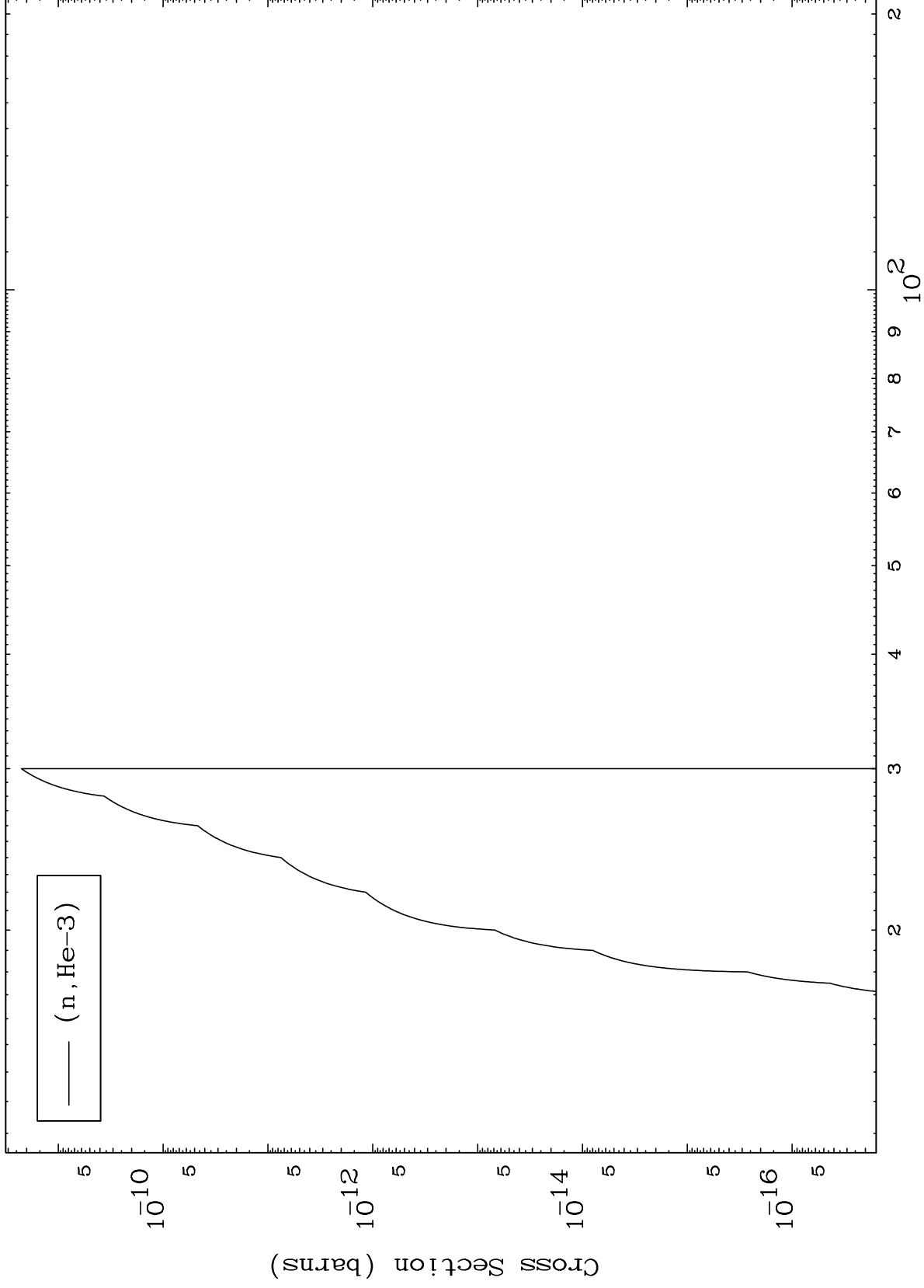




MAT 6219

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

62-Sm-142



10

Incident Energy (MeV)

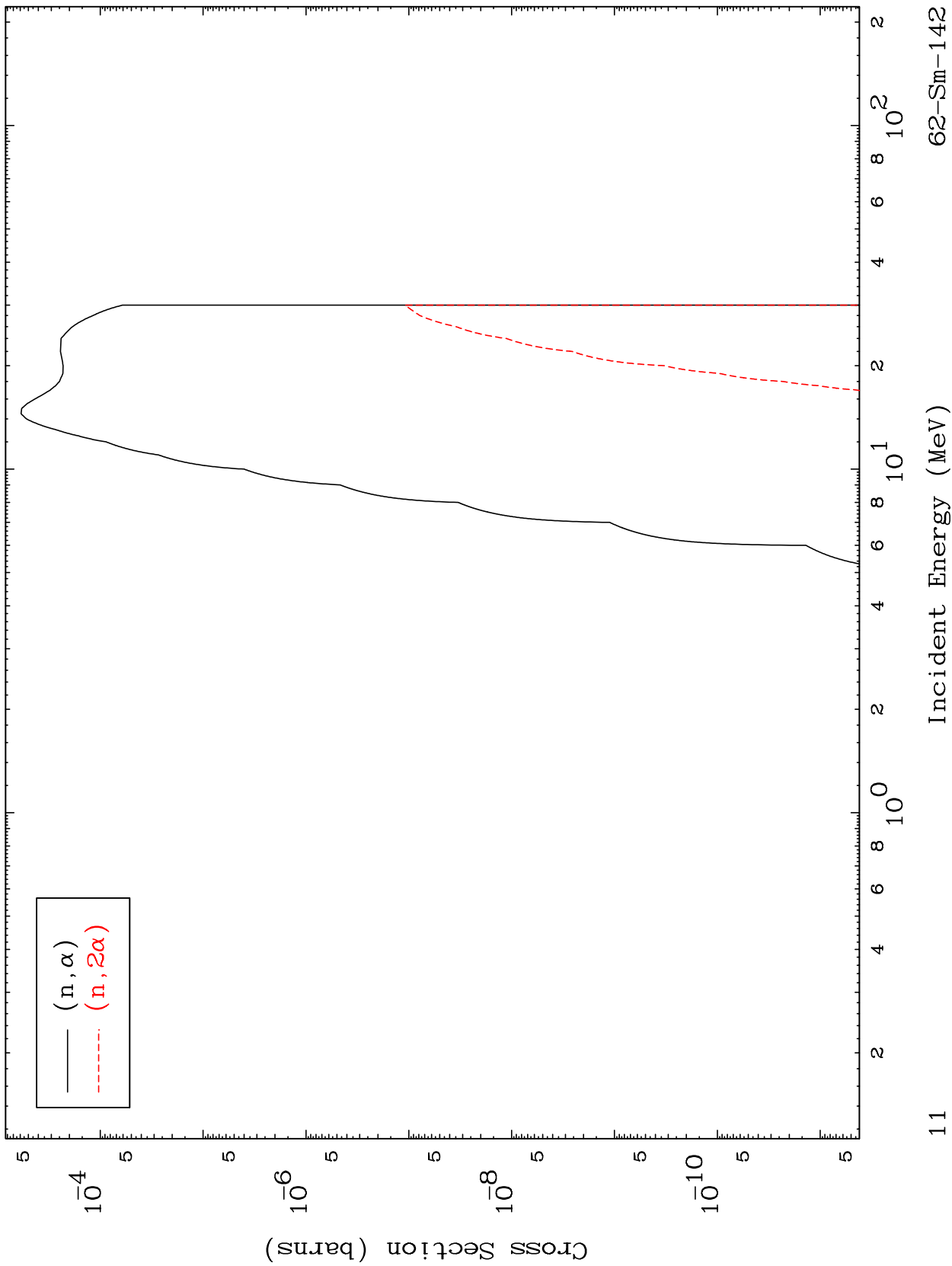
62-Sm-142

MAT 6219

(γ, α) Levels

62-Sm-142

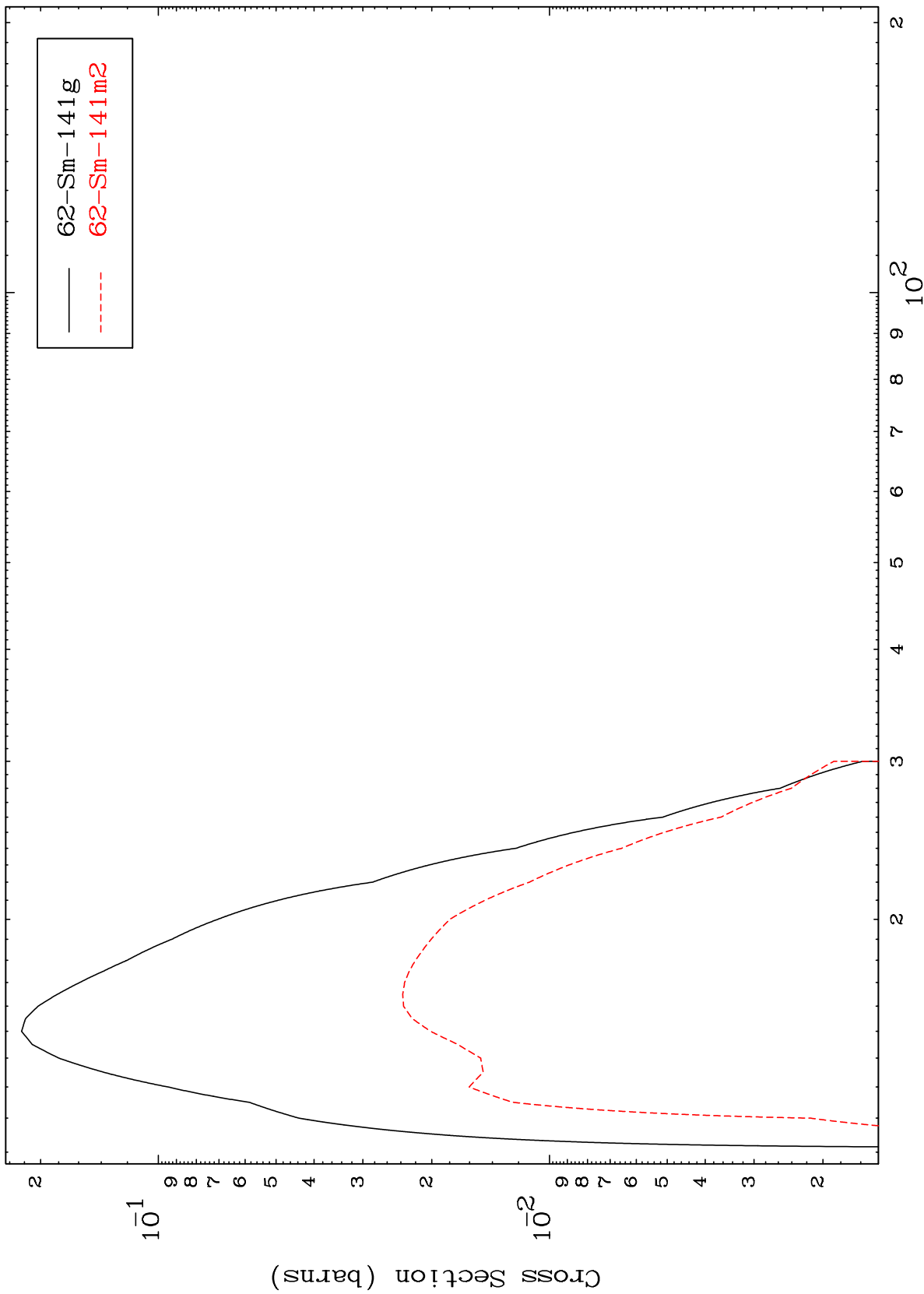
0 Kelvin Cross Sections



MAT 6219

62-Sm-142

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

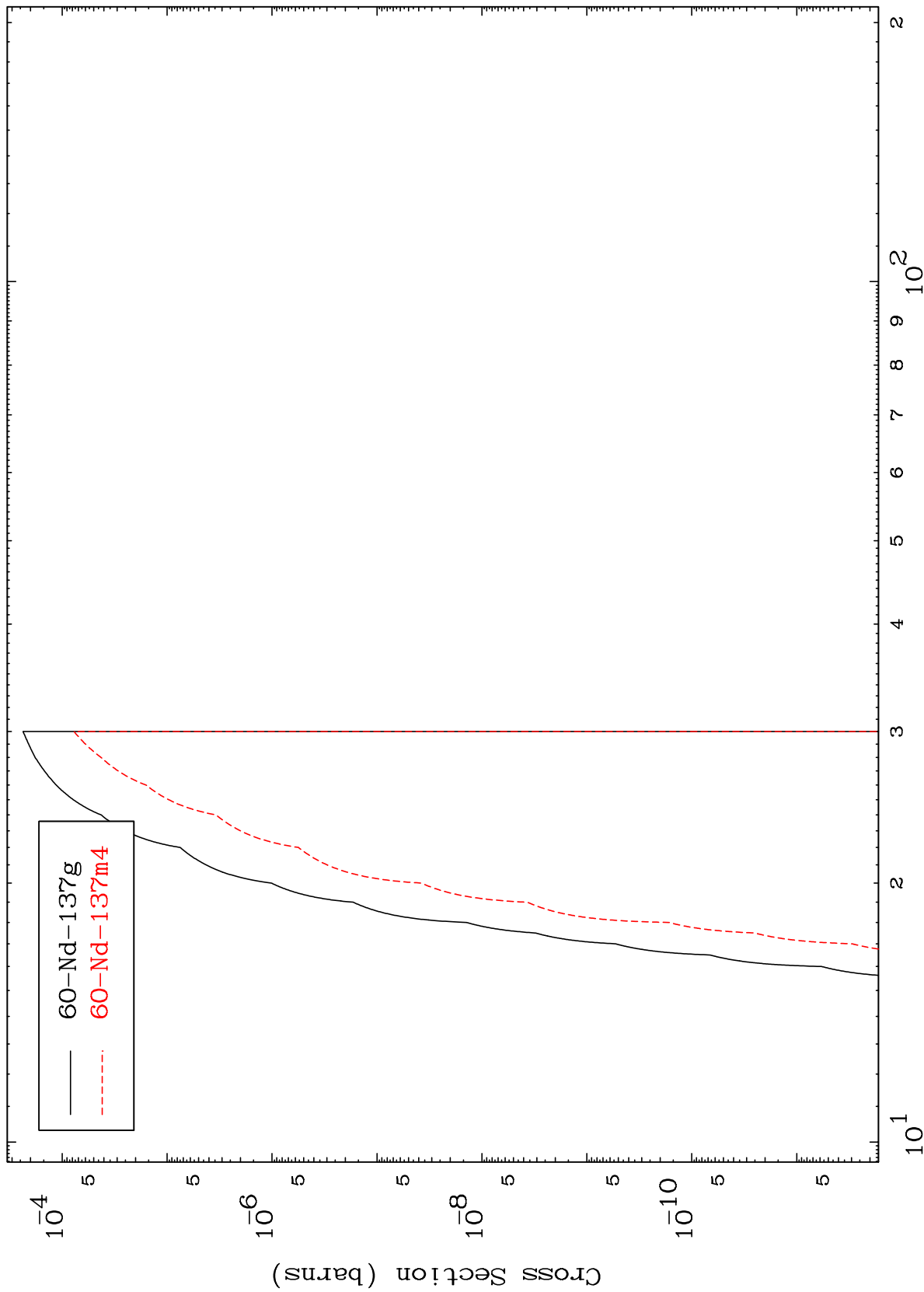
62-Sm-142

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$(n, n') \alpha$

62-Sm-142

Radionuclide Production Cross Section



60-Nd-137g
60-Nd-137m4

Incident Energy (MeV)

62-Sm-142

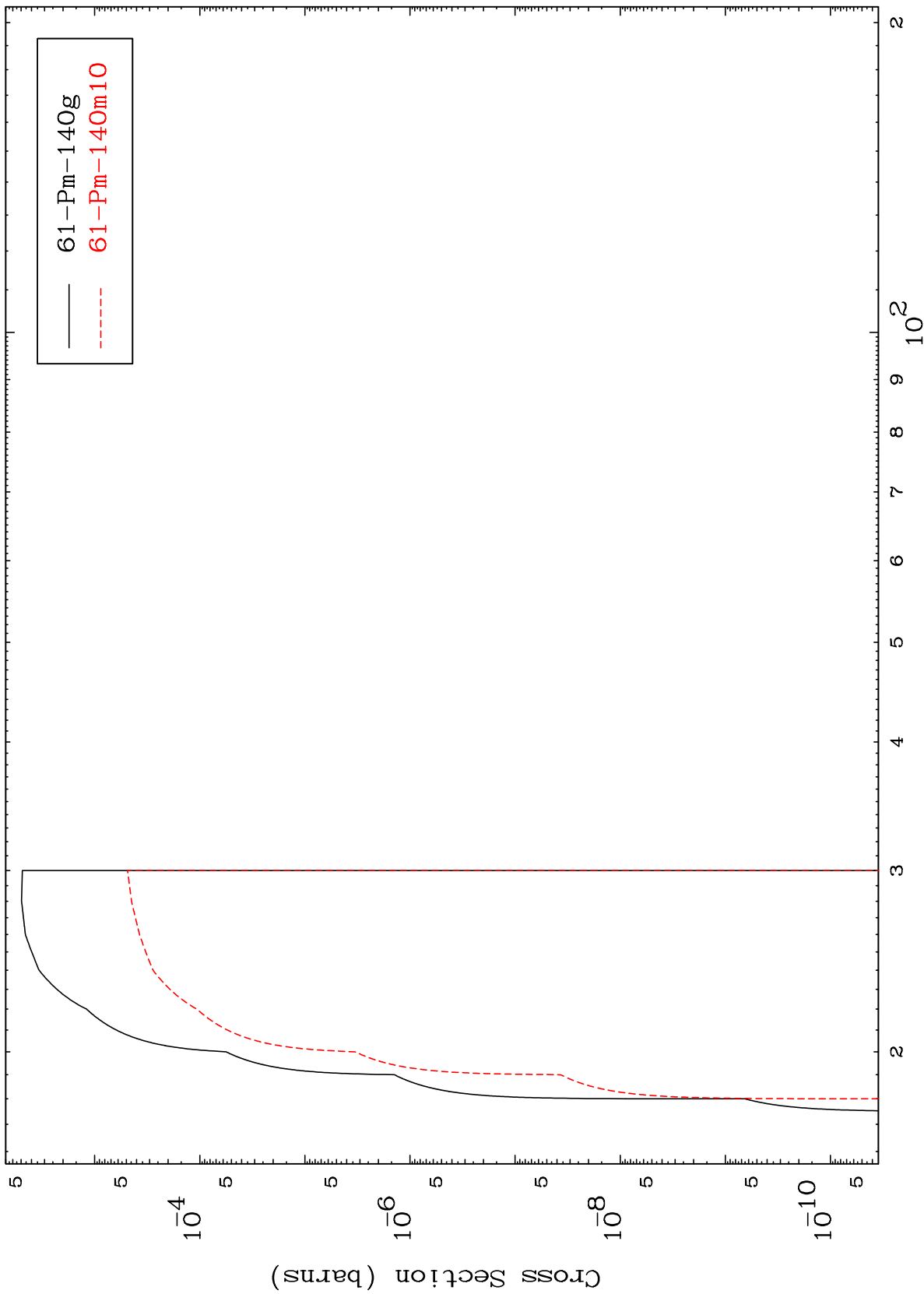
13

MAT 6219

(n,n') p

62-Sm-142

Radionuclide Production Cross Section

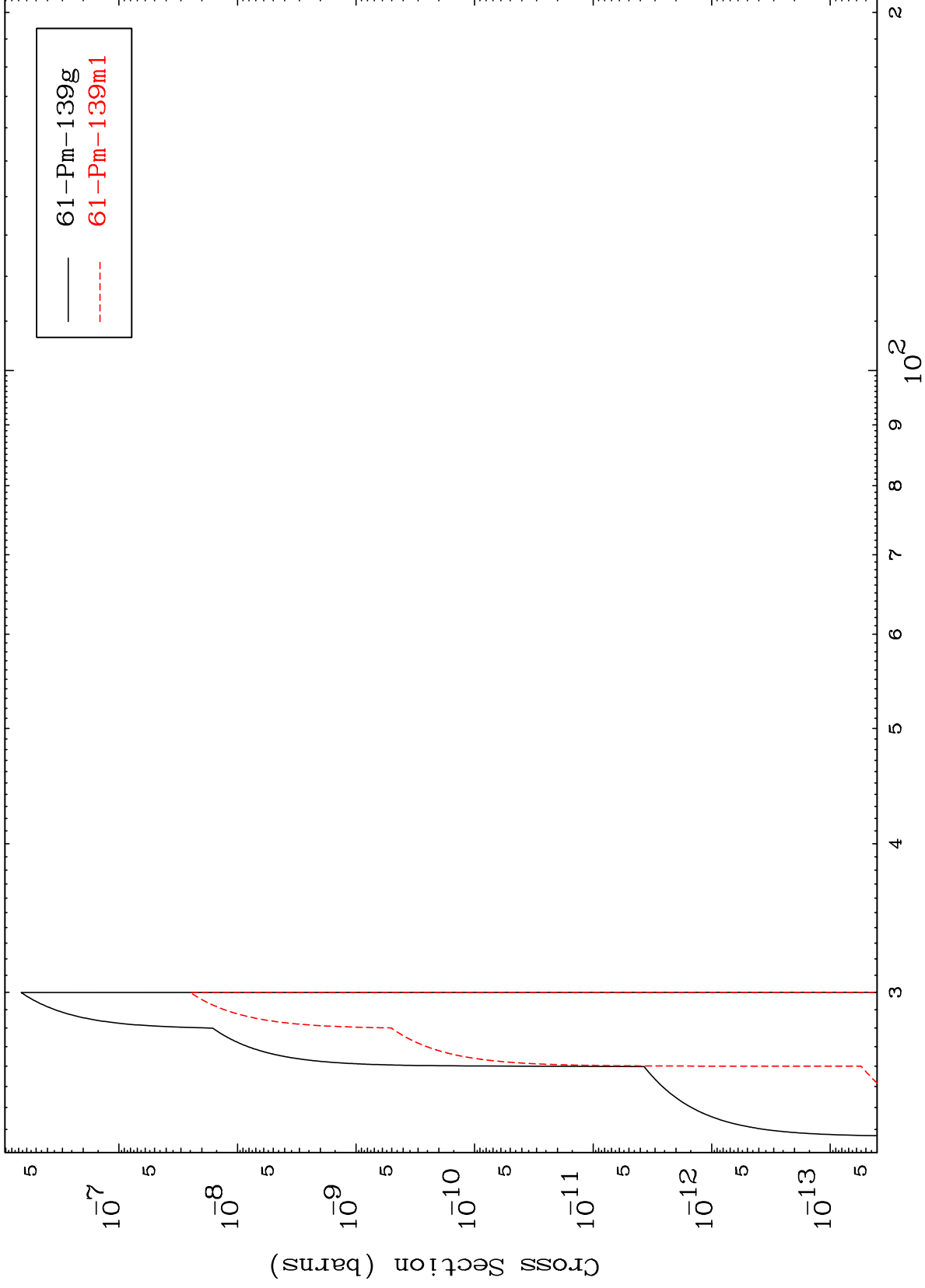


14

Incident Energy (MeV)

62-Sm-142

Radionuclide Production Cross Section

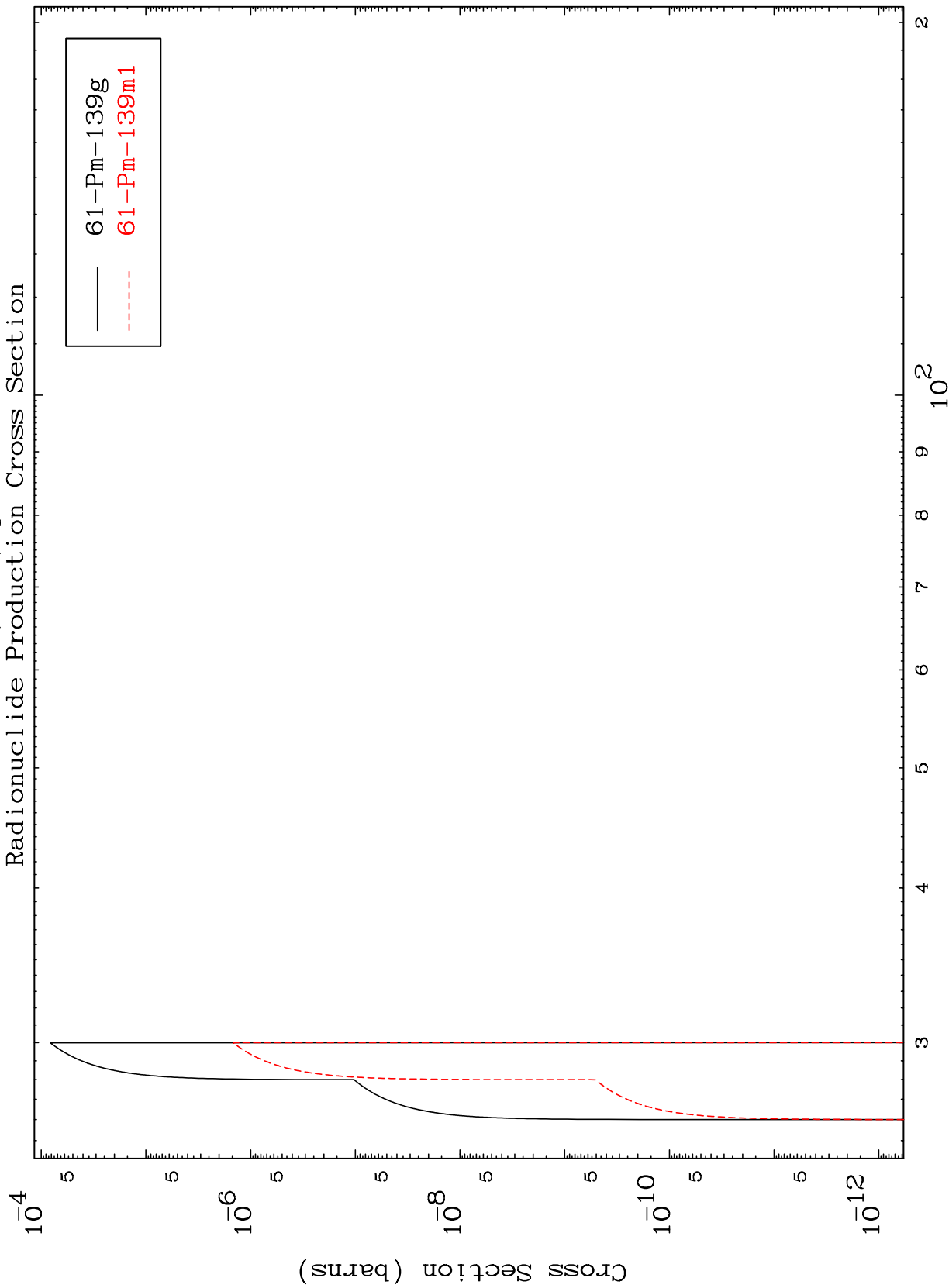


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(n,2n) p

62-Sm-142

Radionuclide Production Cross Section



16

Incident Energy (MeV)

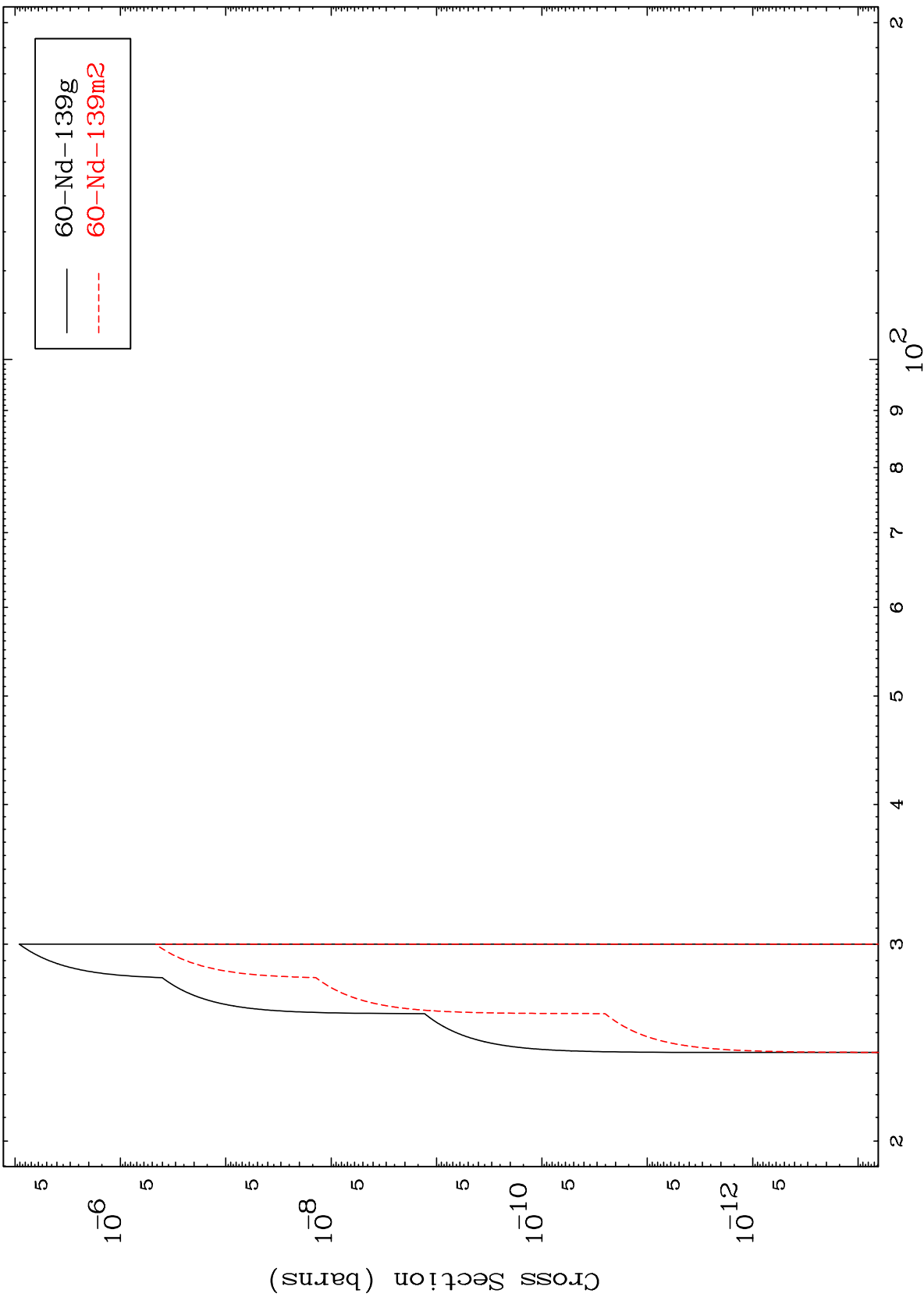
62-Sm-142

MAT 6219

(n,2n) p

62-Sm-142

Radionuclide Production Cross Section



17

Incident Energy (MeV)

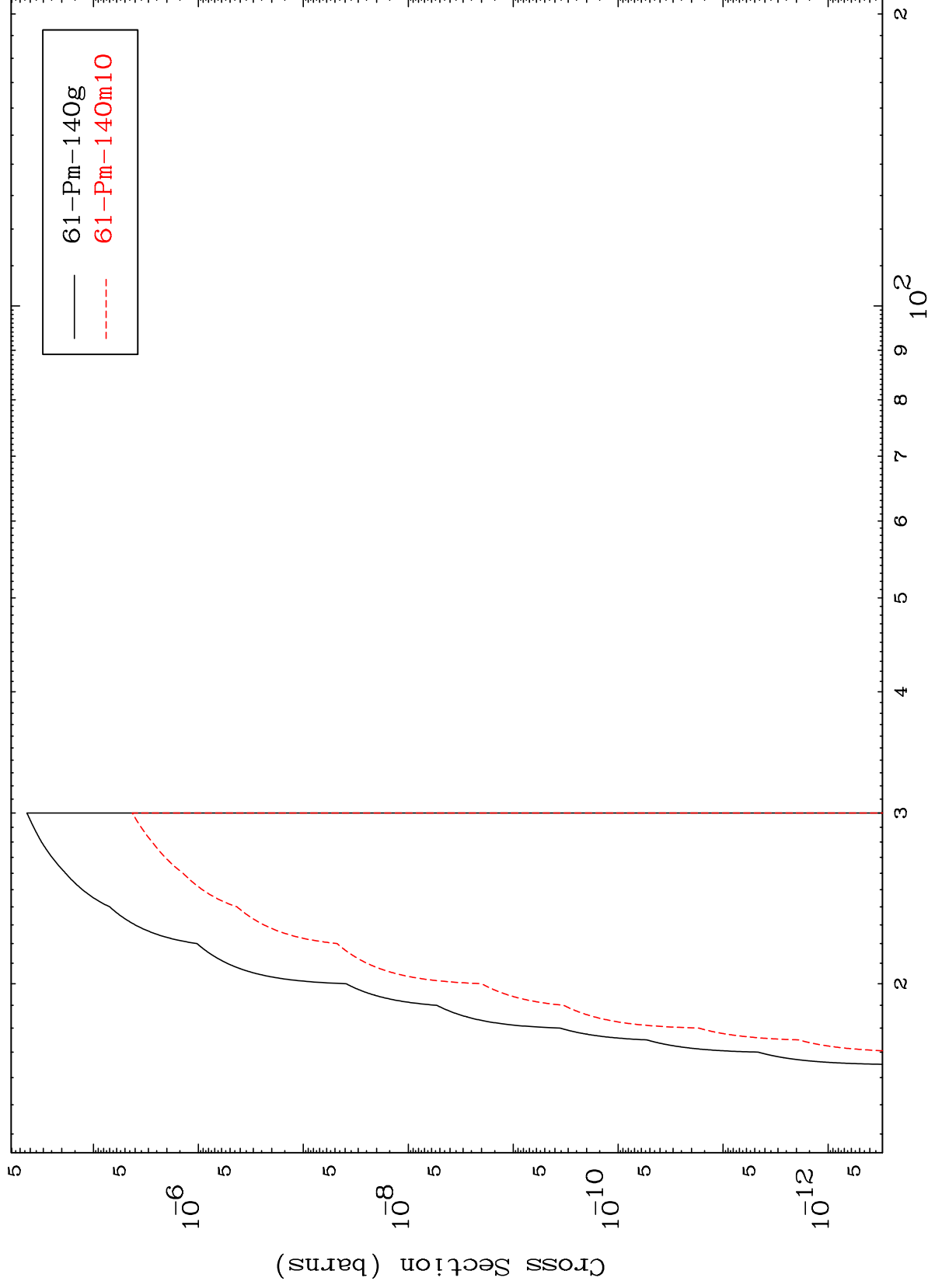
62-Sm-142

MAT 6219

(n,d)

62-Sm-142

Radionuclide Production Cross Section



18

Incident Energy (MeV)

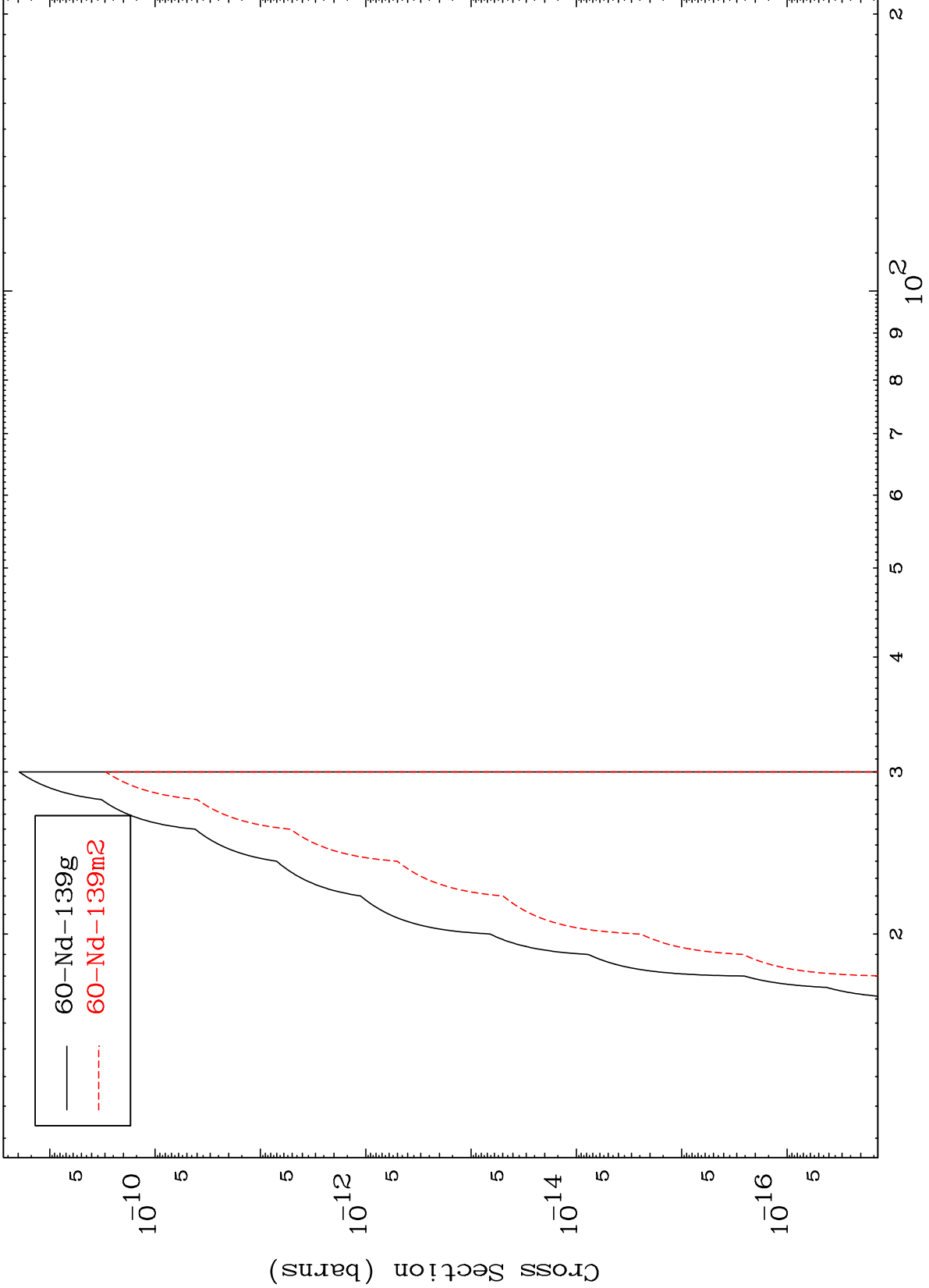
62-Sm-142

MAT 6219

(n,He-3)

62-Sm-142

Radionuclide Production Cross Section



20

Incident Energy (MeV)

62-Sm-142

Radionuclide Production Cross Section

