

Program EVALPLOT
(Version 2021-1)

by

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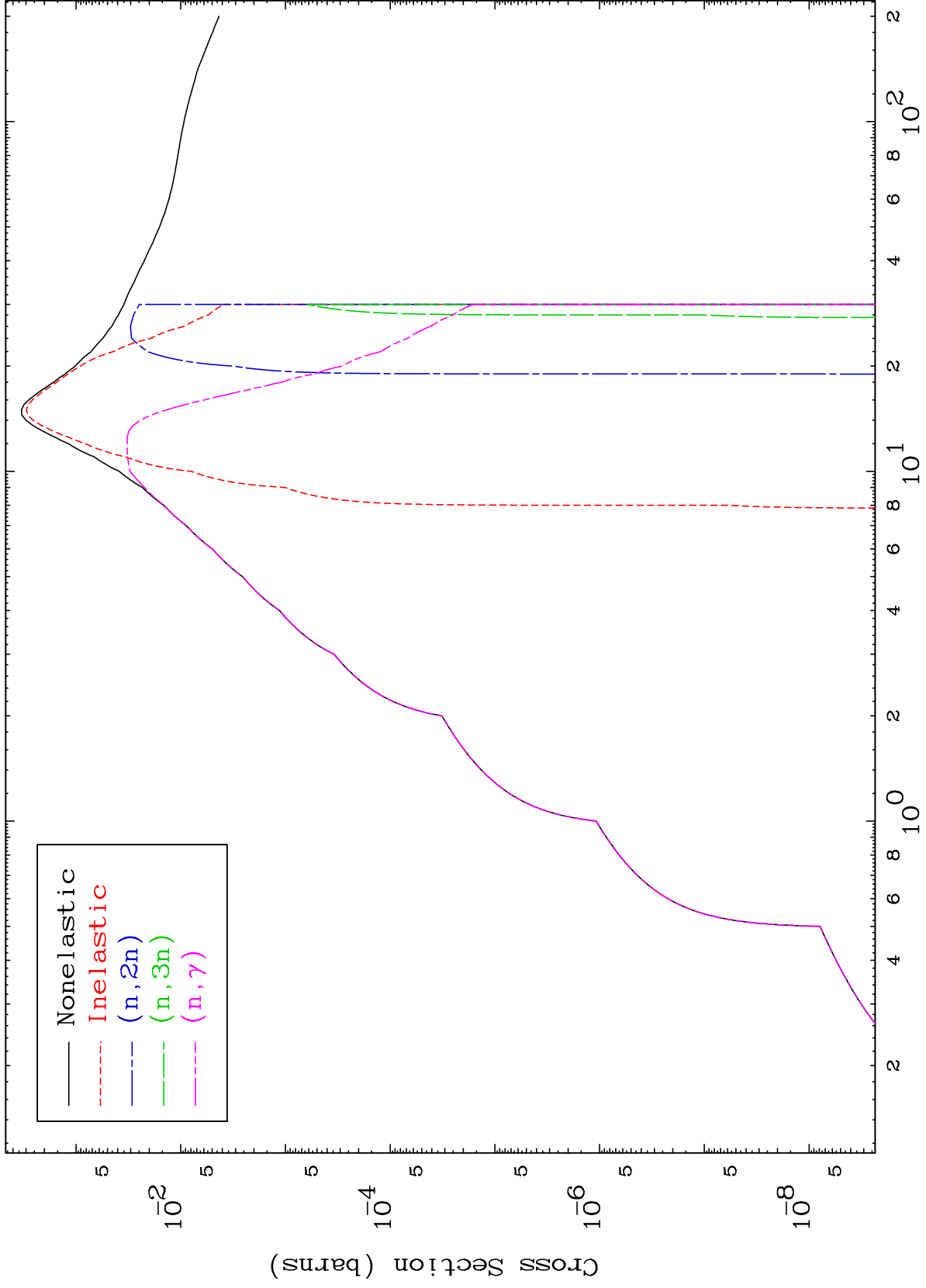
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6223

Photon Major
0 Kelvin Cross Sections

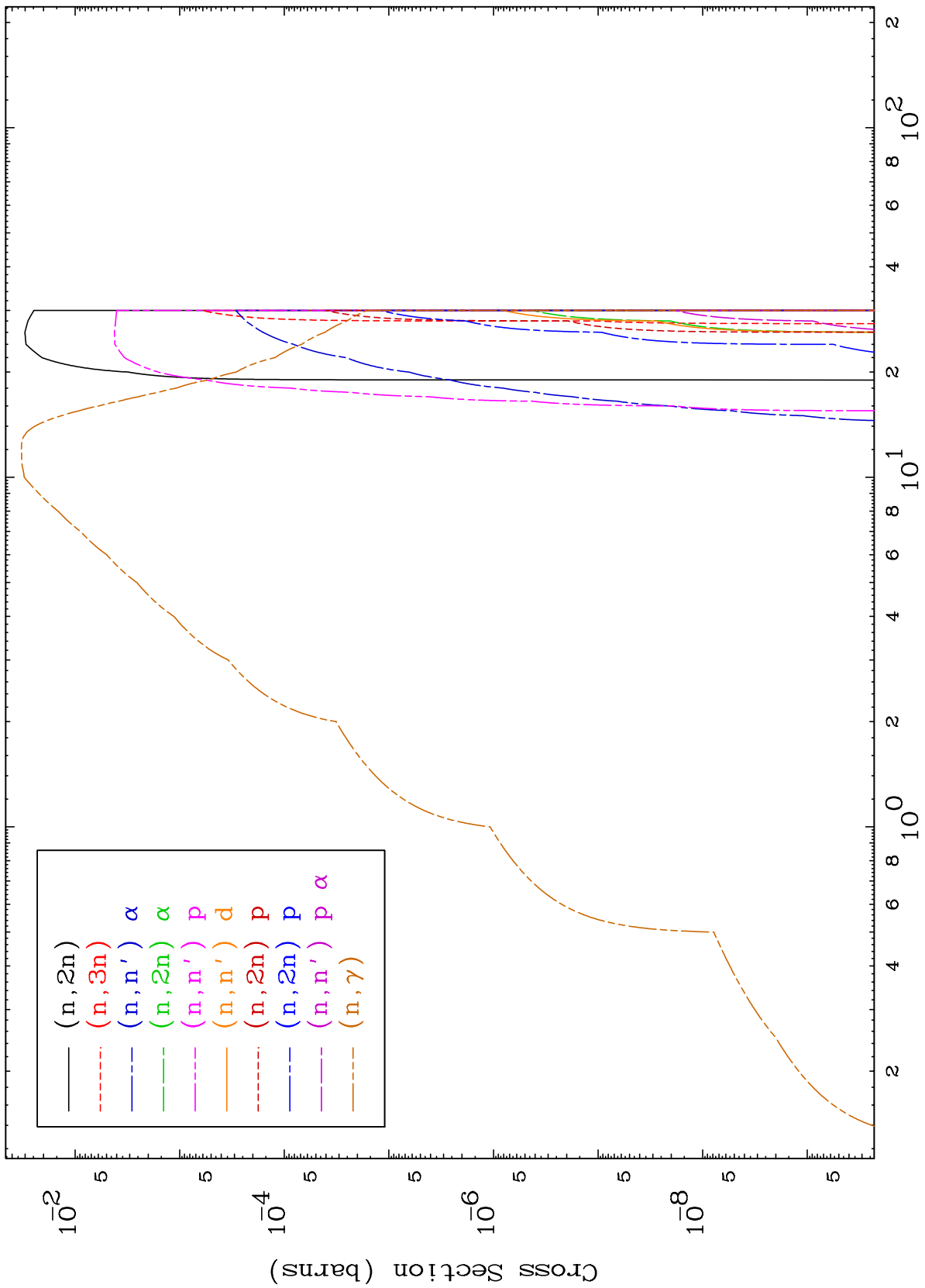
62-Sm-143m



MAT 6223

Photon Neutron Absorption
0 Kelvin Cross Sections

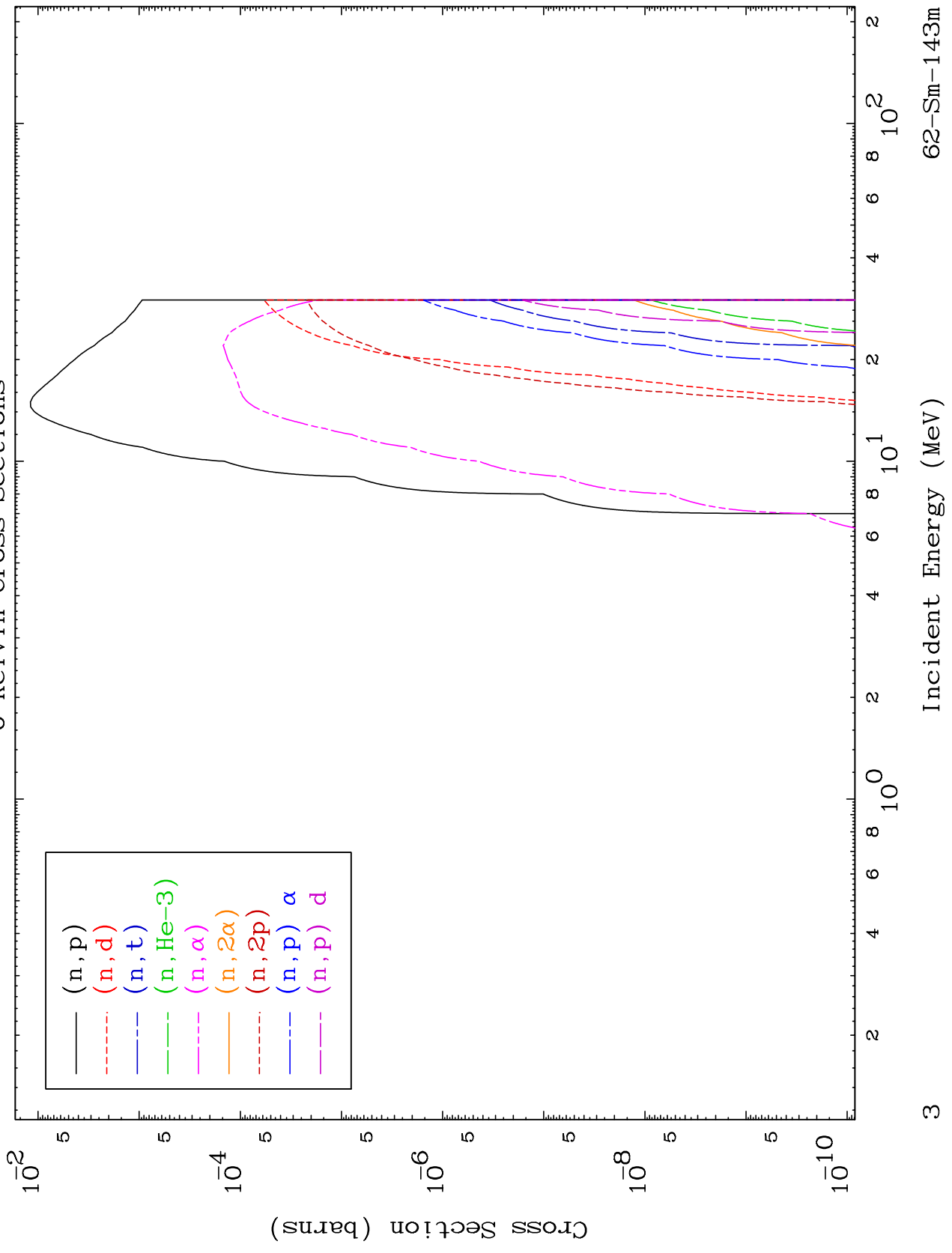
62-Sm-143m



MAT 6223

Photon Neutron Absorption
0 Kelvin Cross Sections

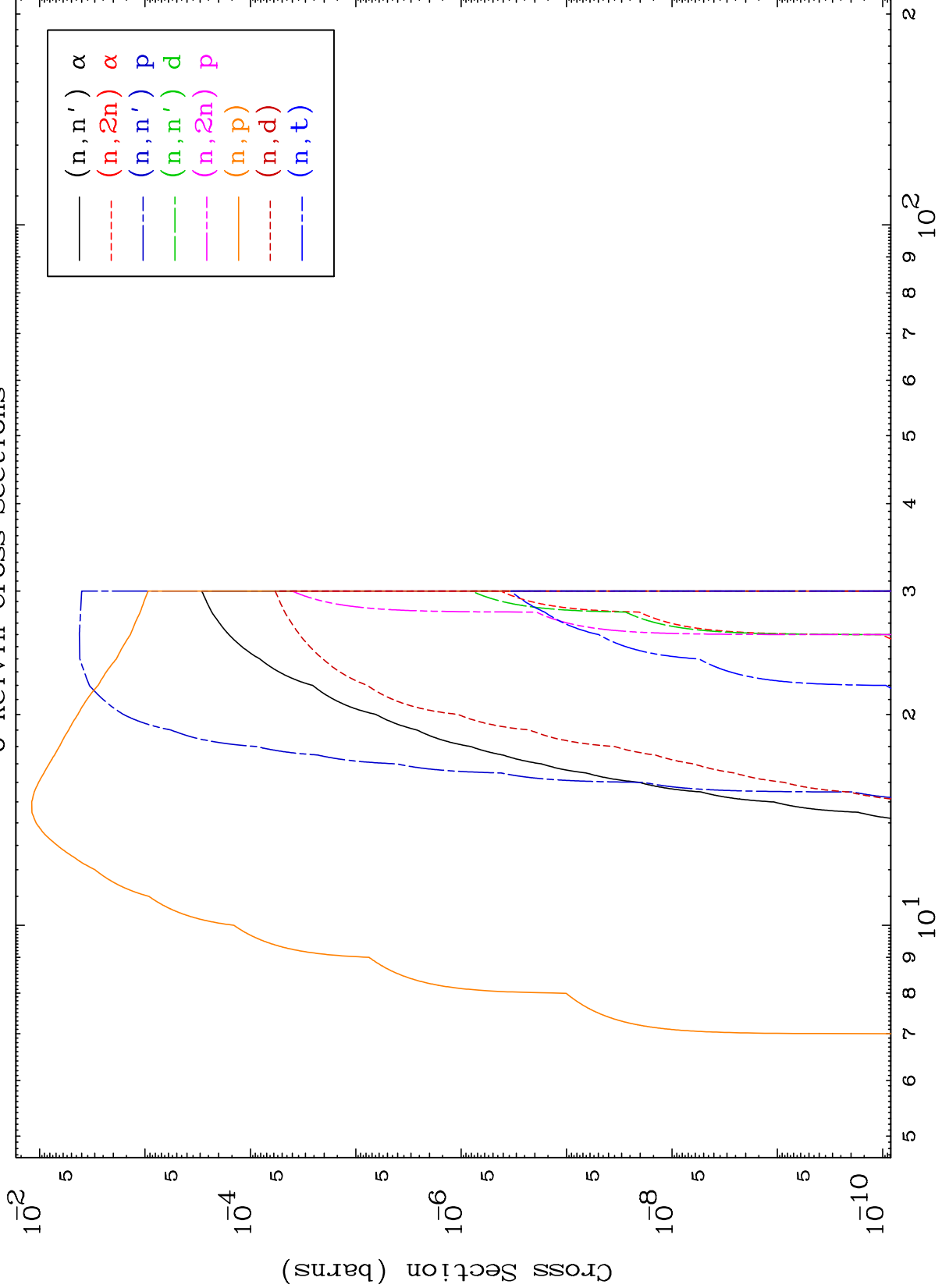
62-Sm-143m



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Photon Charged Particle
0 Kelvin Cross Sections

62-Sm-143m



62-Sm-143m

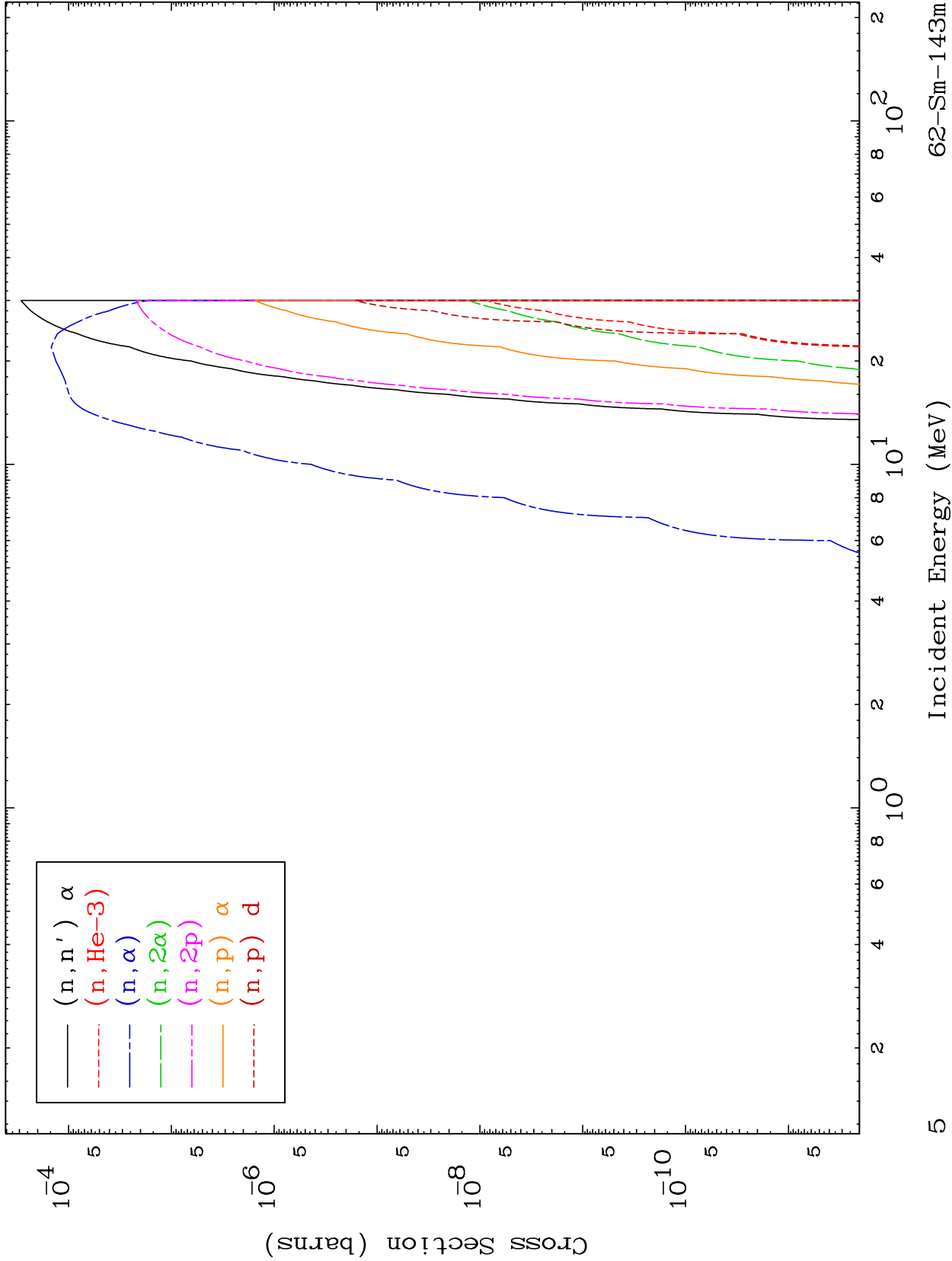
Incident Energy (MeV)

4

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Photon Charged Particle
0 Kelvin Cross Sections

62-Sm-143m

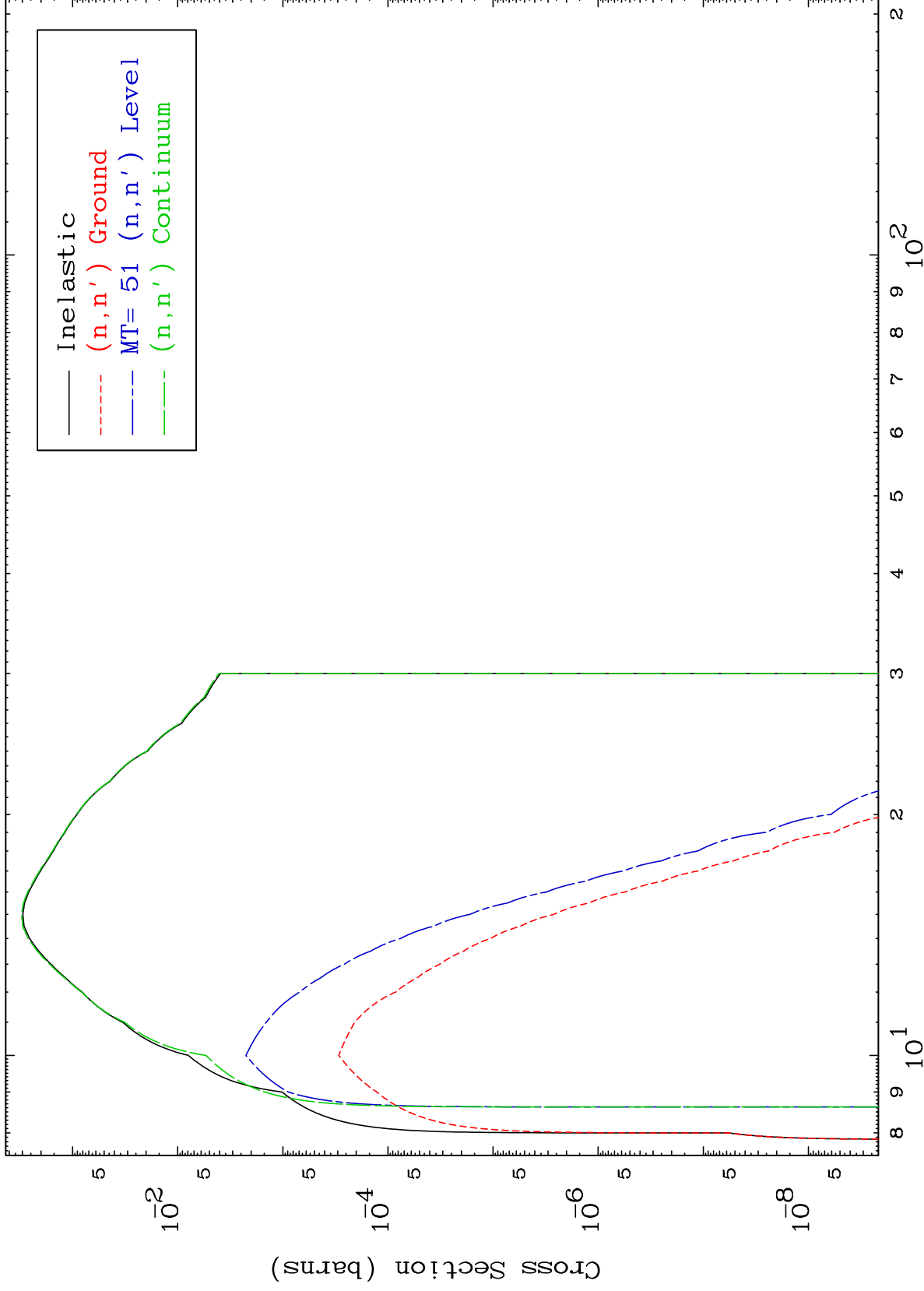


MAT 6223

(γ, n') Levels

62-Sm-143m

0 Kelvin Cross Sections



Incident Energy (MeV)

62-Sm-143m

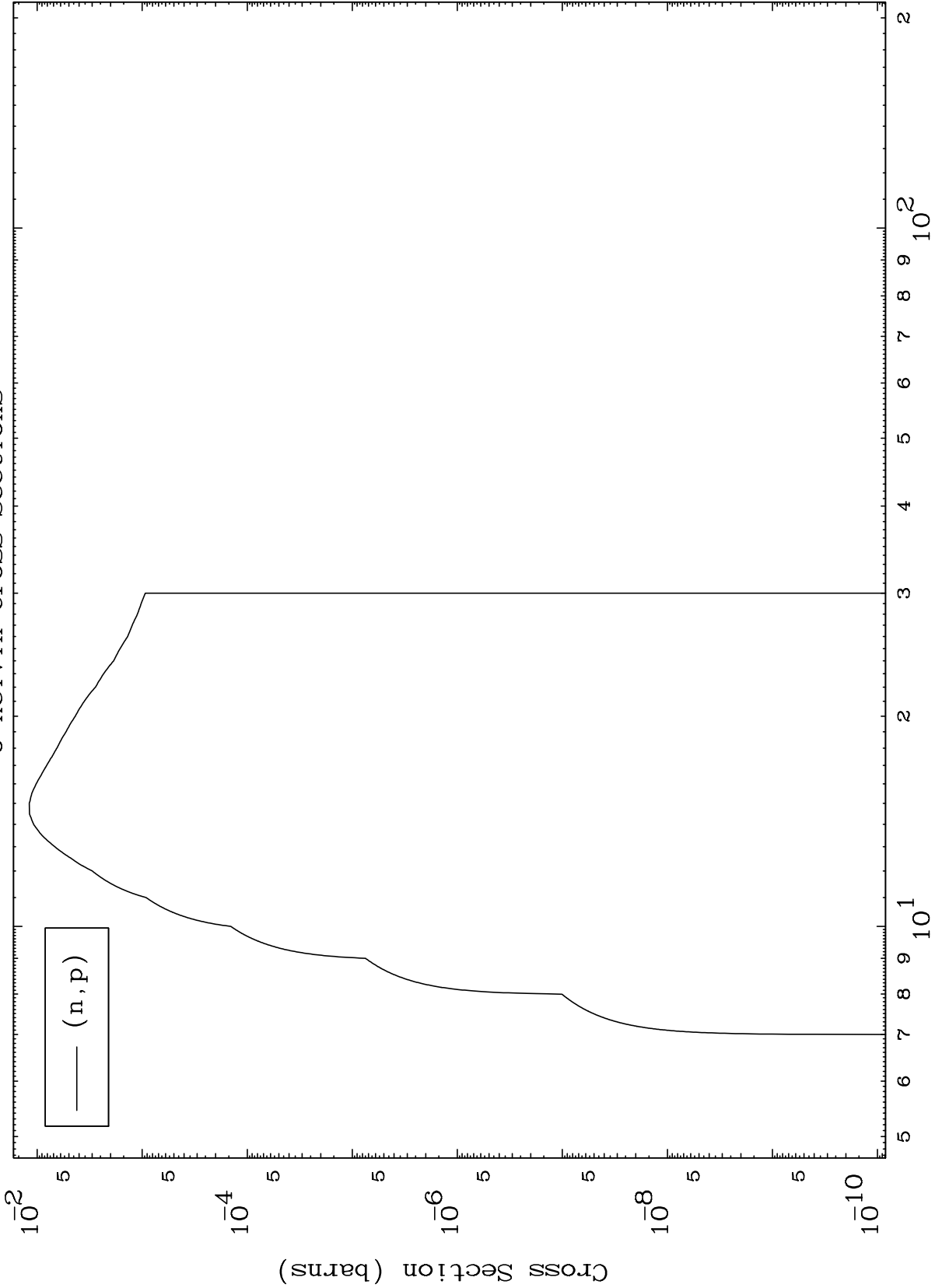
6

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(γ, p) Levels

62-Sm-143m

0 Kelvin Cross Sections



7

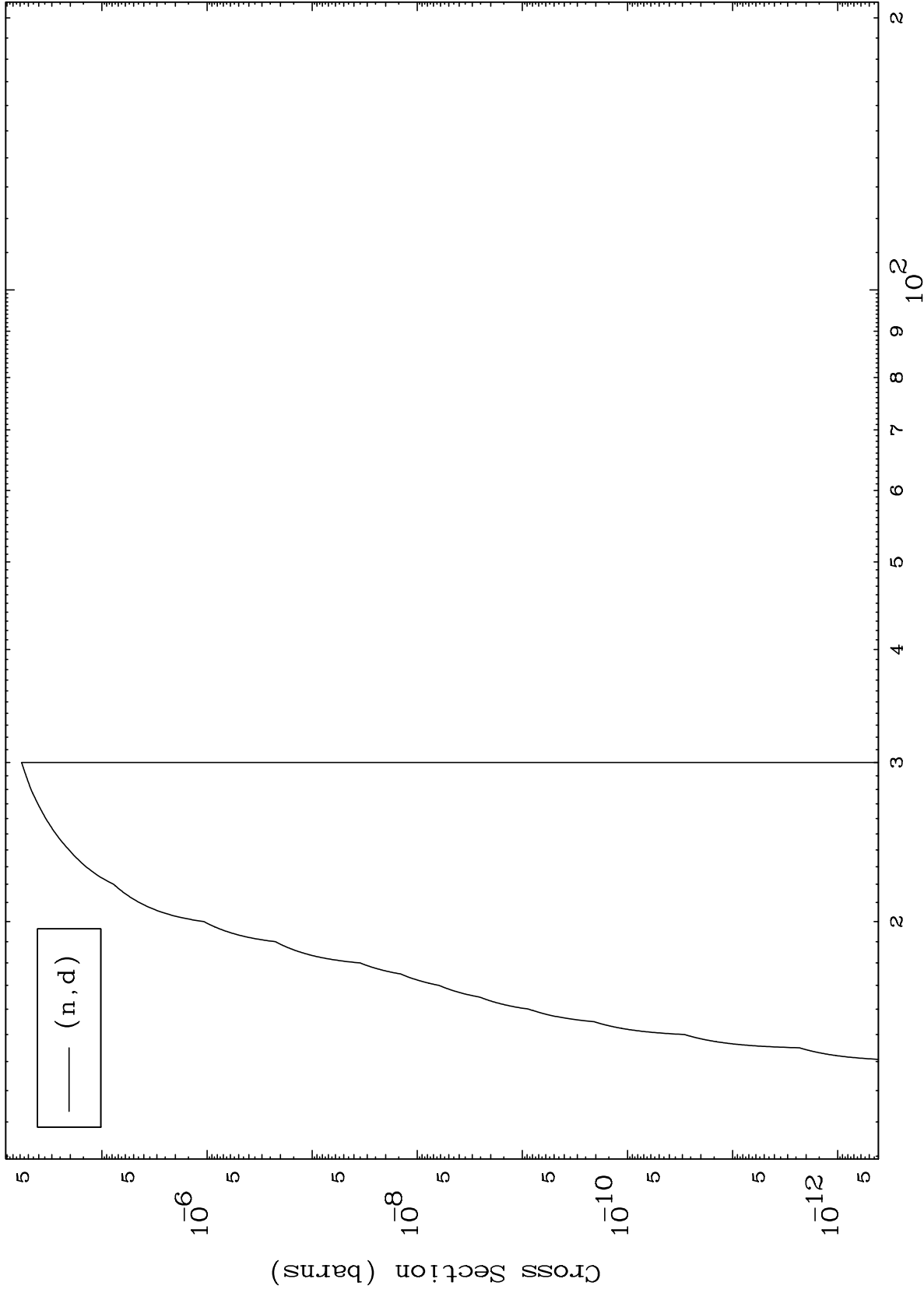
Incident Energy (MeV)

62-Sm-143m

MAT 6223

(γ, d) Levels
0 Kelvin Cross Sections

62-Sm-143m



8

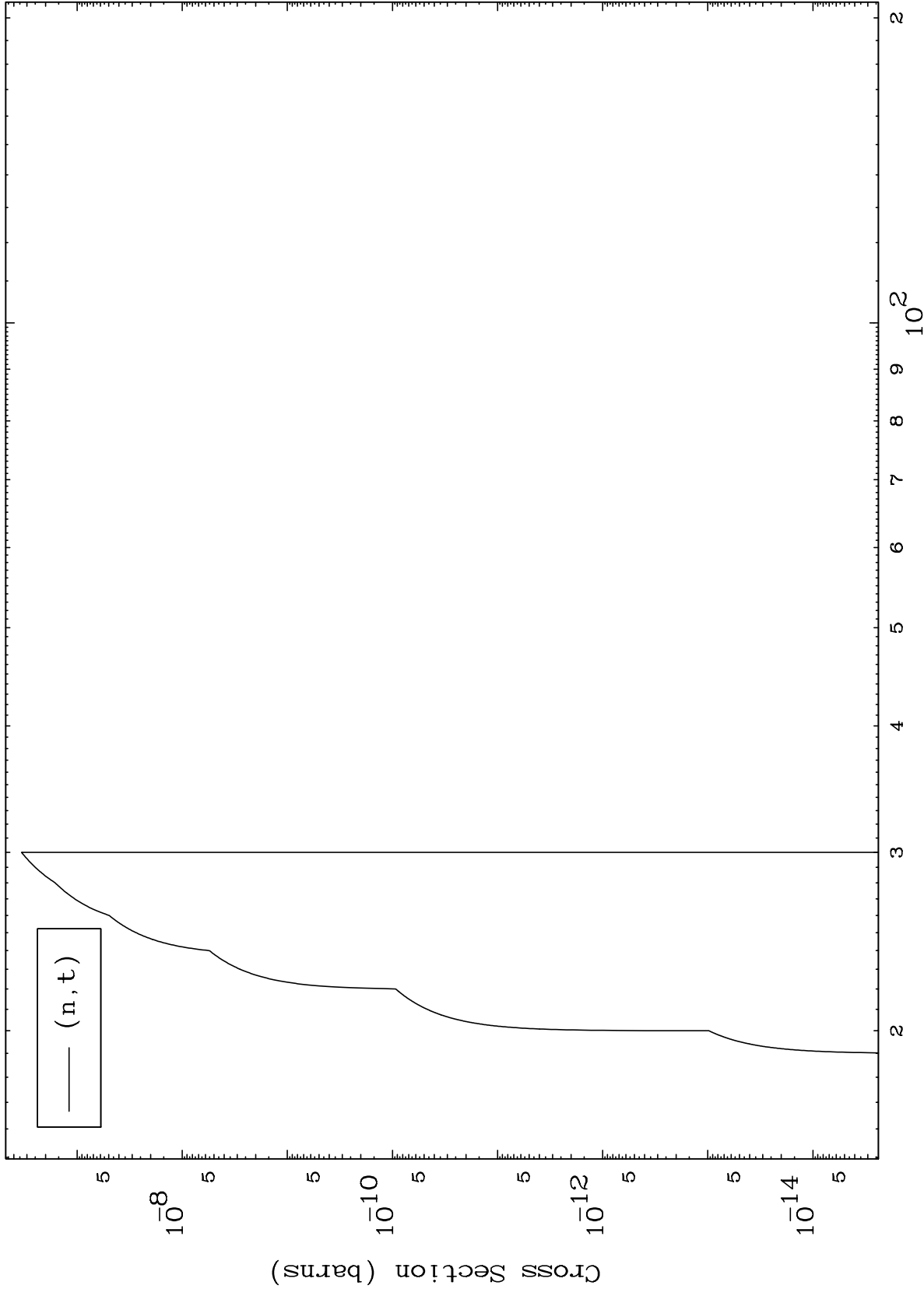
Incident Energy (MeV)

62-Sm-143m

MAT 6223

(γ, t) Levels
0 Kelvin Cross Sections

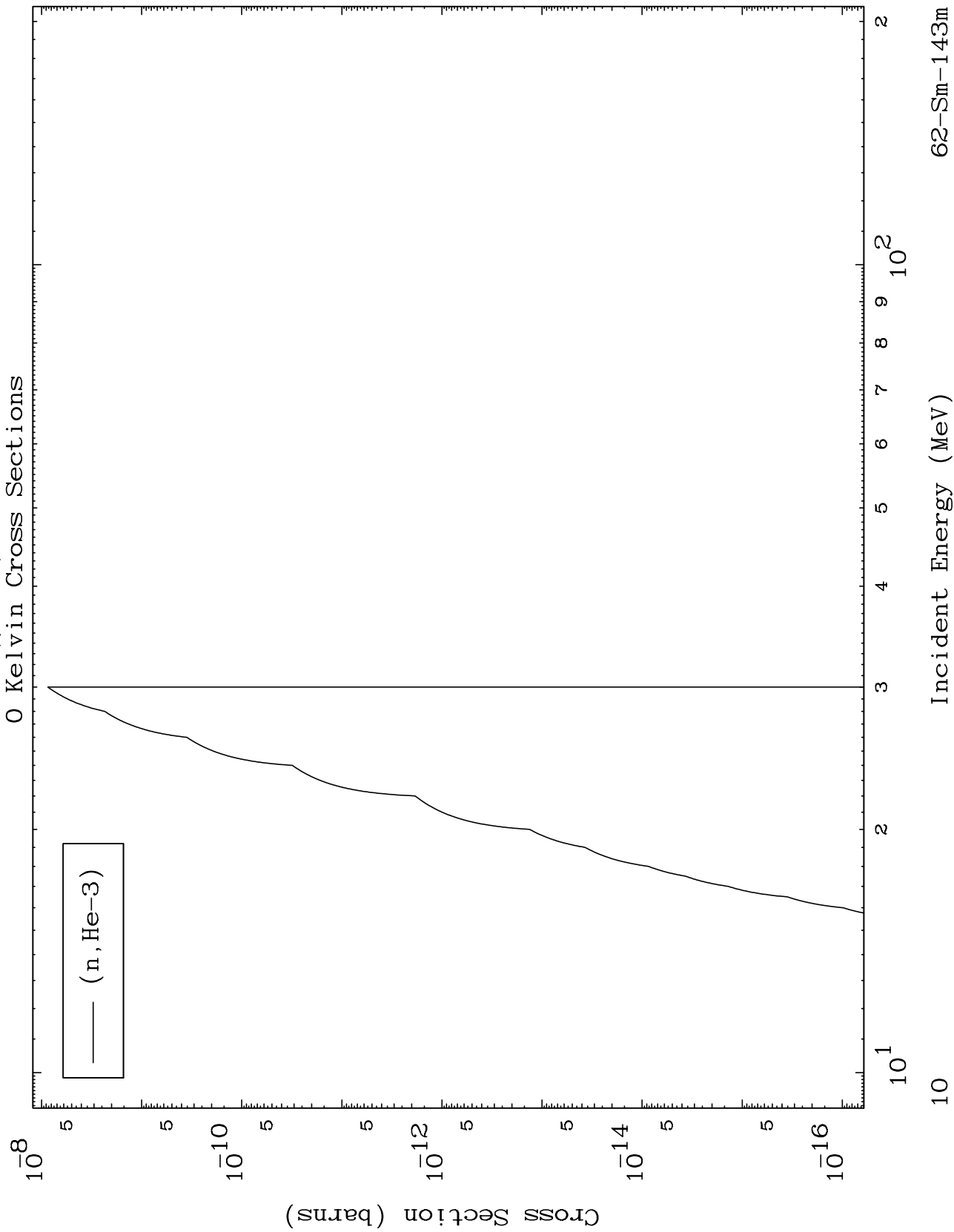
62-Sm-143m



MAT 6223

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

62-Sm-143m

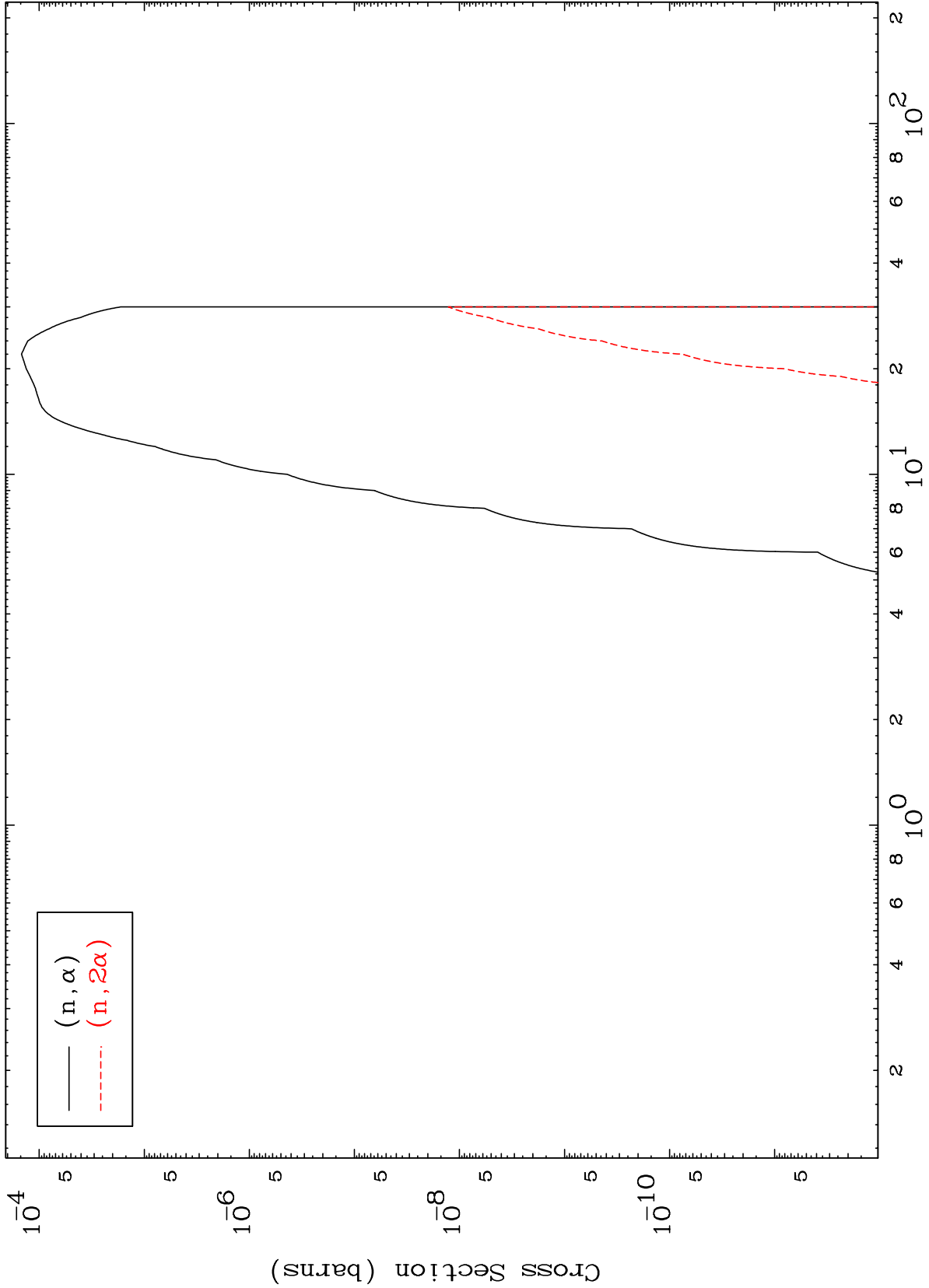


62-Sm-143m

MAT 6223

(γ, α) Levels
0 Kelvin Cross Sections

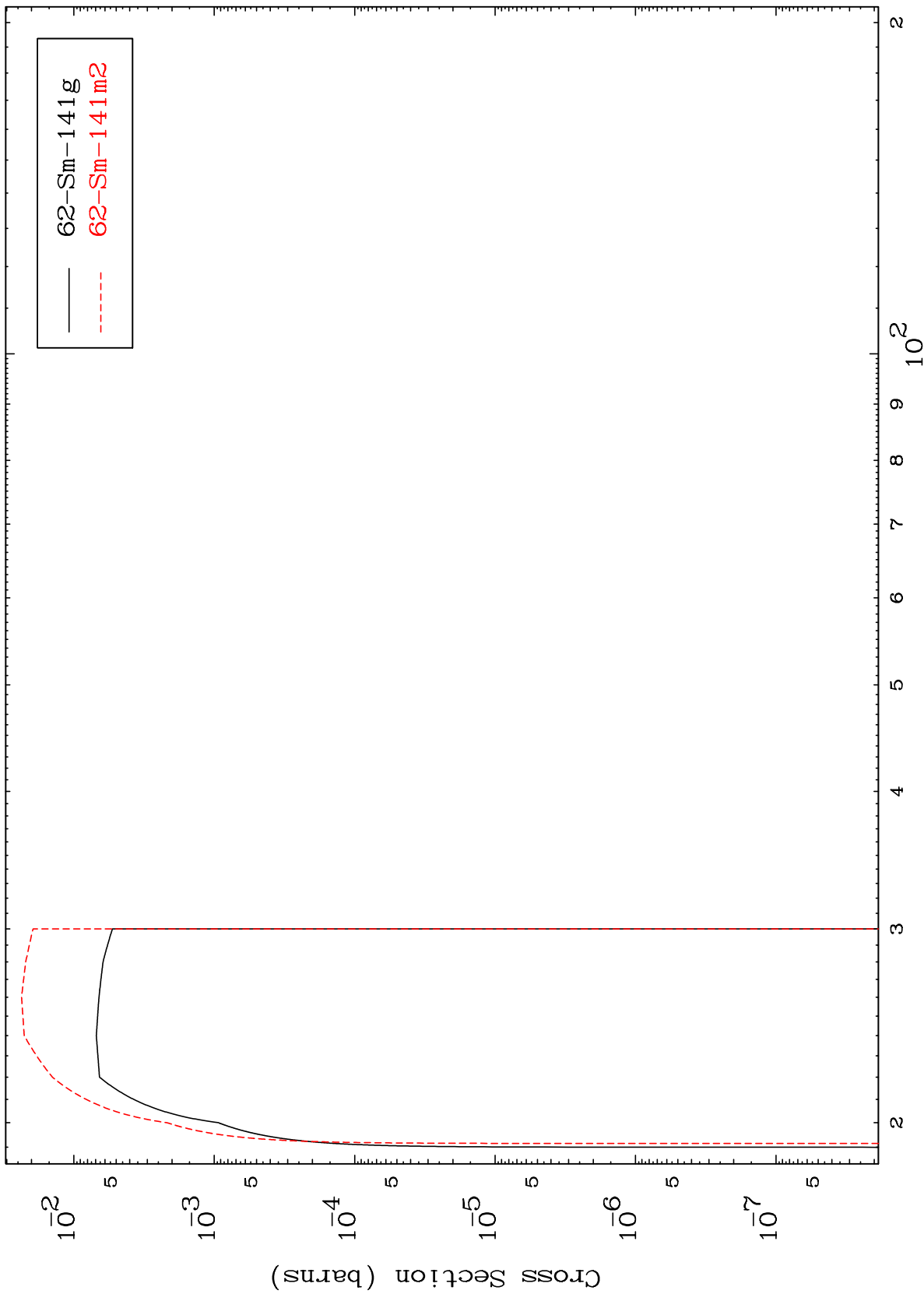
62-Sm-143m



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62-Sm-143m

(n,2n)
Radionuclide Production Cross Section



62-Sm-143m

Incident Energy (MeV)

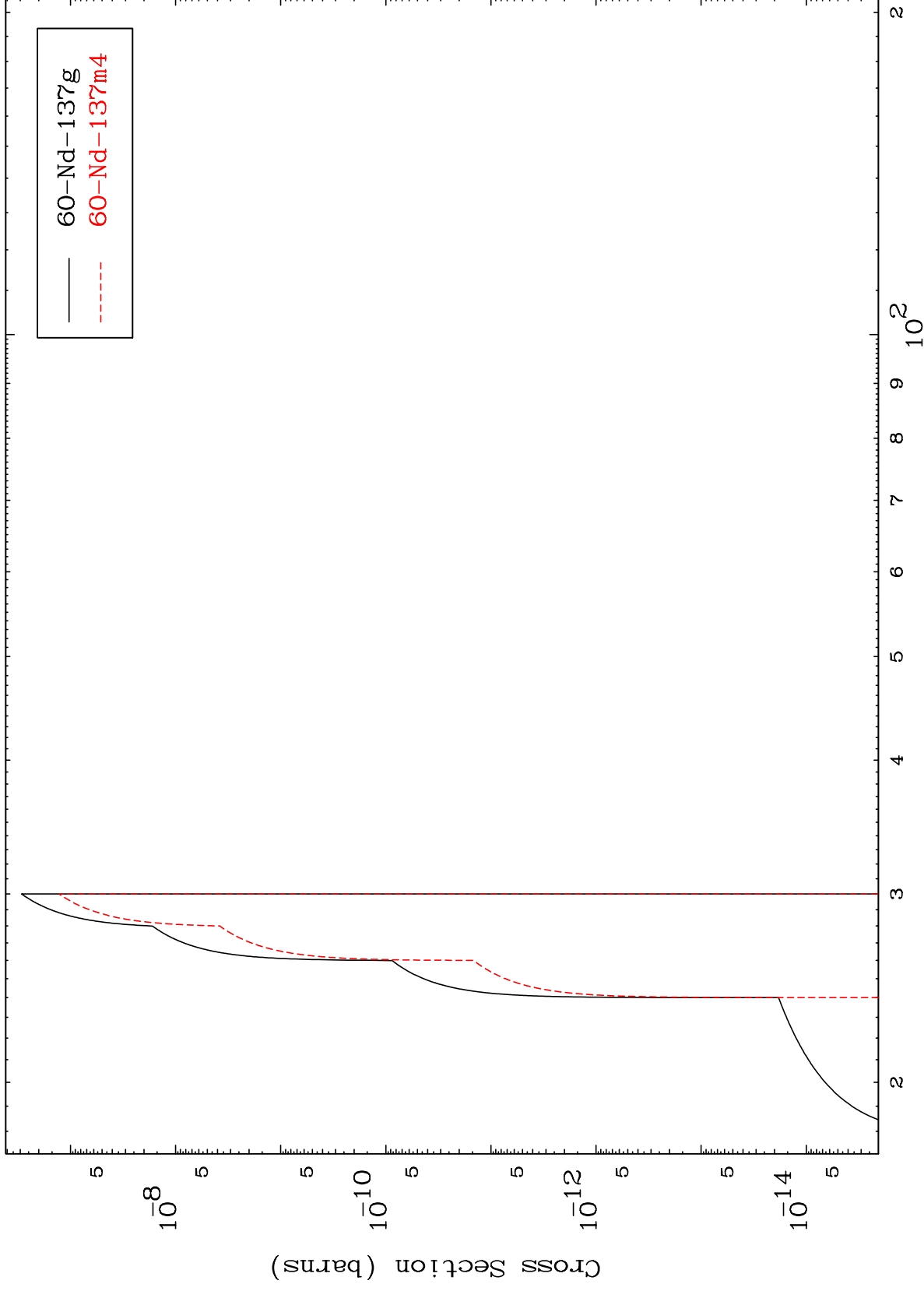
12

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(n,2n) α

62-Sm-143m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

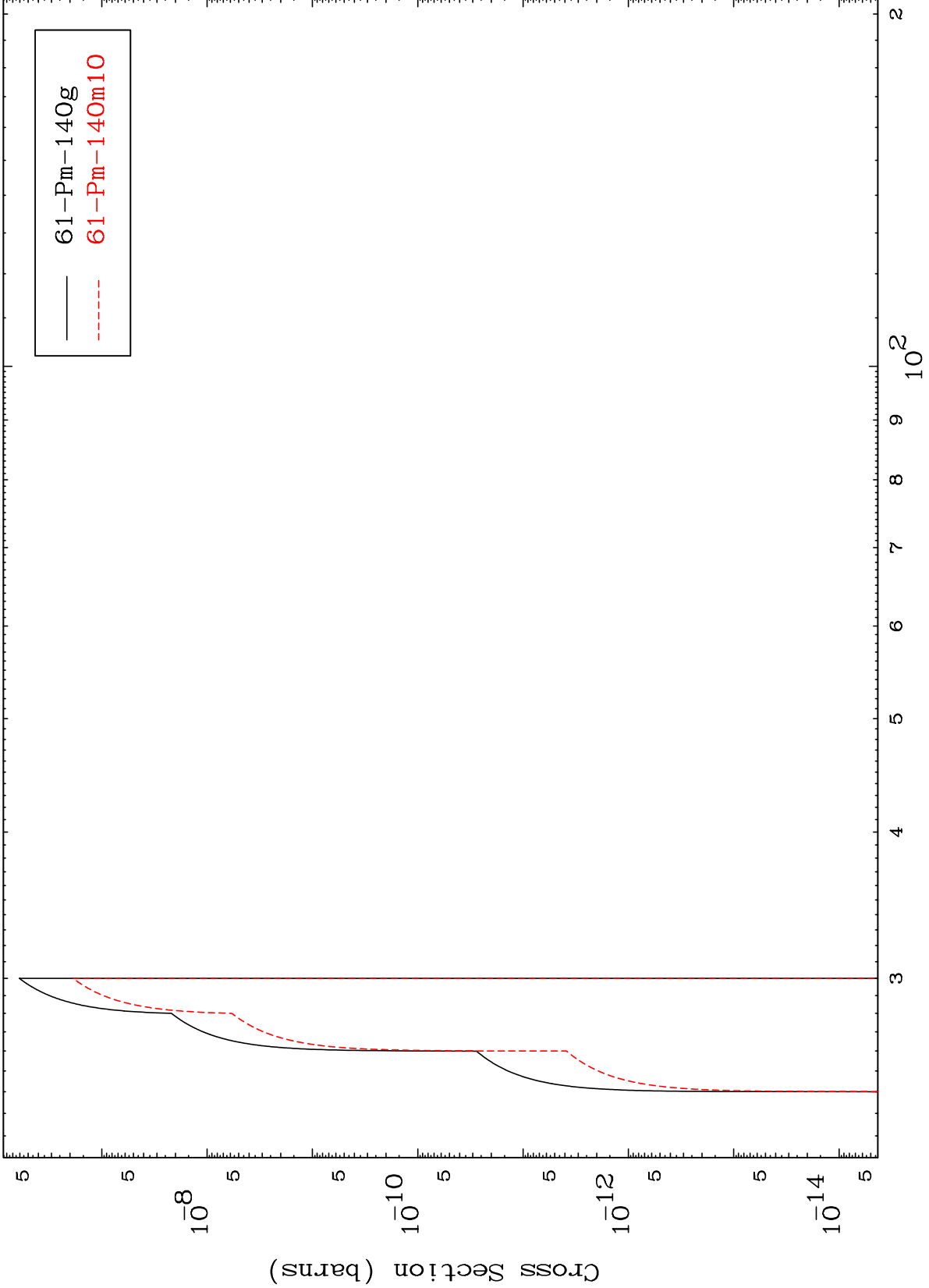
62-Sm-143m

MAT 6223

(n,n') d

62-Sm-143m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

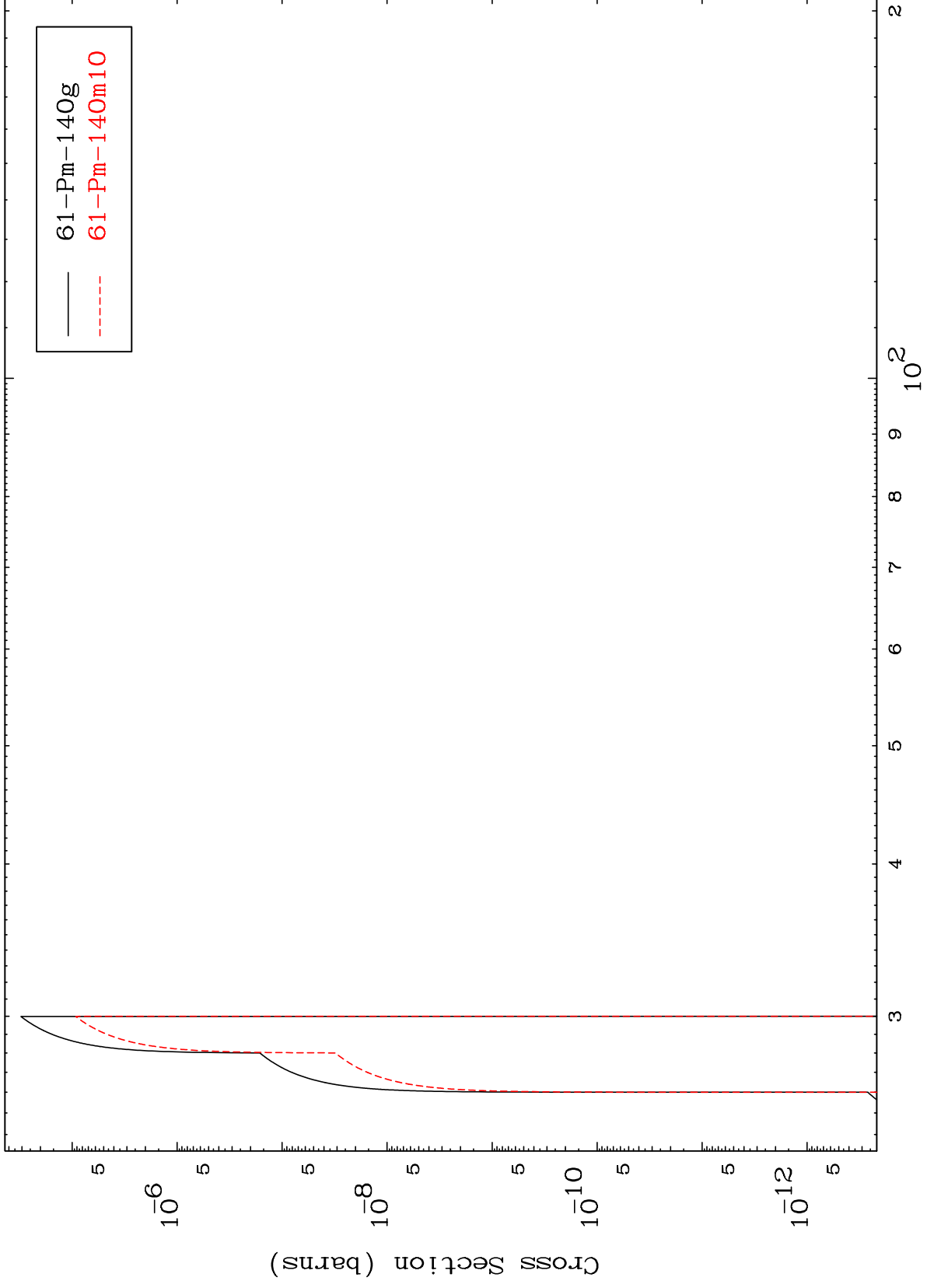
62-Sm-143m

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(n,2n) p

62-Sm-143m

Radionuclide Production Cross Section



15

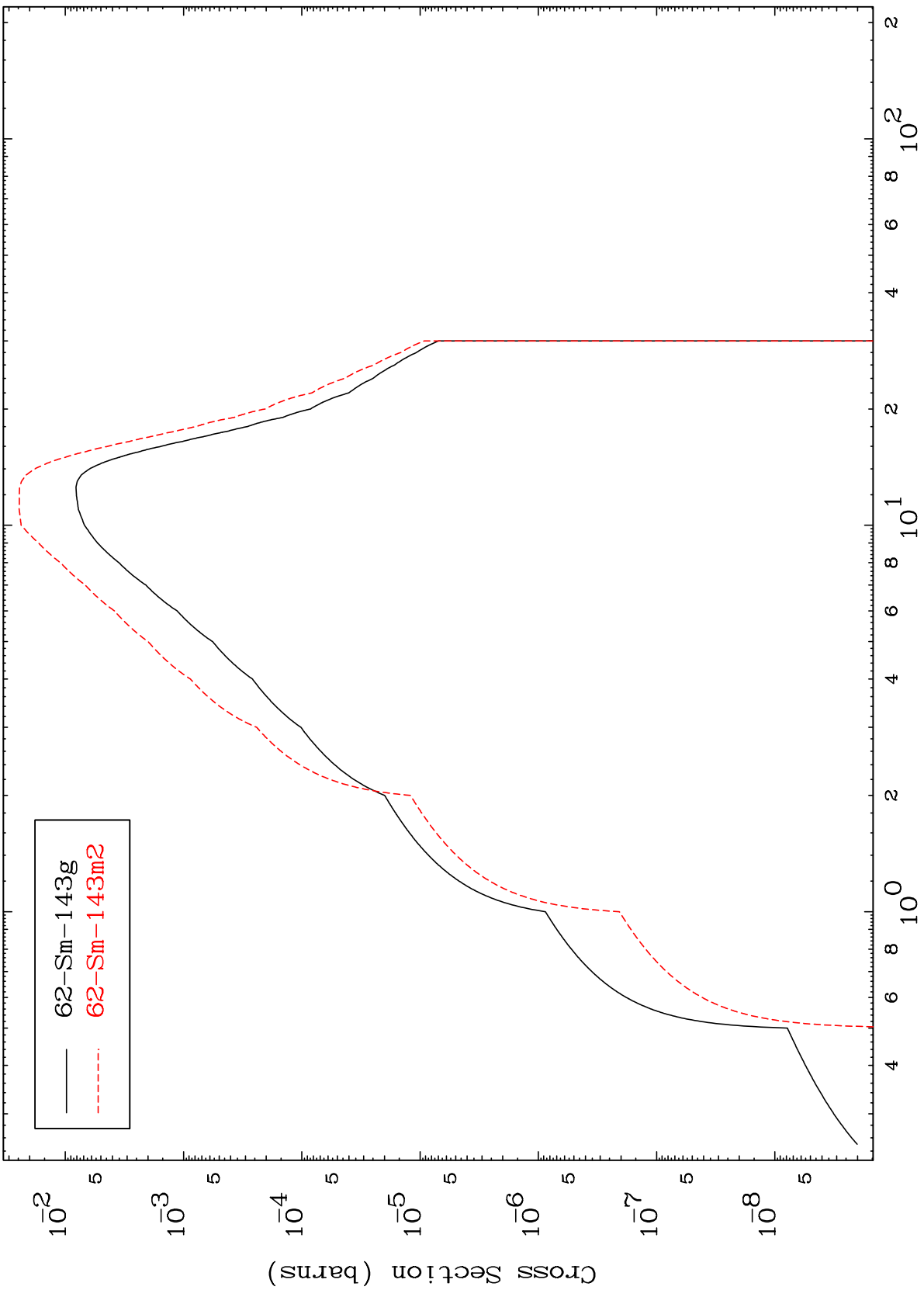
Incident Energy (MeV)

62-Sm-143m

MAT 6223

62-Sm-143m

Radionuclide Production Cross Section
(n, γ)



62-Sm-143m

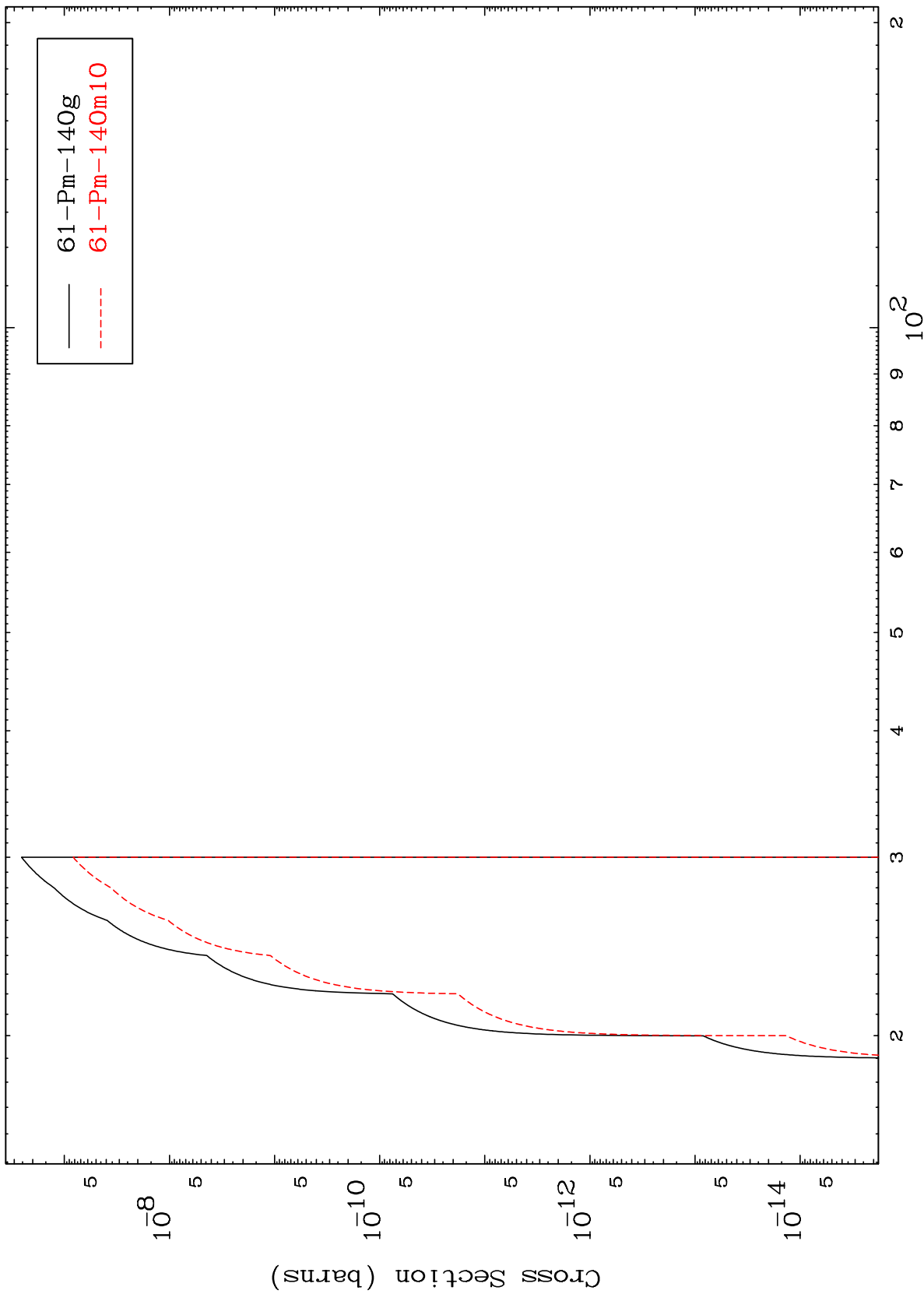
Incident Energy (MeV)

16

MAT 6223

62-Sm-143m

(n,t)
Radionuclide Production Cross Section



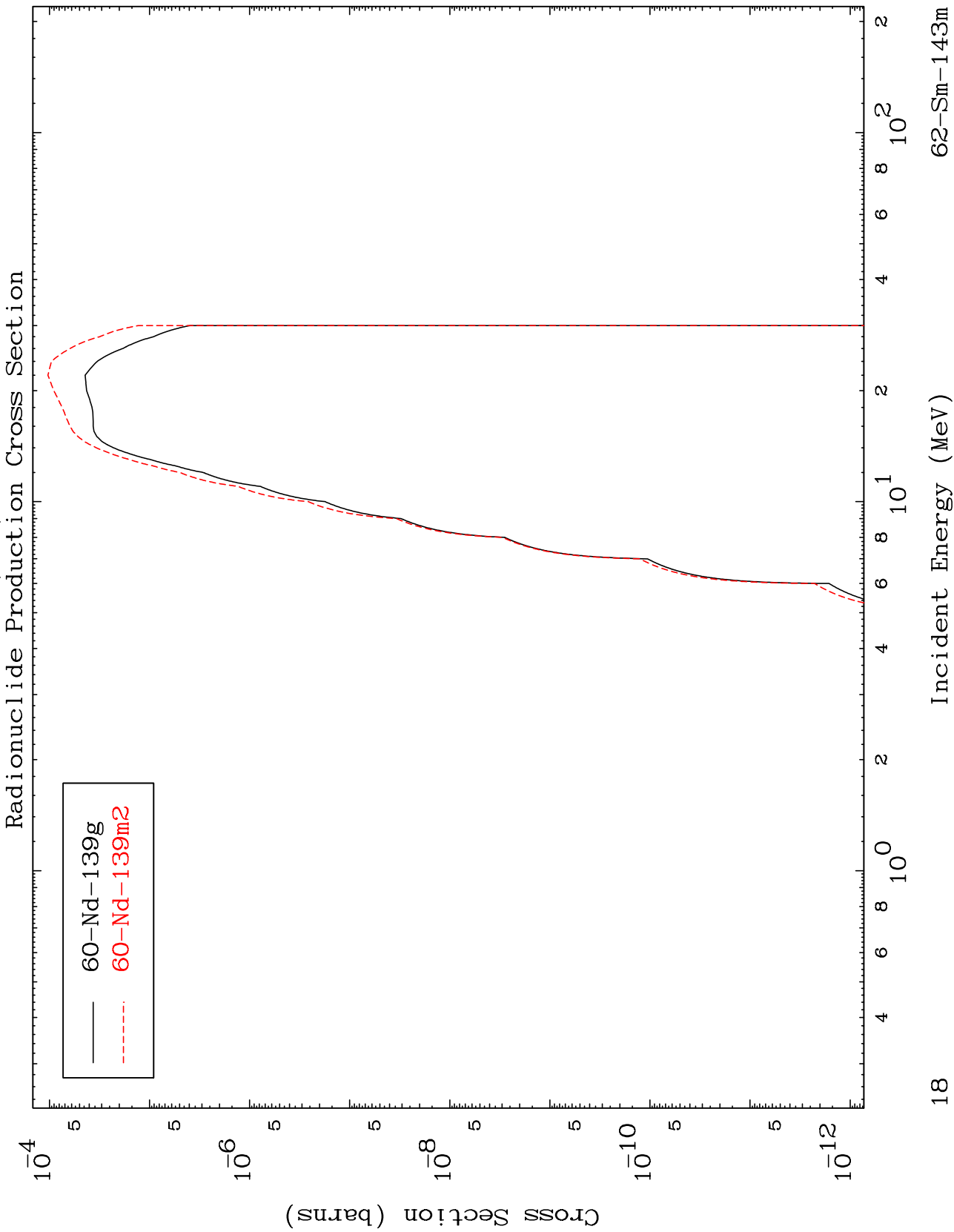
17

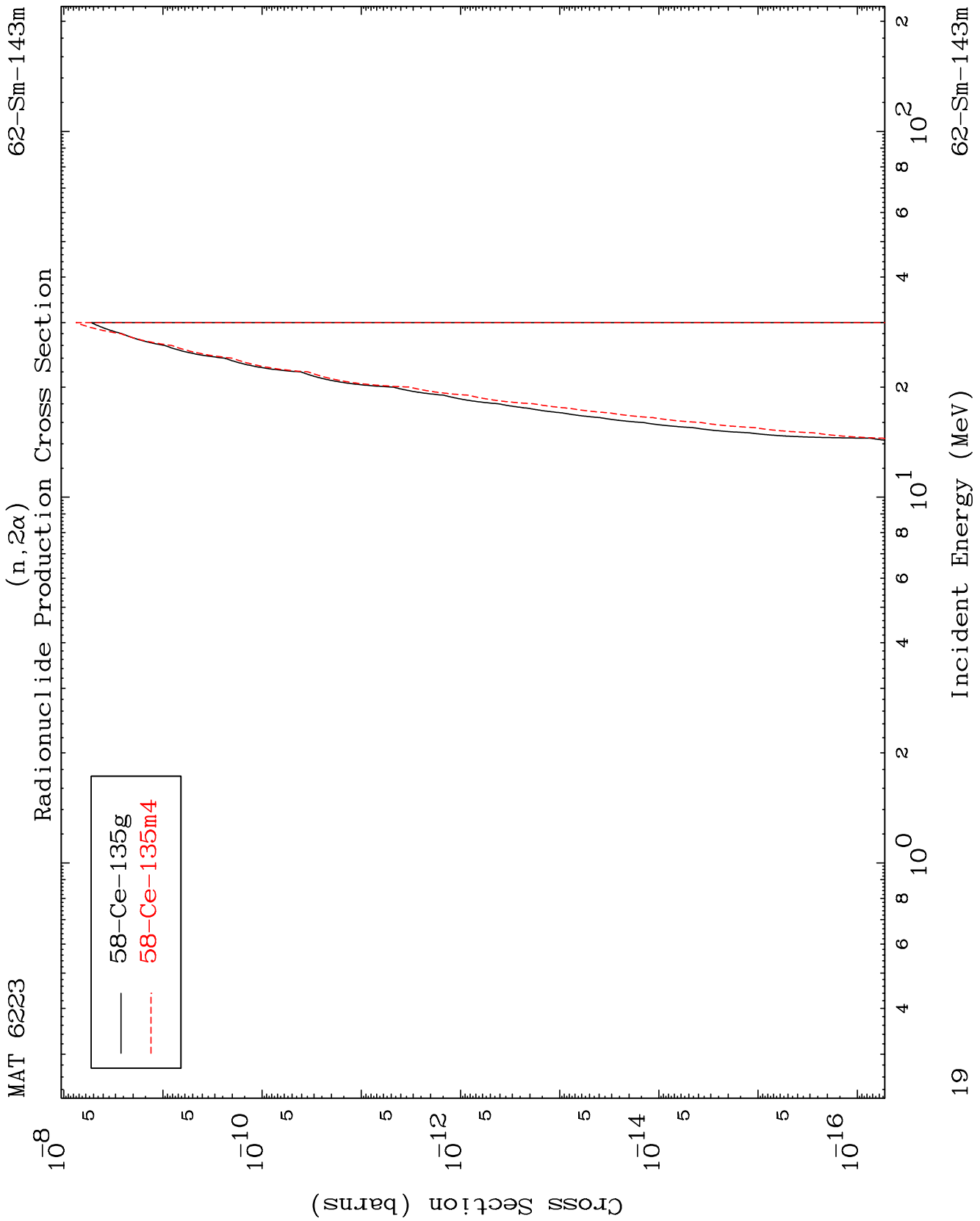
62-Sm-143m

Incident Energy (MeV)

MAT 6223

62-Sm-143m

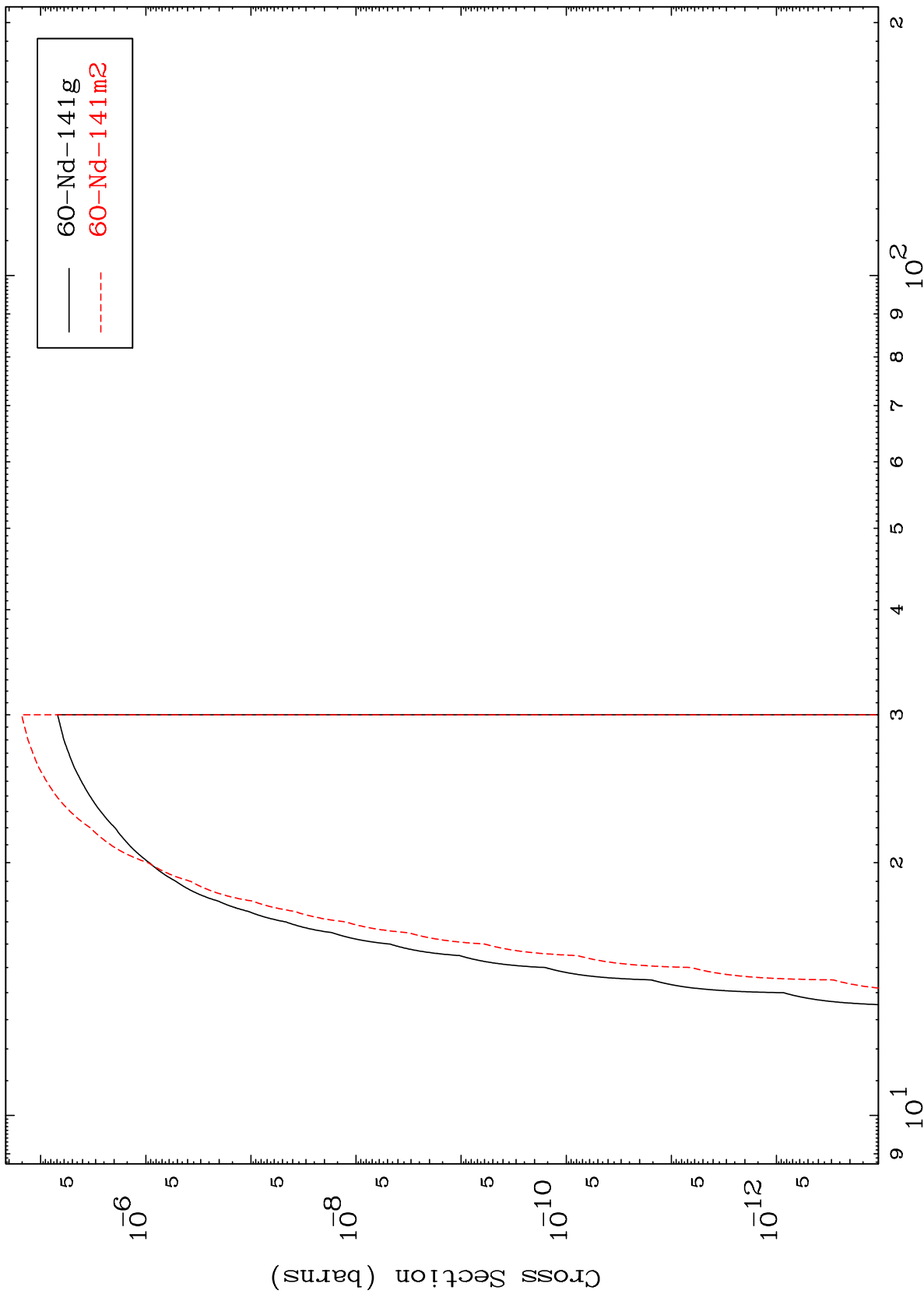




MAT 6223

62-Sm-143m

(n,2p)
Radionuclide Production Cross Section



62-Sm-143m

Incident Energy (MeV)

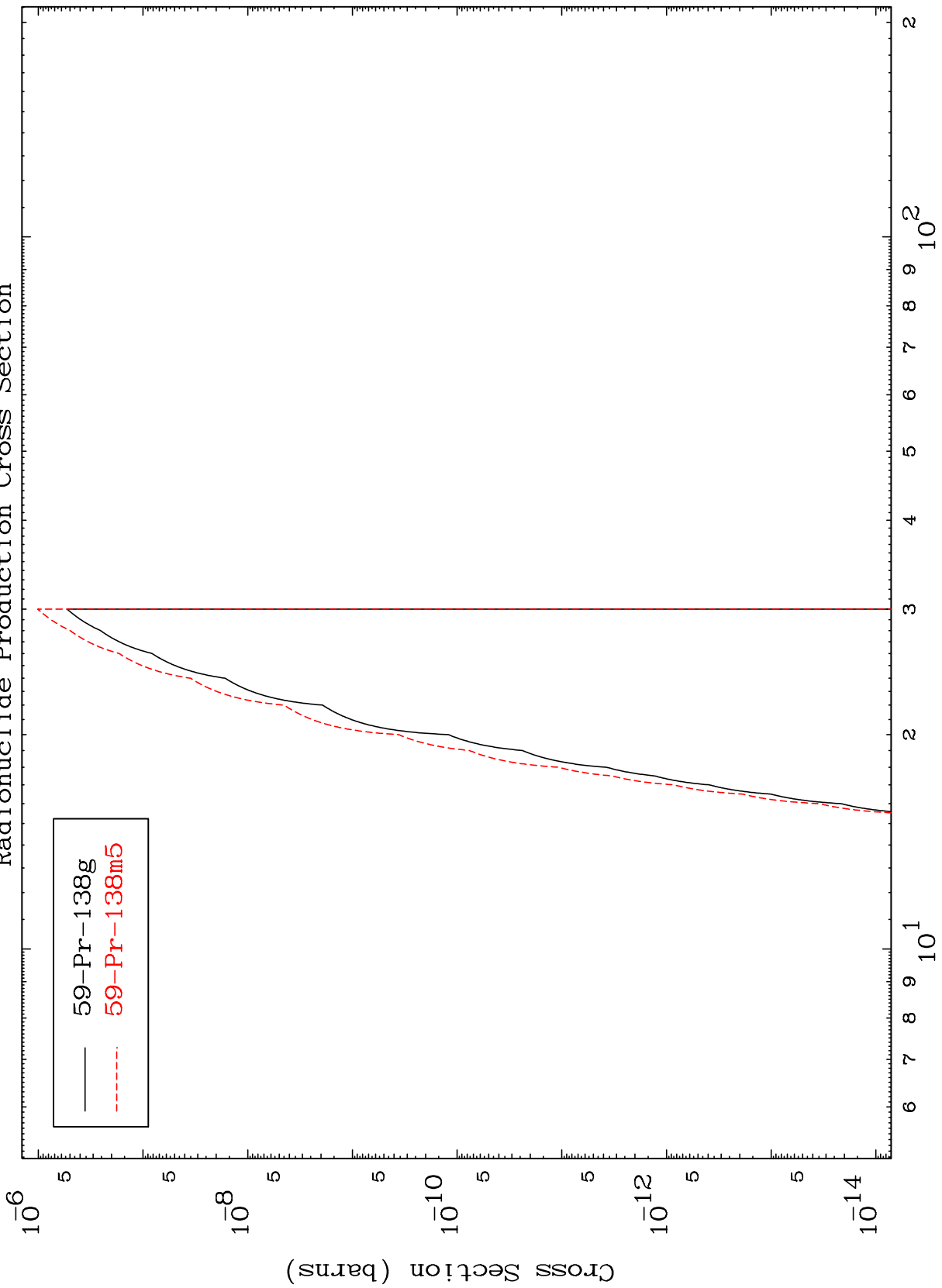
20

MAT 6223

62-Sm-143m

(n,p) α

Radionuclide Production Cross Section



59-Pr-138g
59-Pr-138m5