

Program EVALPLOT
(Version 2021-1)

by

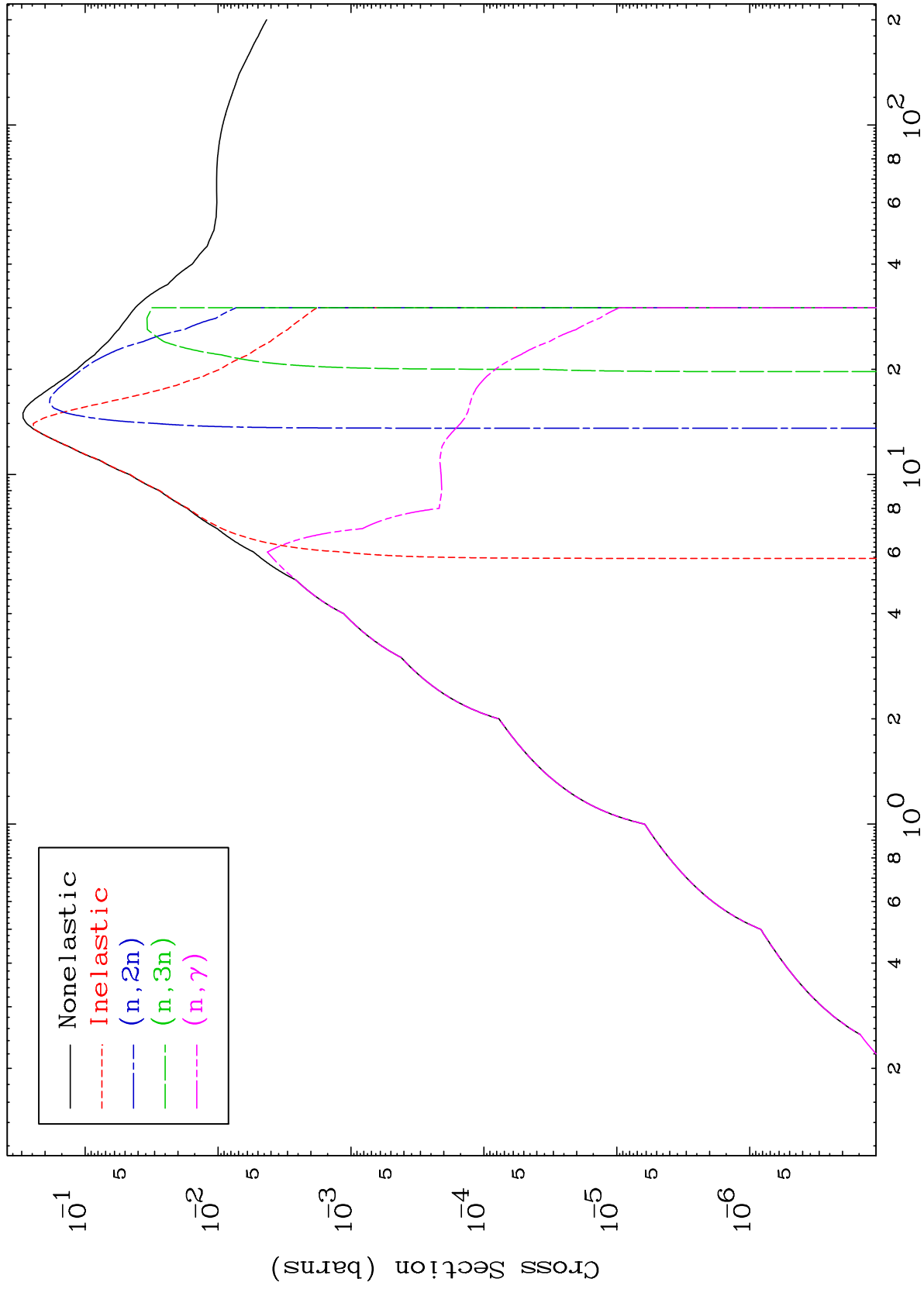
Dermott E. Cullen
(Present Contact Information)

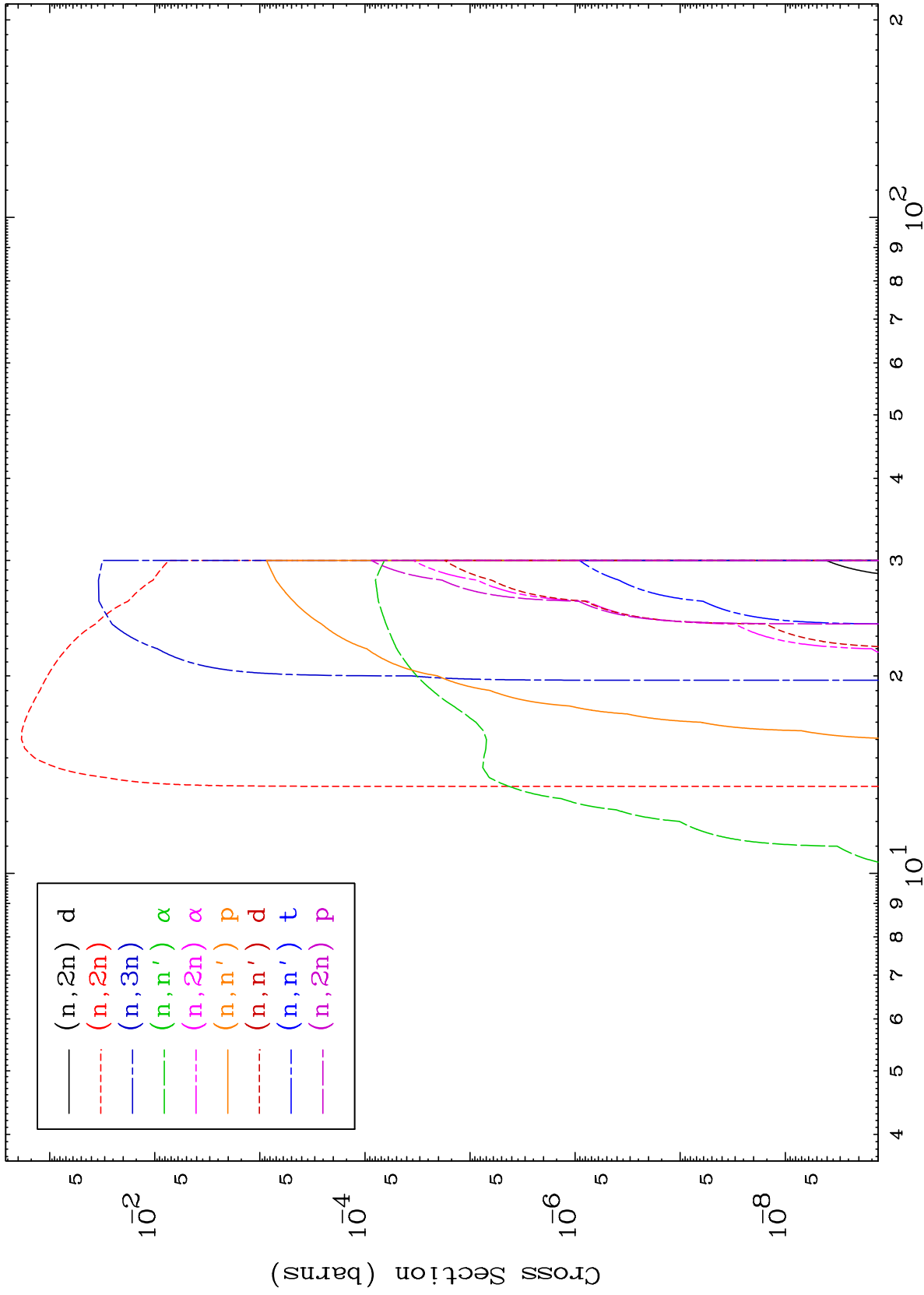
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Press Mouse Button to Start

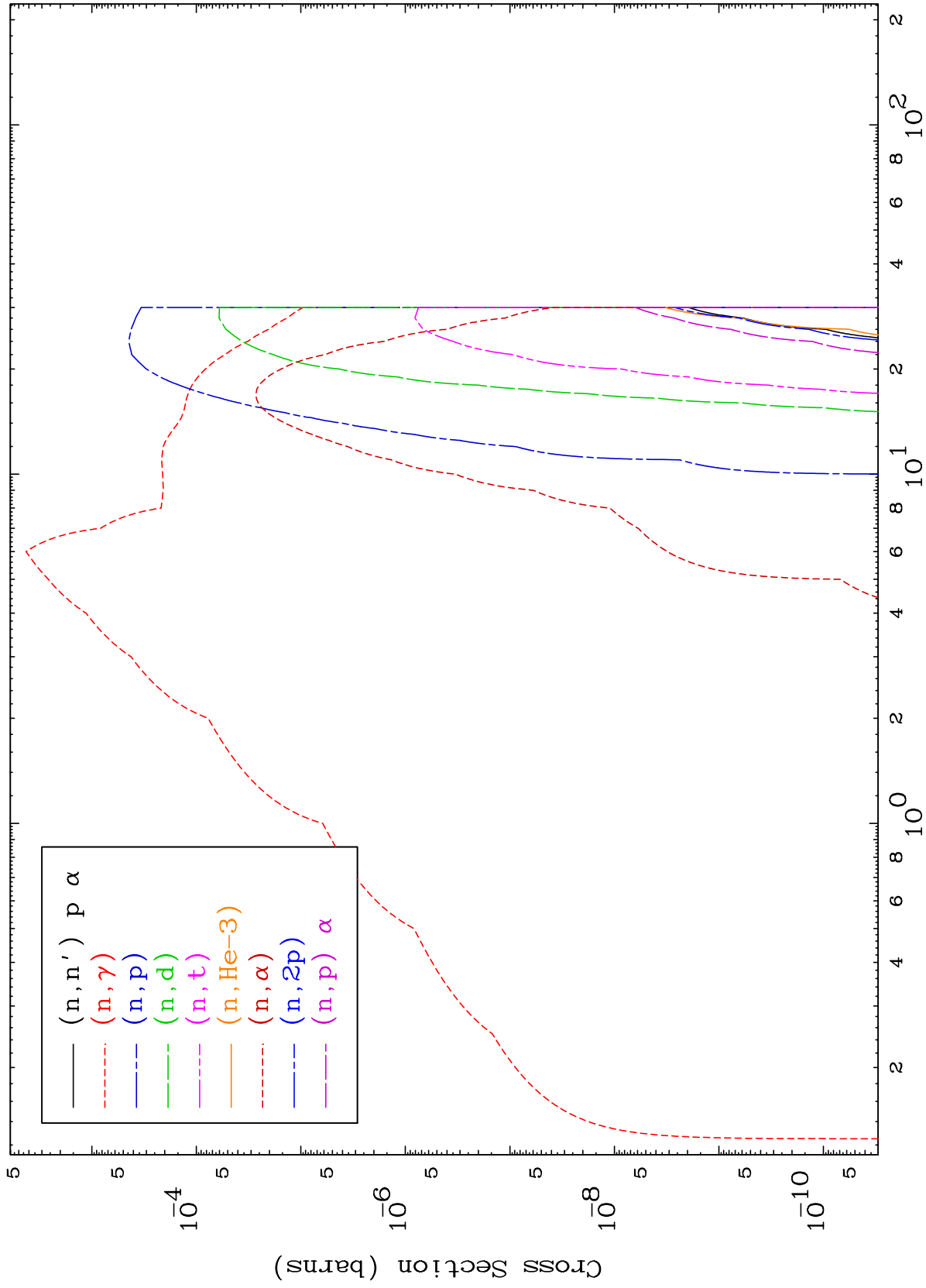




MAT 6034

Photon Neutron Absorption
0 Kelvin Cross Sections

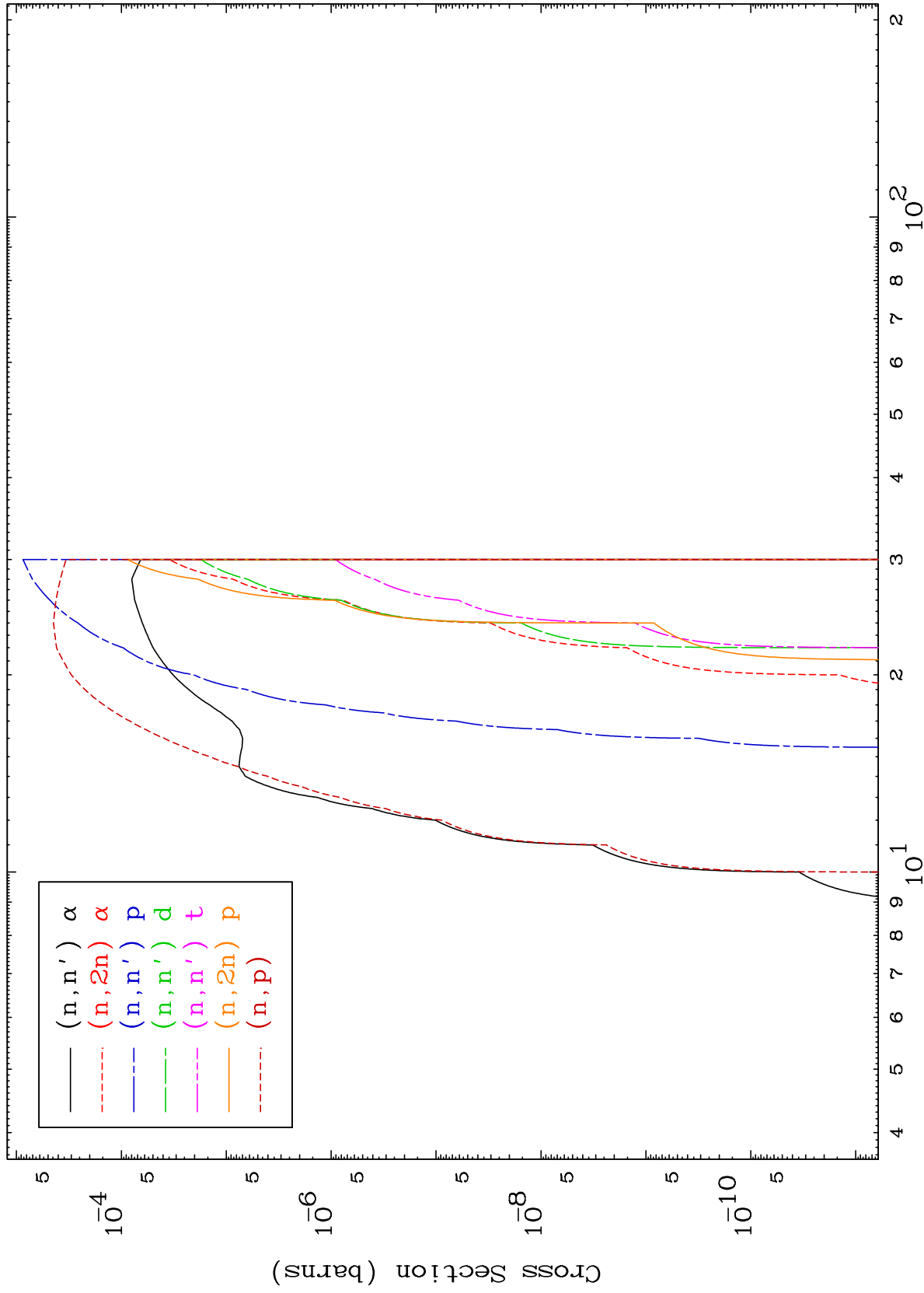
60-Nd-145



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Incident Energy (MeV)

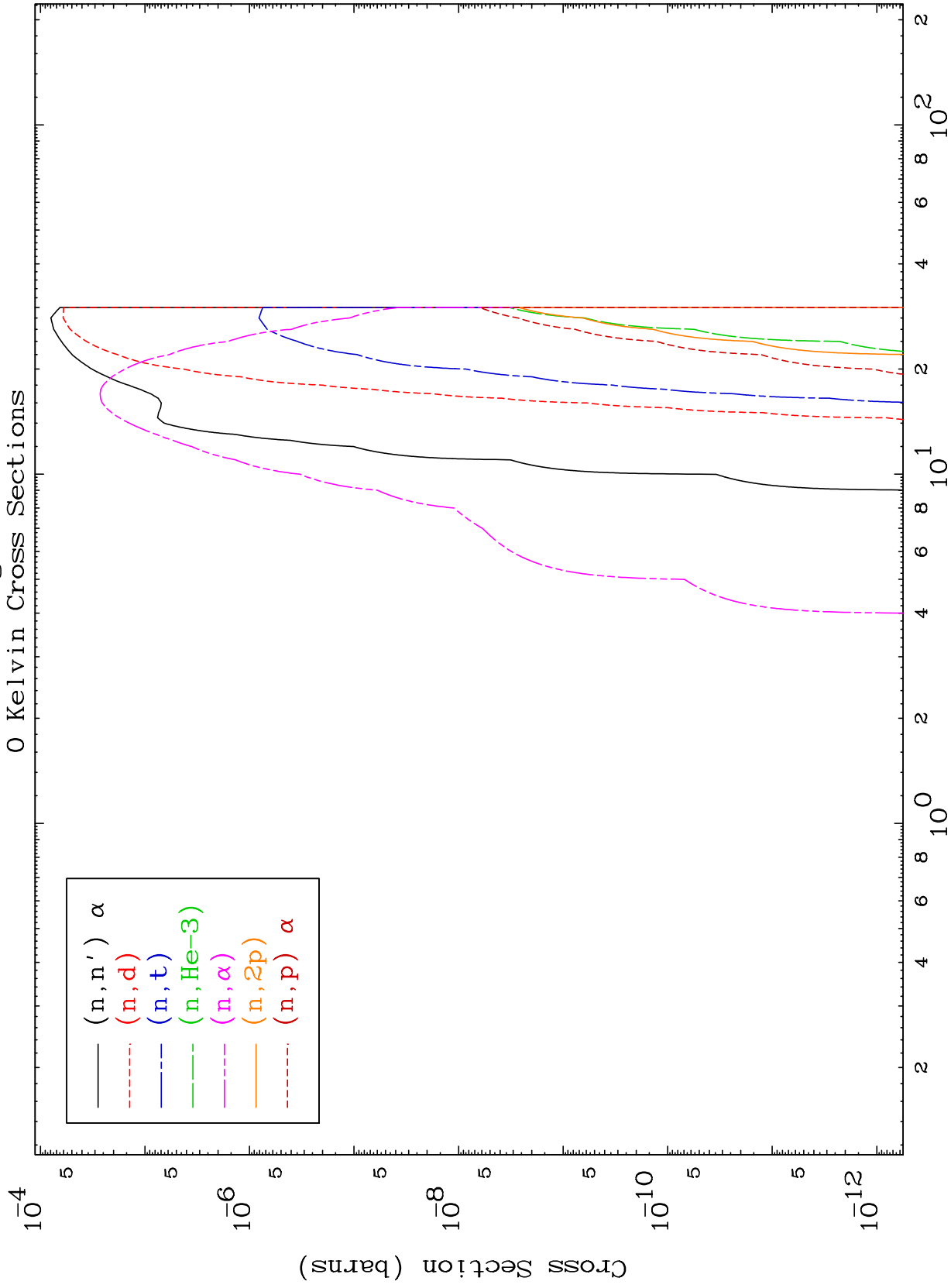
60-Nd-145



MAT 6034

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-145



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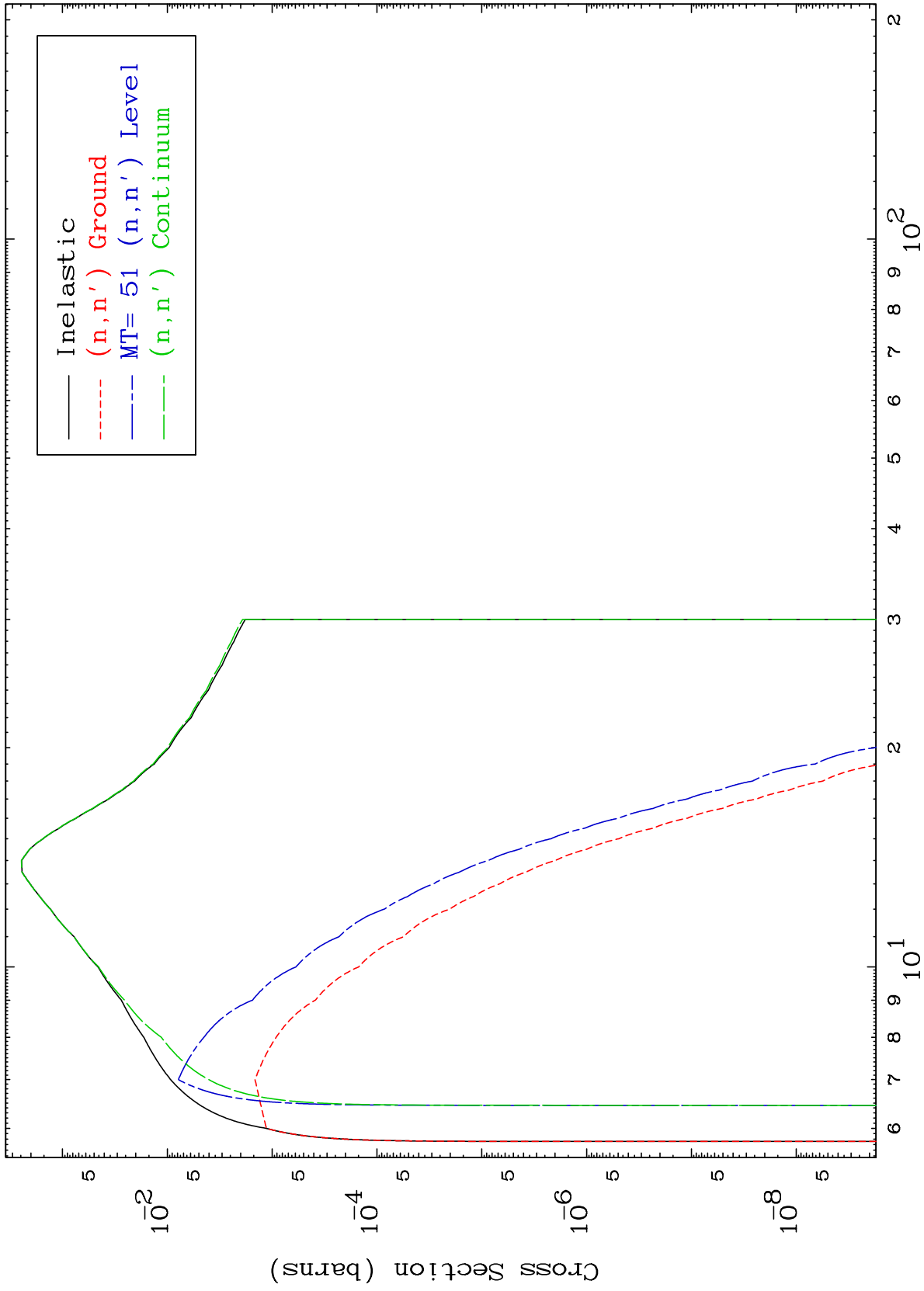
Incident Energy (MeV)

60-Nd-145

MAT 6034

(γ, n') Levels
0 Kelvin Cross Sections

60-Nd-145



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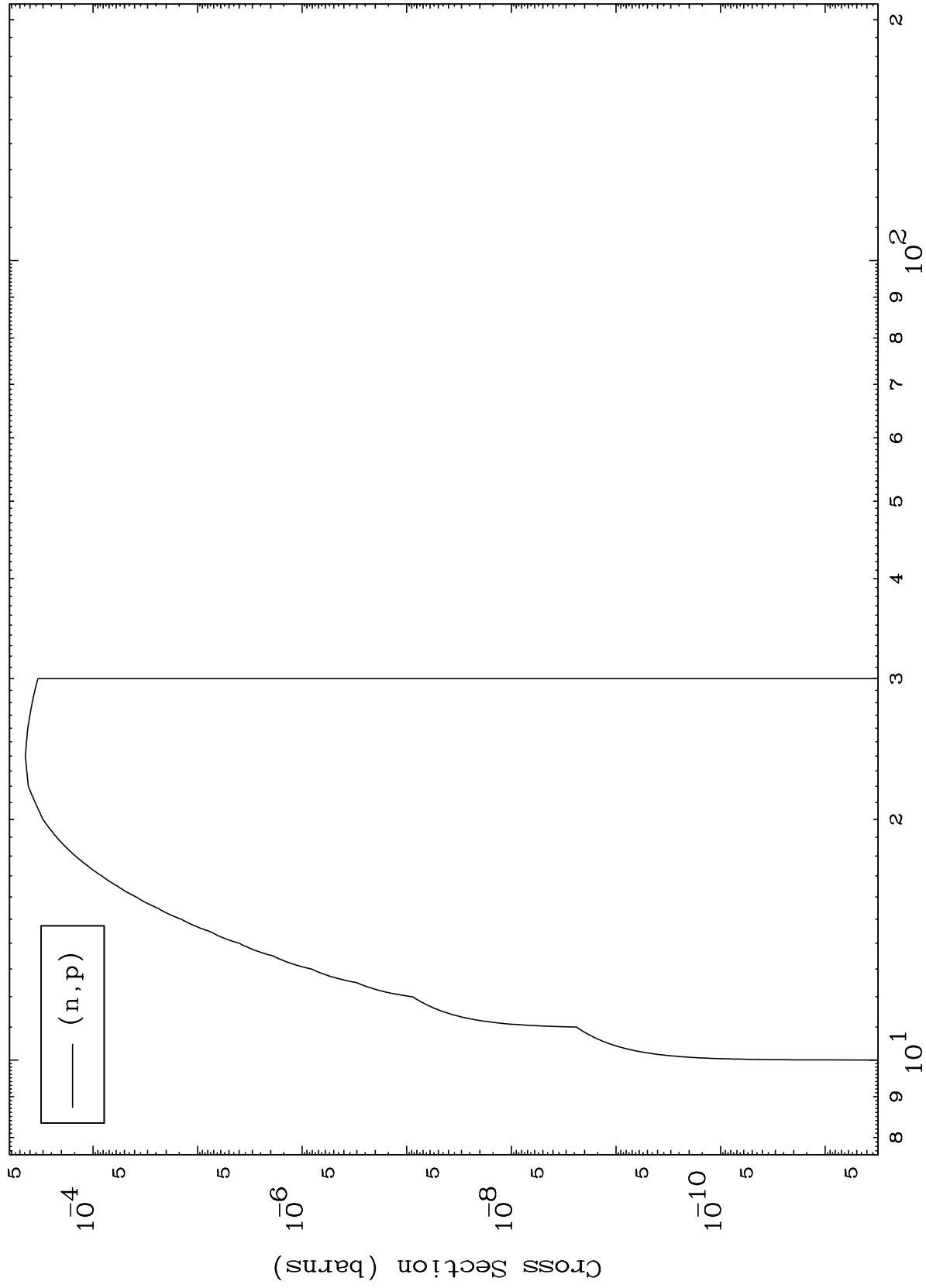
Incident Energy (MeV)

60-Nd-145

MAT 6034

(γ, p) Levels
0 Kelvin Cross Sections

60-Nd-145



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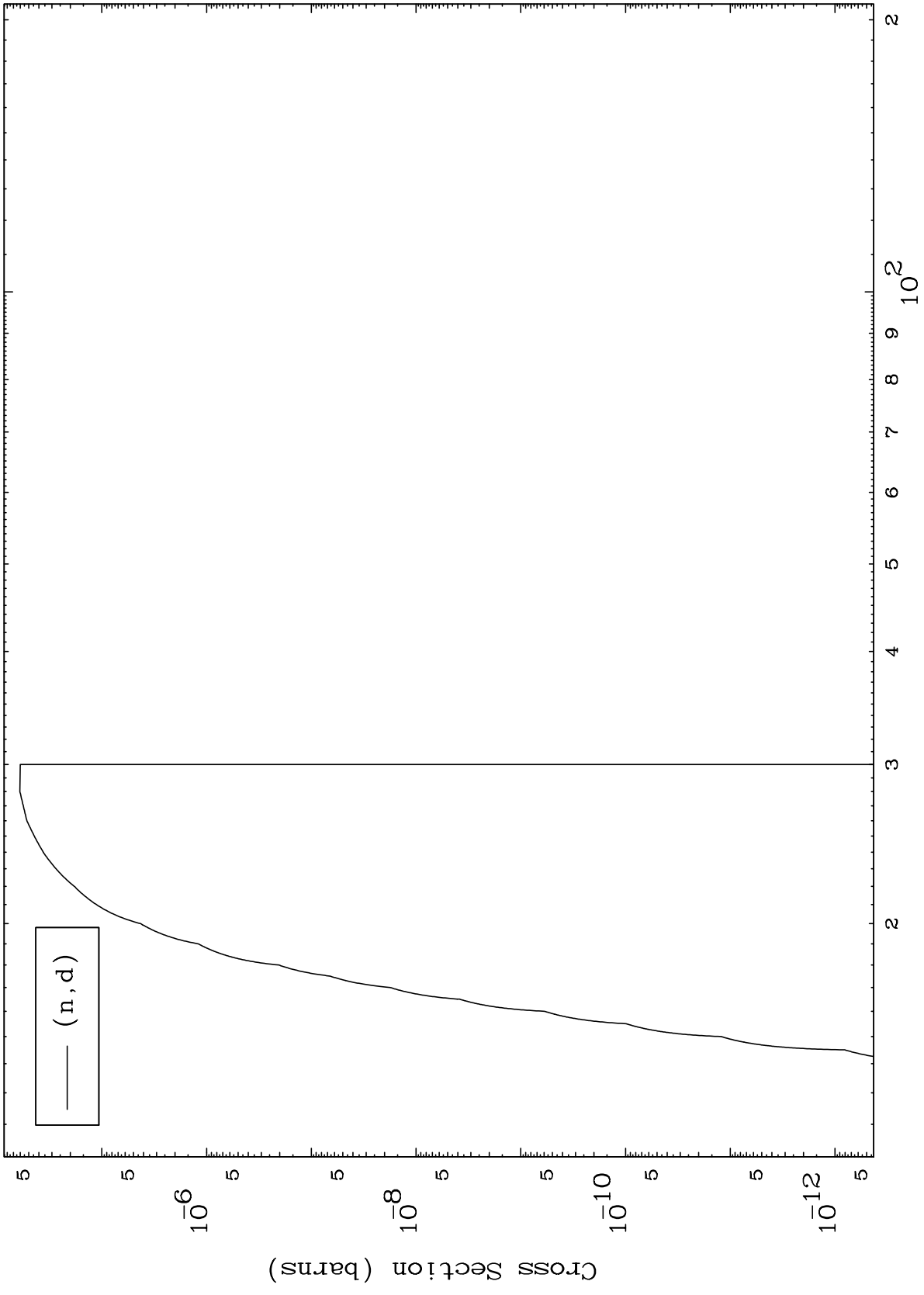
Incident Energy (MeV)

60-Nd-145

MAT 6034

(γ, d) Levels
0 Kelvin Cross Sections

60-Nd-145



8

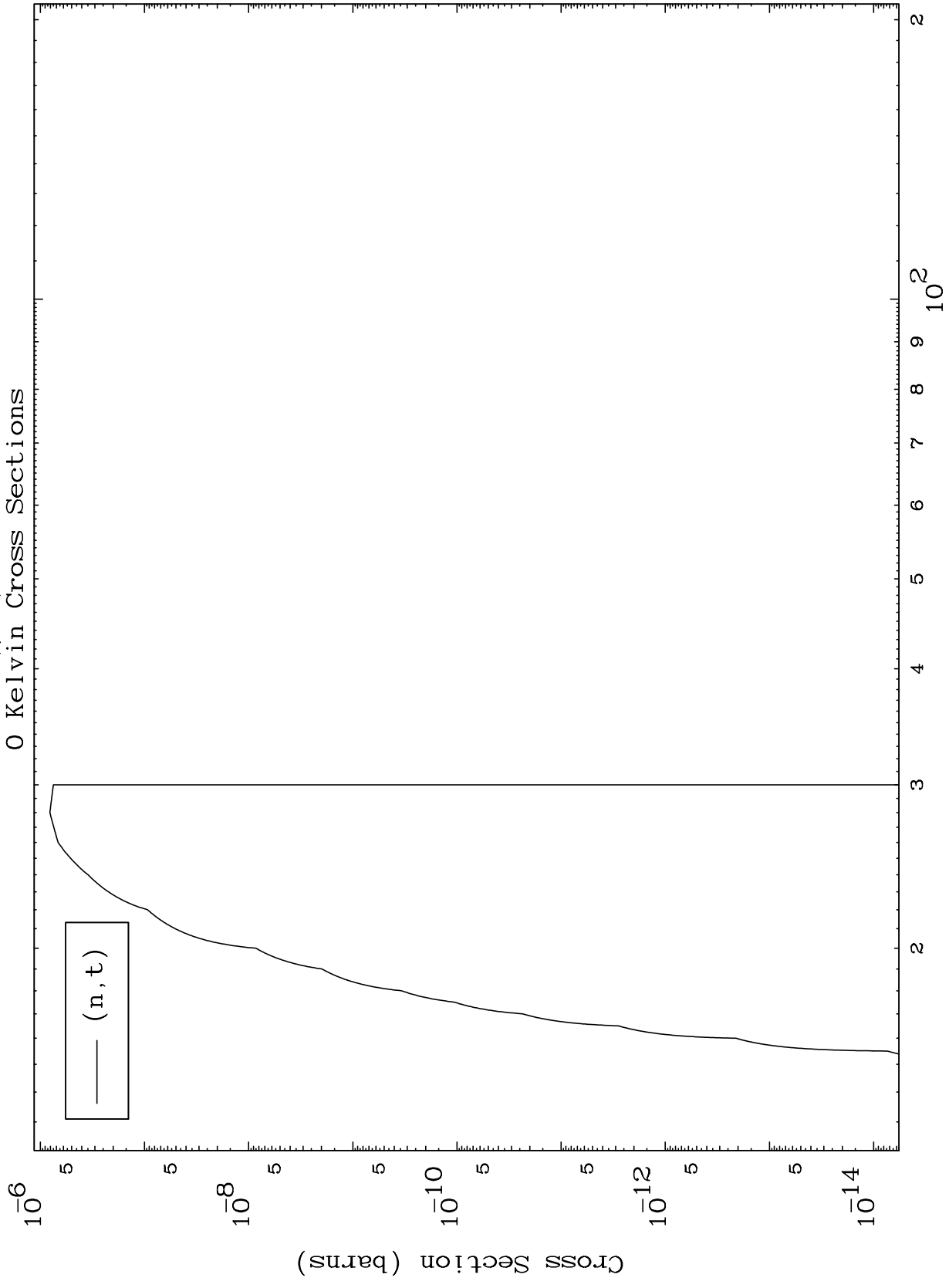
Incident Energy (MeV)

60-Nd-145

MAT 6034

(γ, t) Levels
0 Kelvin Cross Sections

60-Nd-145



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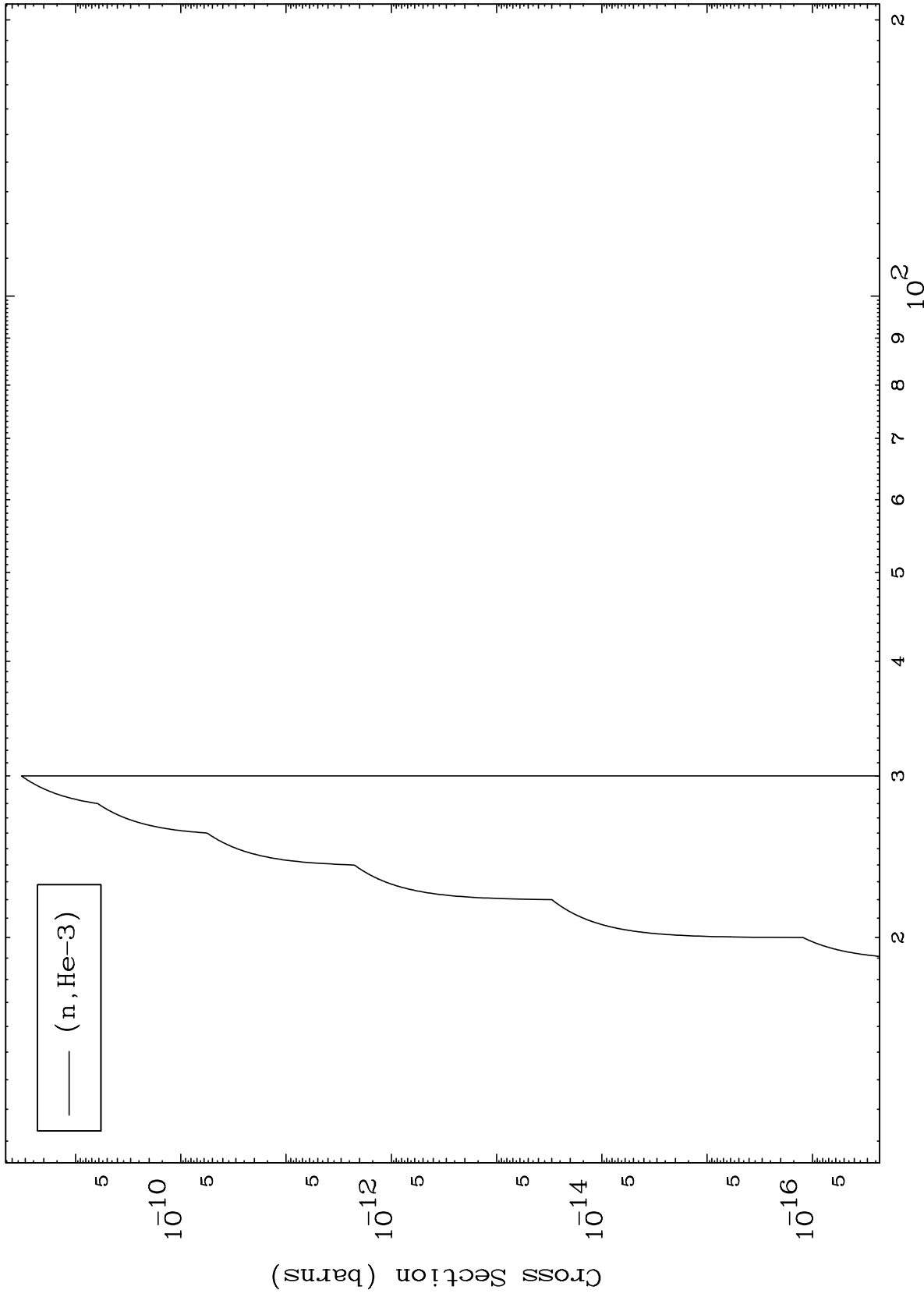
Incident Energy (MeV)

60-Nd-145

MAT 6034

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

60-Nd-145



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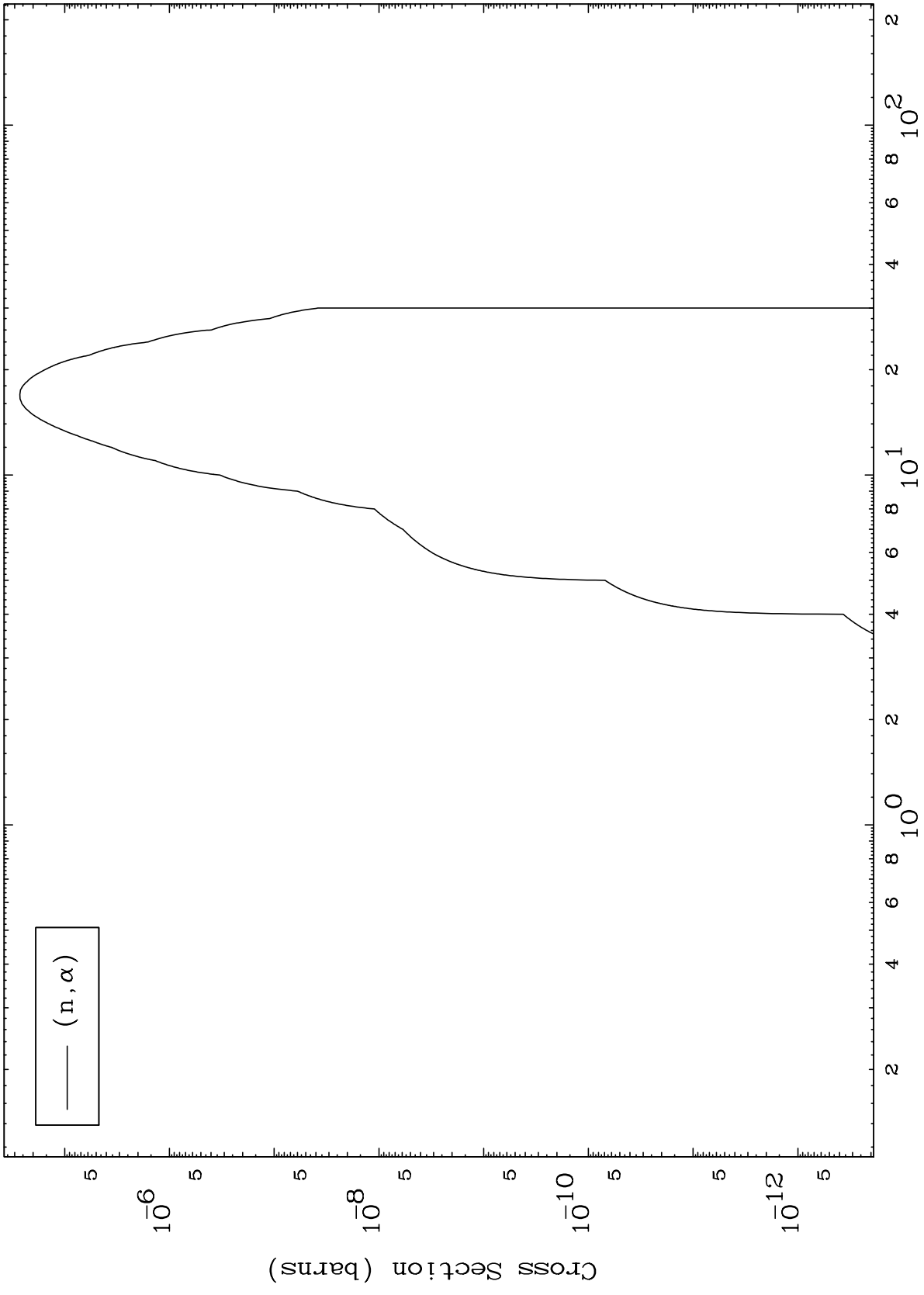
Incident Energy (MeV)

60-Nd-145

MAT 6034

(γ, α) Levels
0 Kelvin Cross Sections

60-Nd-145



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Incident Energy (MeV)

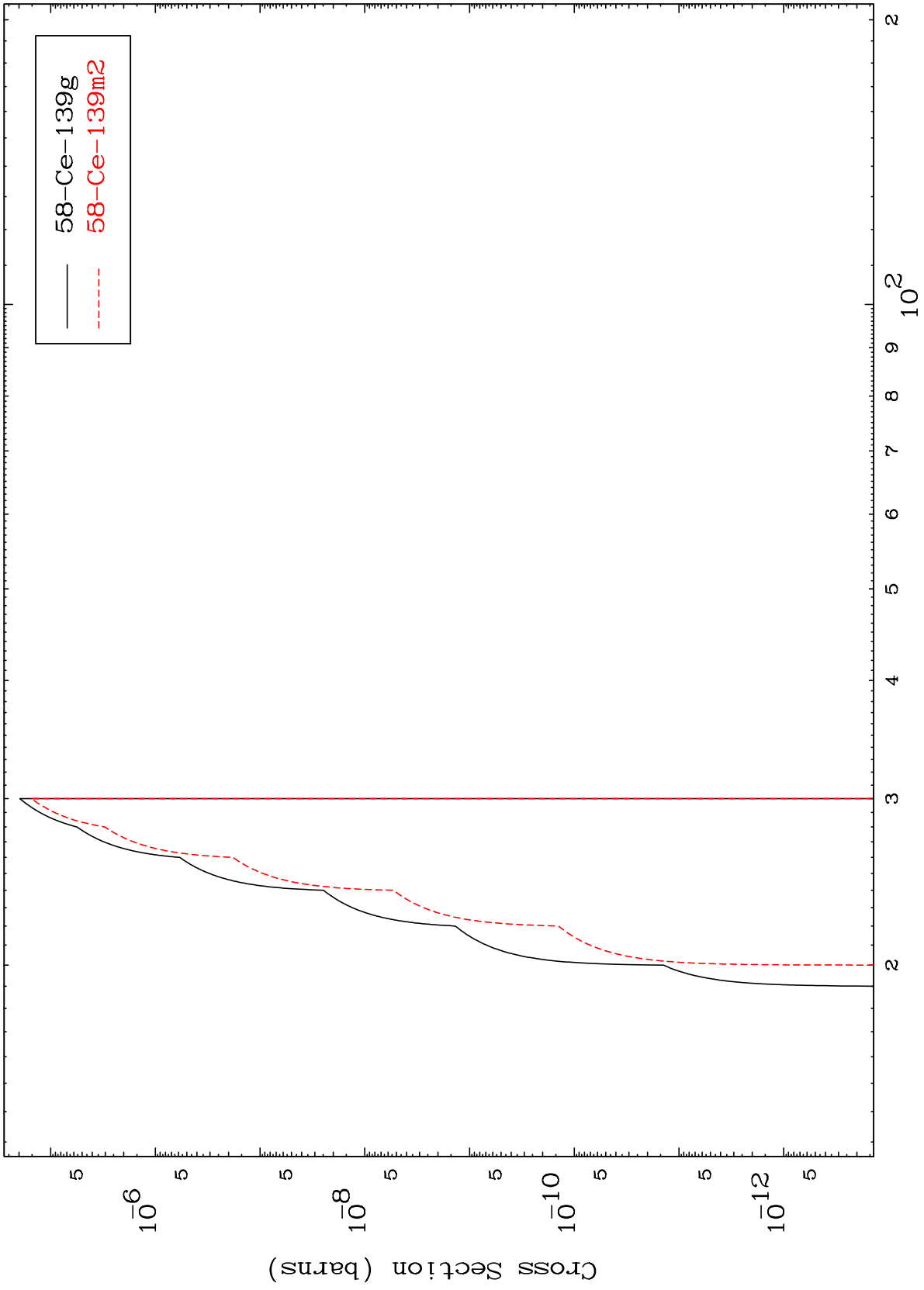
60-Nd-145

MAT 6034

$(n, 2n) \alpha$

$^{60}\text{Nd}-^{145}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

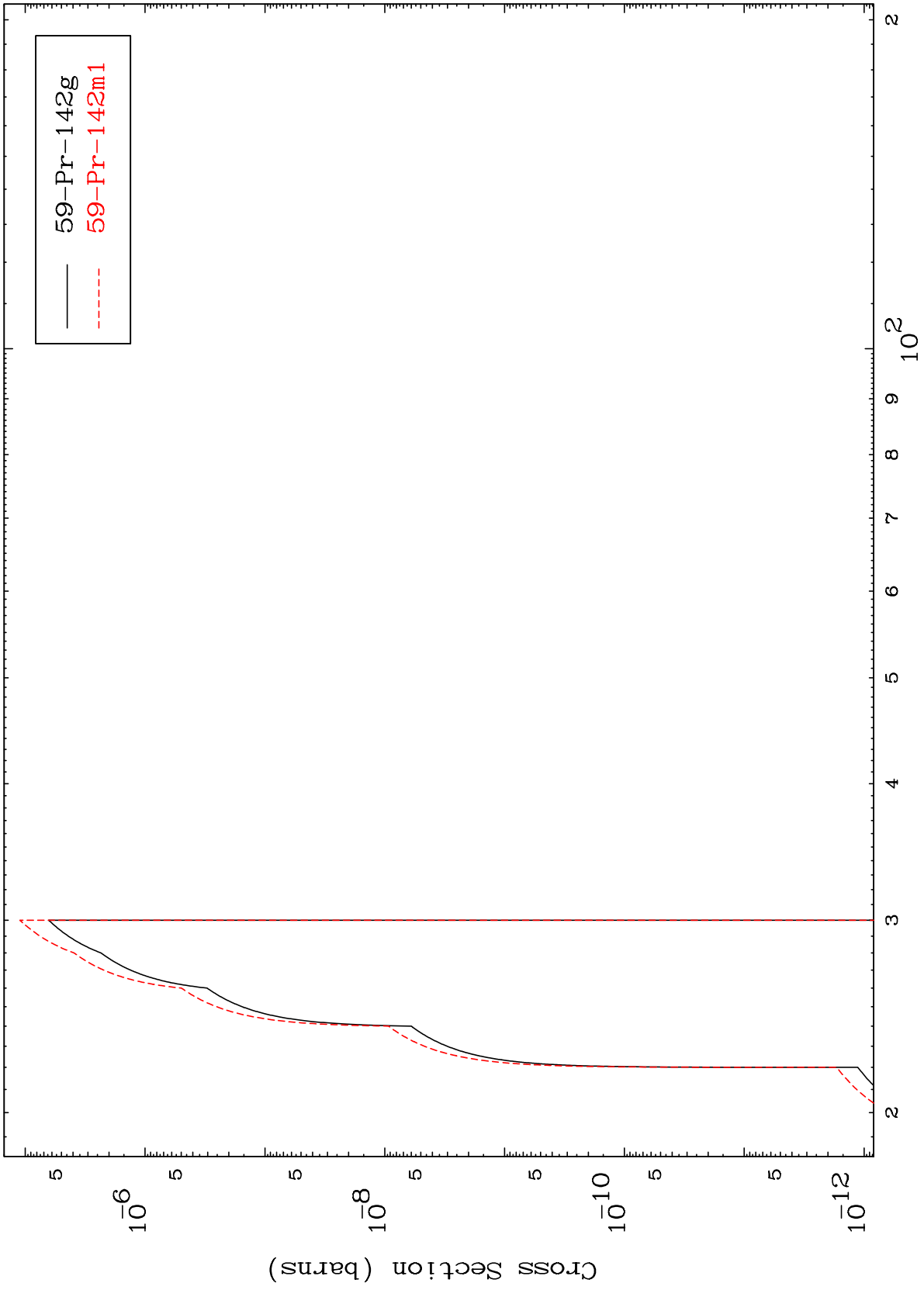
$^{60}\text{Nd}-^{145}$

MAT 6034

(n,n') d

⁶⁰Nd-145

Radionuclide Production Cross Section



13

Incident Energy (MeV)

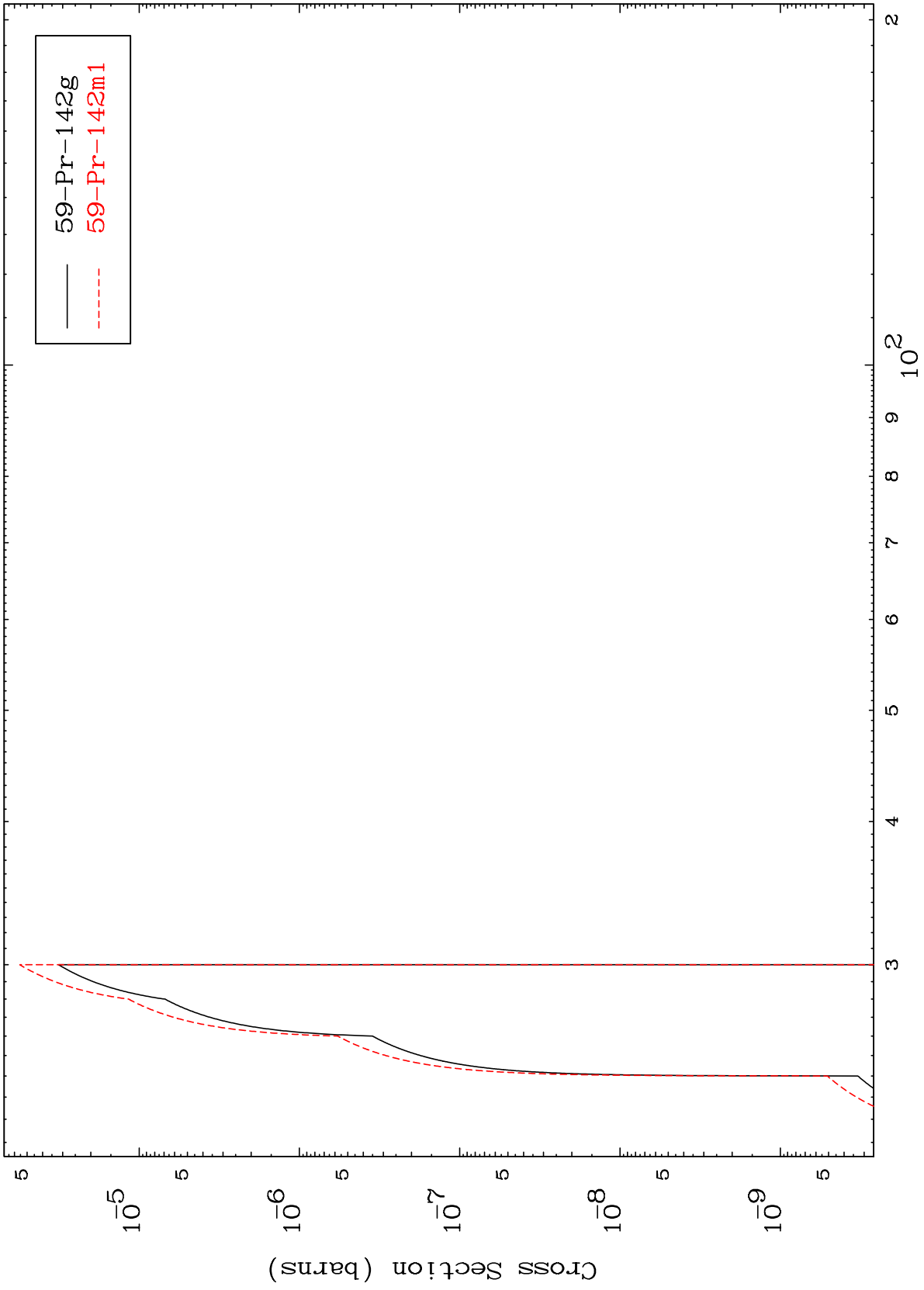
⁶⁰Nd-145

MAT 6034

(n,2n) p

60-Nd-145

Radionuclide Production Cross Section



14

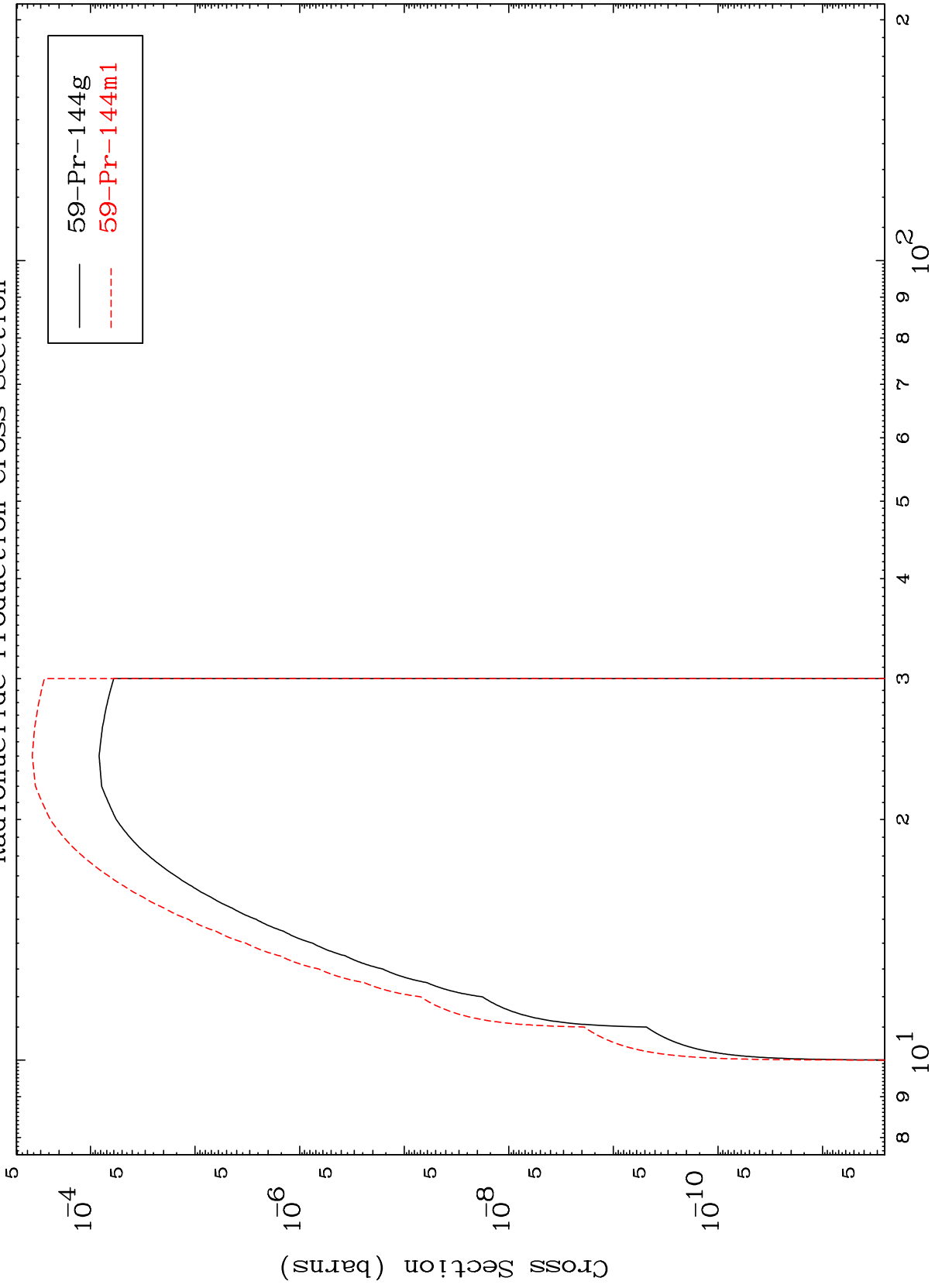
Incident Energy (MeV)

60-Nd-145

MAT 6034

60-Nd-145

(n,p)
Radionuclide Production Cross Section



15

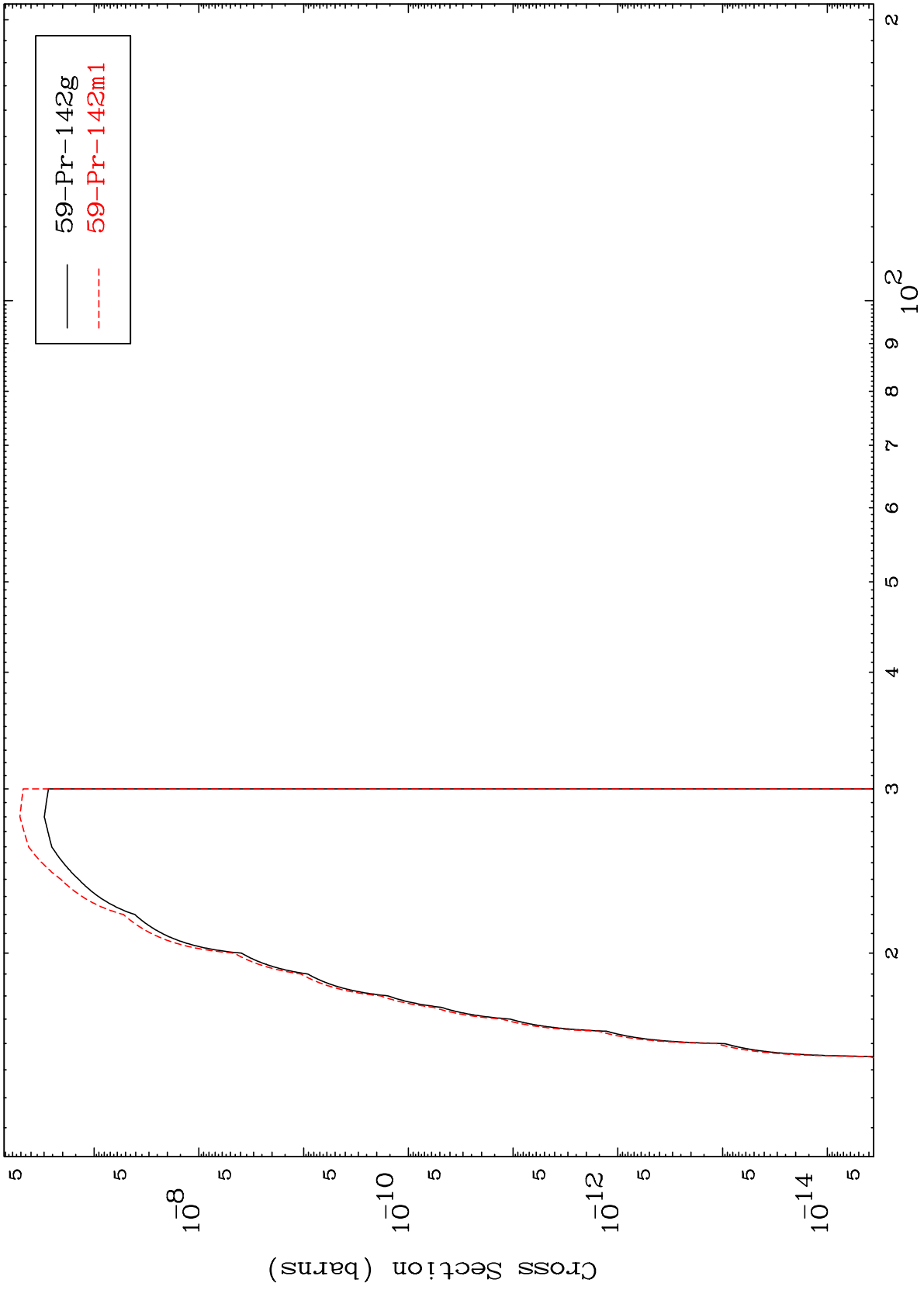
Incident Energy (MeV)

60-Nd-145

MAT 6034

60-Nd-145

(n, t)
Radionuclide Production Cross Section



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Incident Energy (MeV)

60-Nd-145