

Program EVALPLOT
(Version 2021-1)

by

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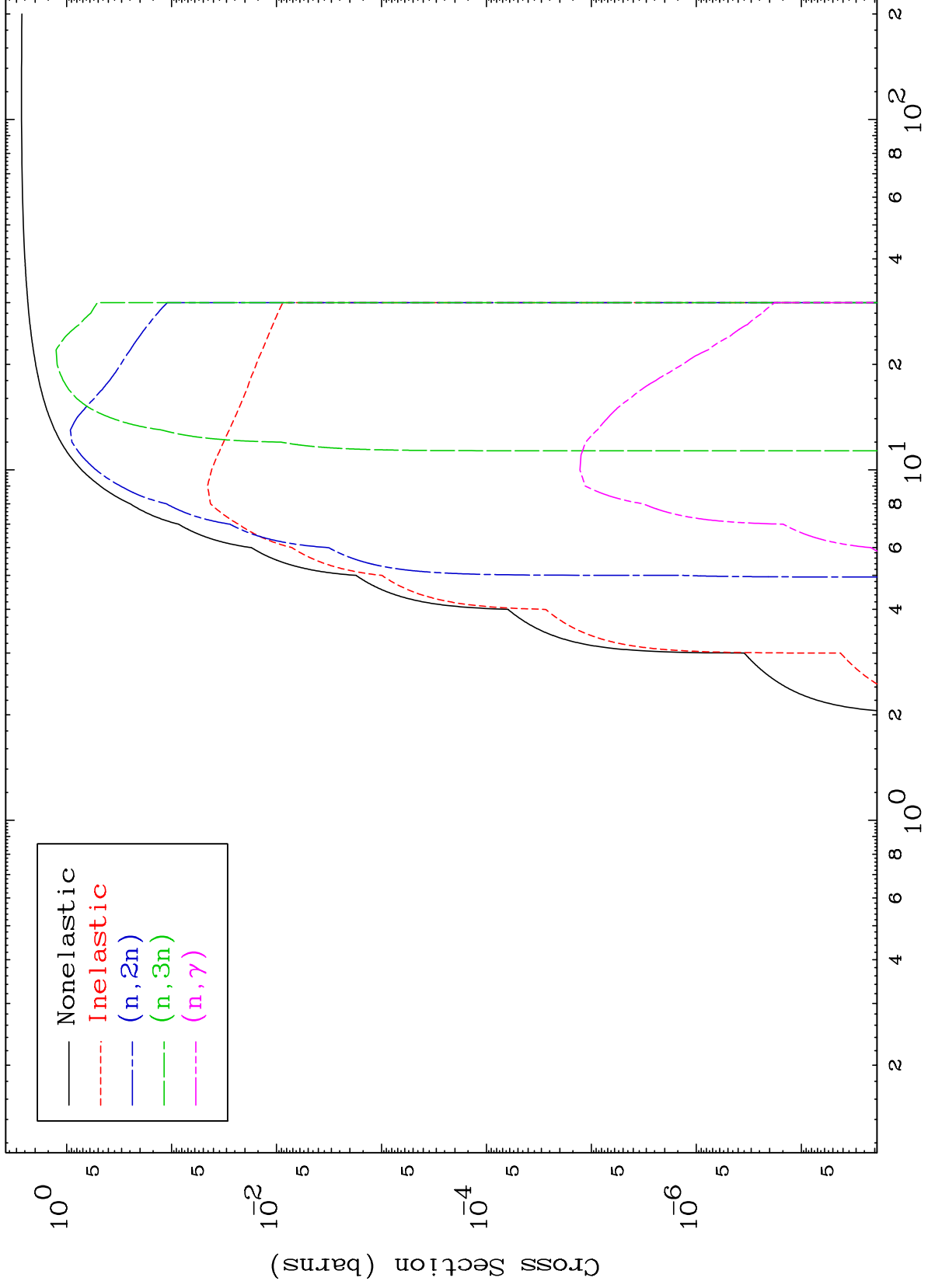
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6249

Deuteron Major
0 Kelvin Cross Sections

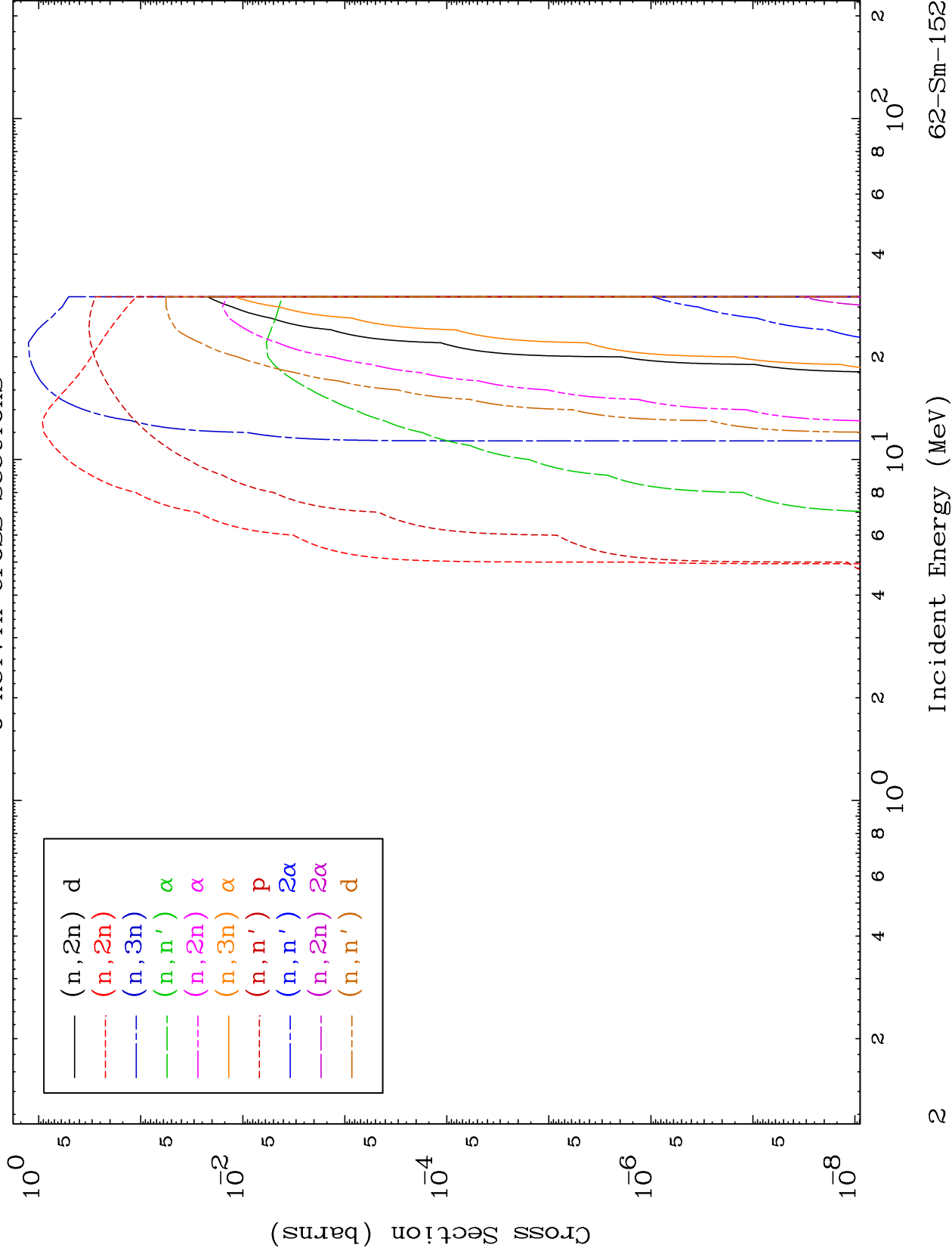
62-Sm-152



MAT 6249

Deuteron Neutron Absorption
0 Kelvin Cross Sections

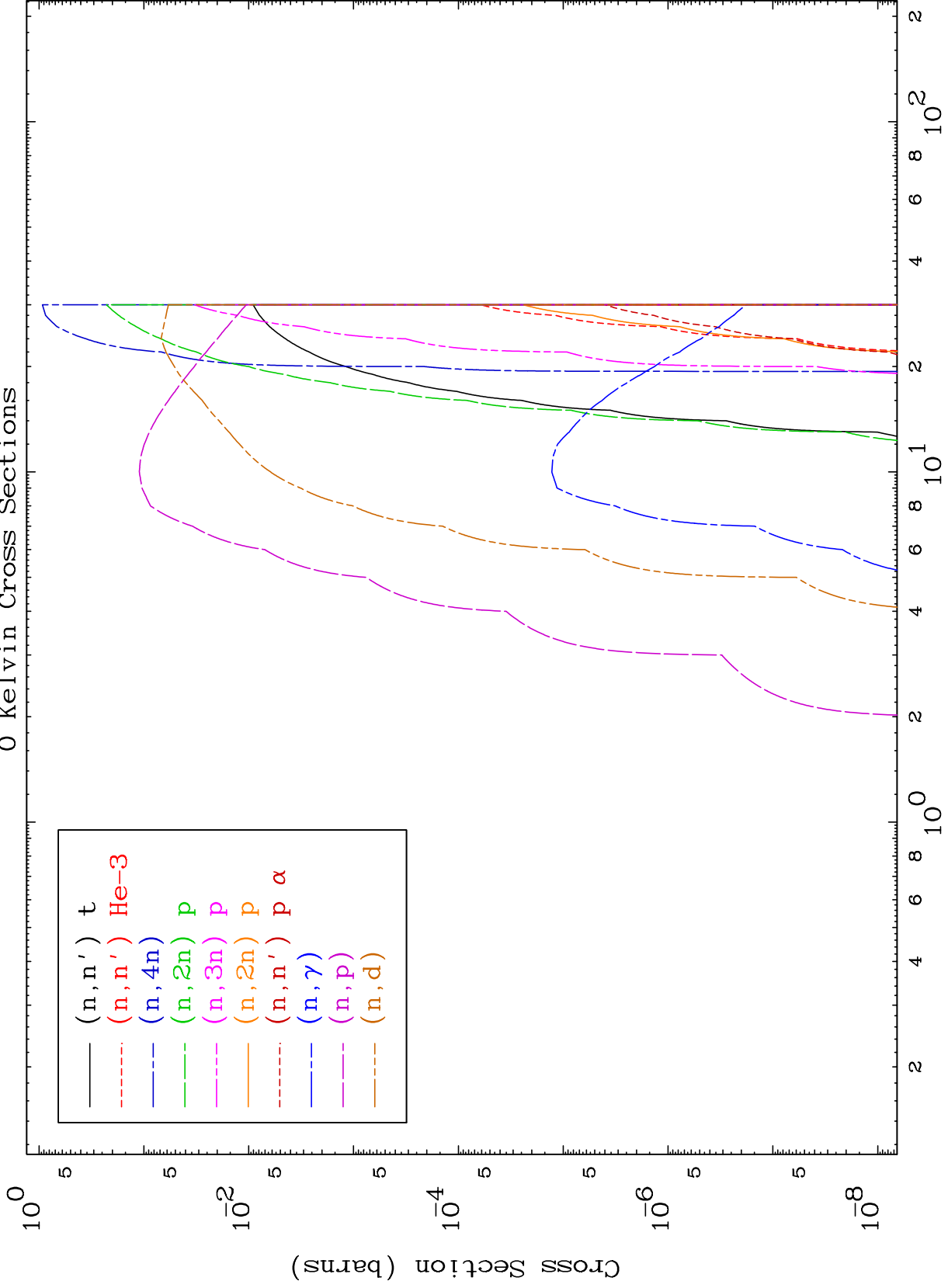
62-Sm-152



MAT 6249

Deuteron Neutron Absorption
0 Kelvin Cross Sections

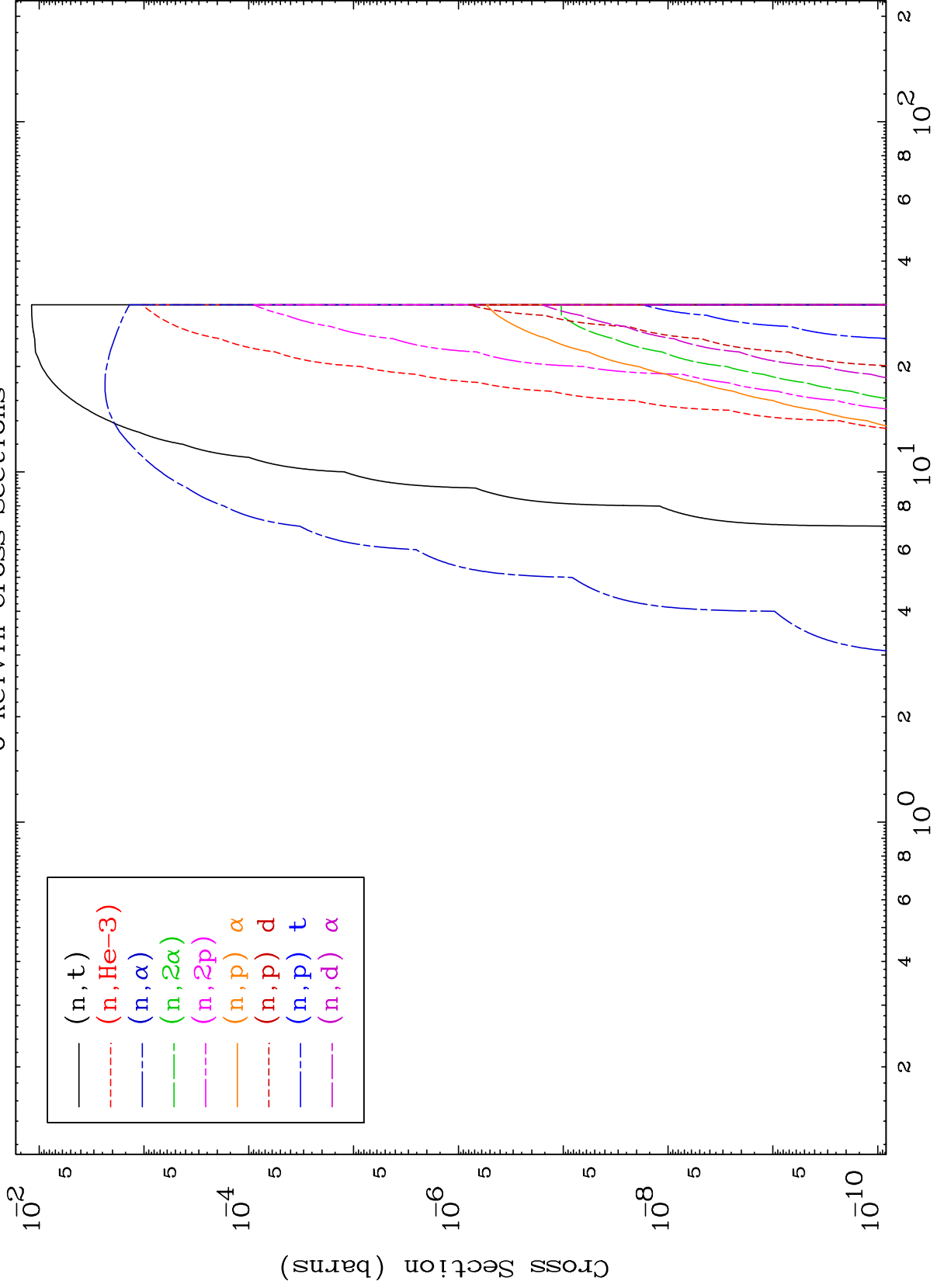
62-Sm-152



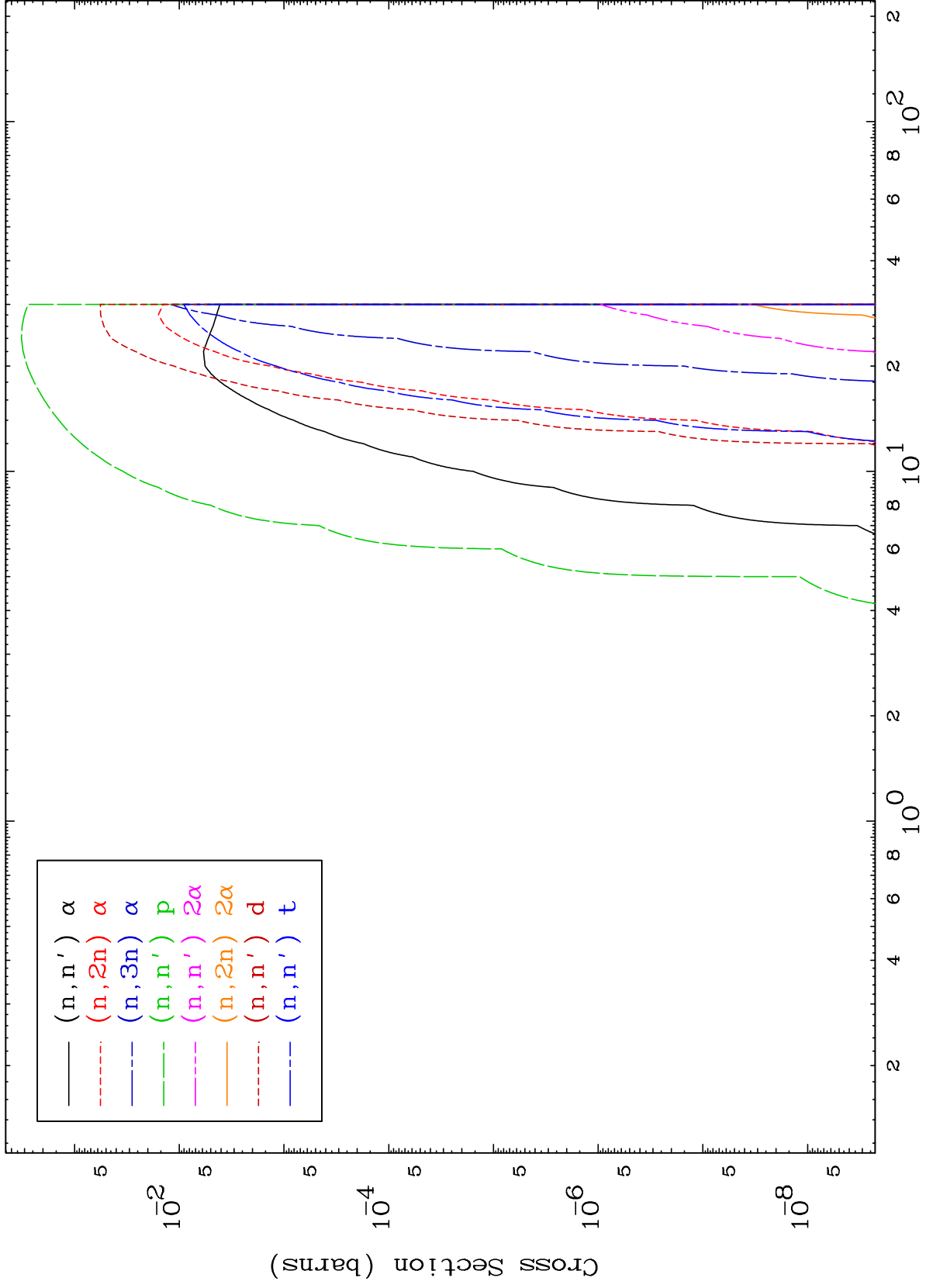
MAT 6249

Deuteron Neutron Absorption
0 Kelvin Cross Sections

62-Sm-152



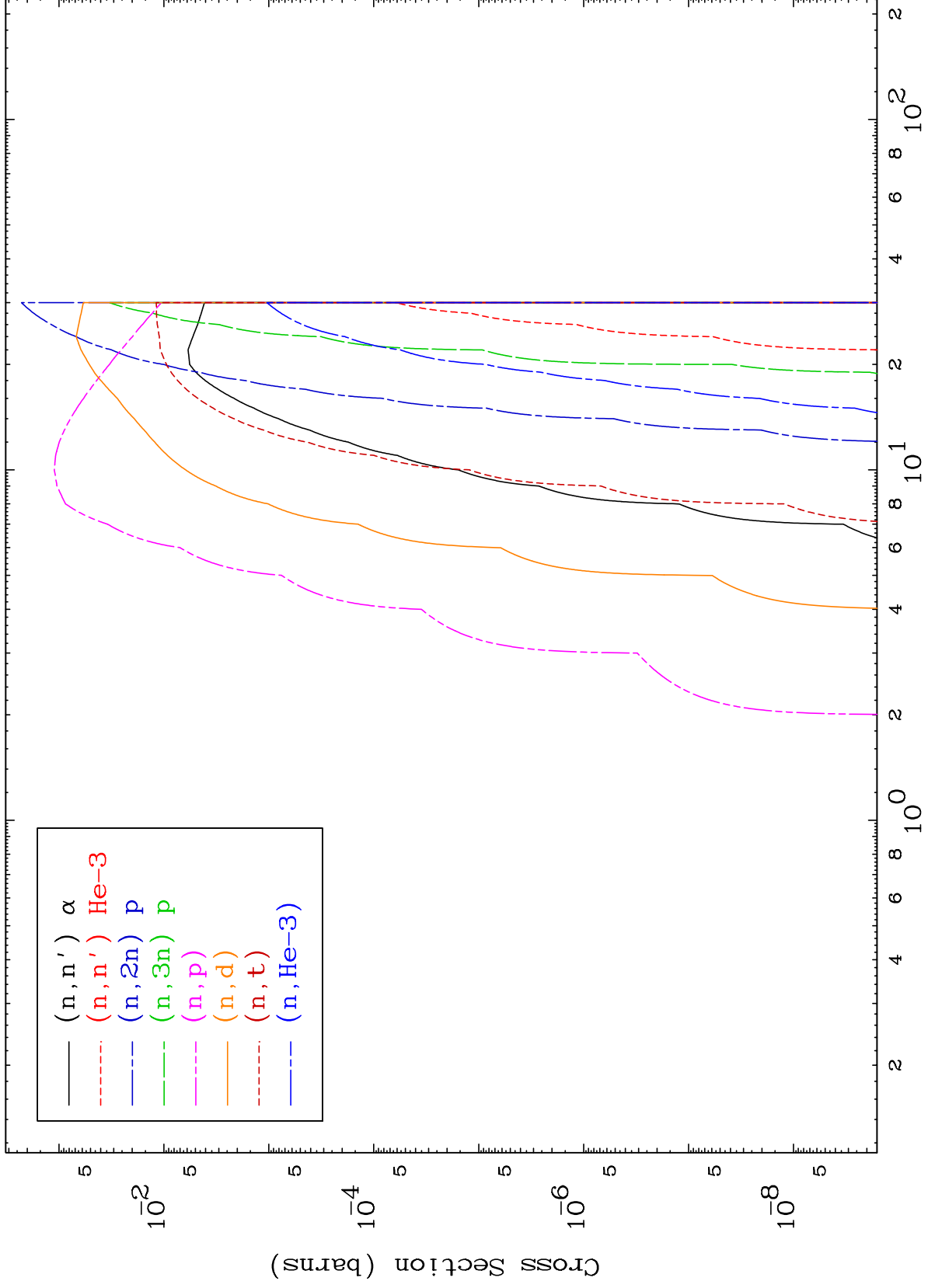
62-Sm-152



MAT 6249

Deuteron Charged Particle
0 Kelvin Cross Sections

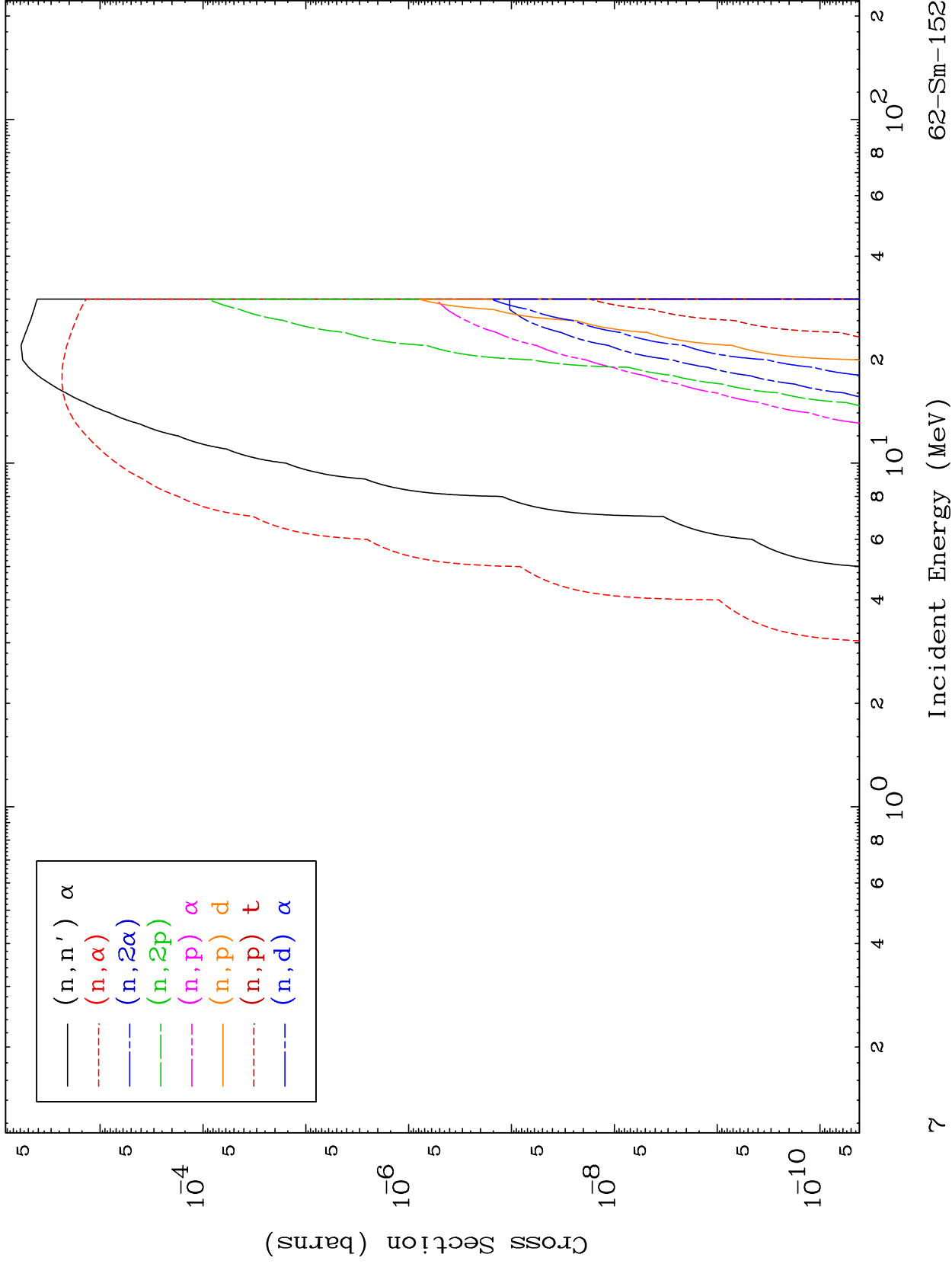
62-Sm-152



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Deuteron Charged Particle
0 Kelvin Cross Sections

62-Sm-152

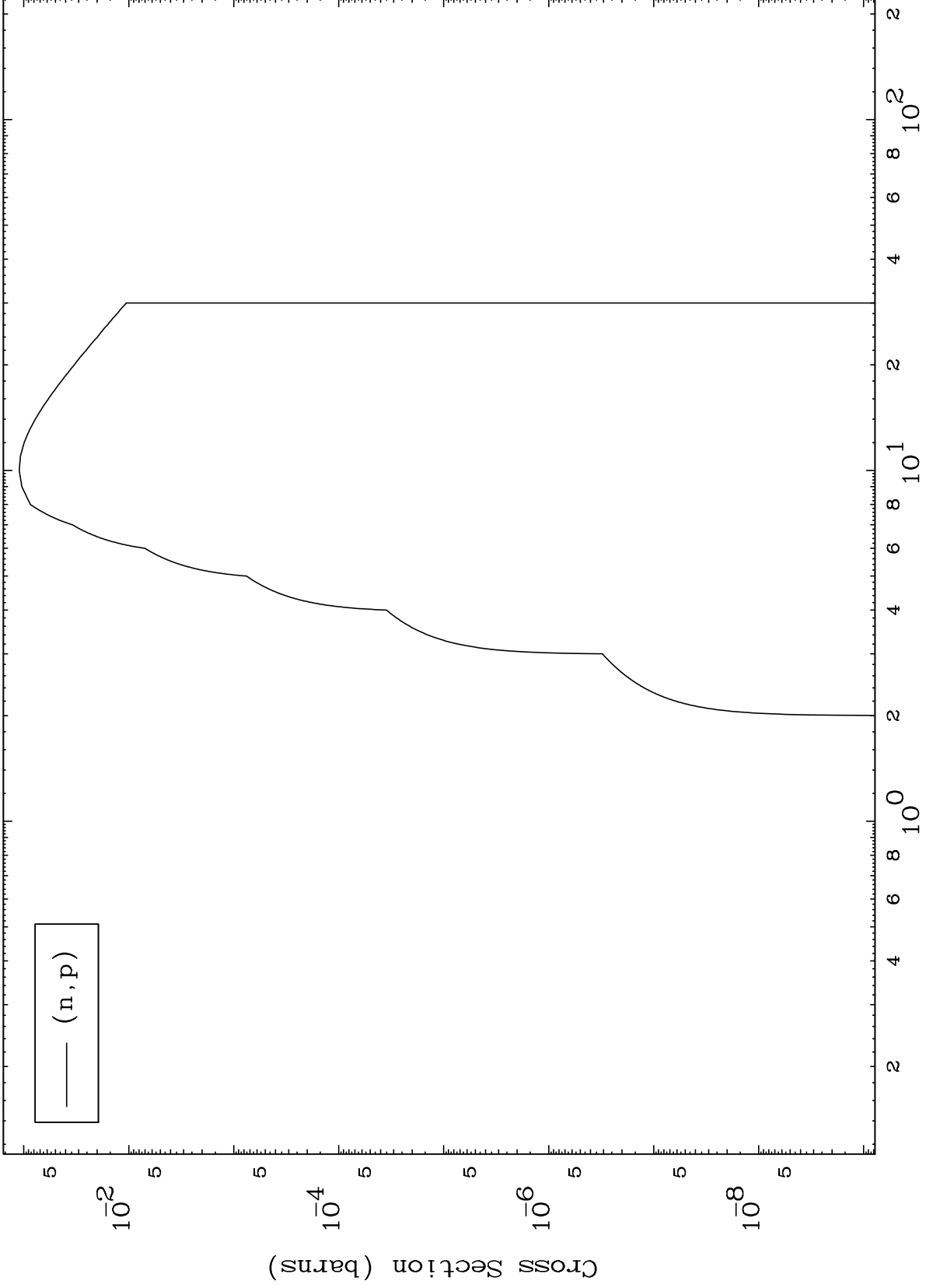


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(d,p) Levels

62-Sm-152

0 Kelvin Cross Sections

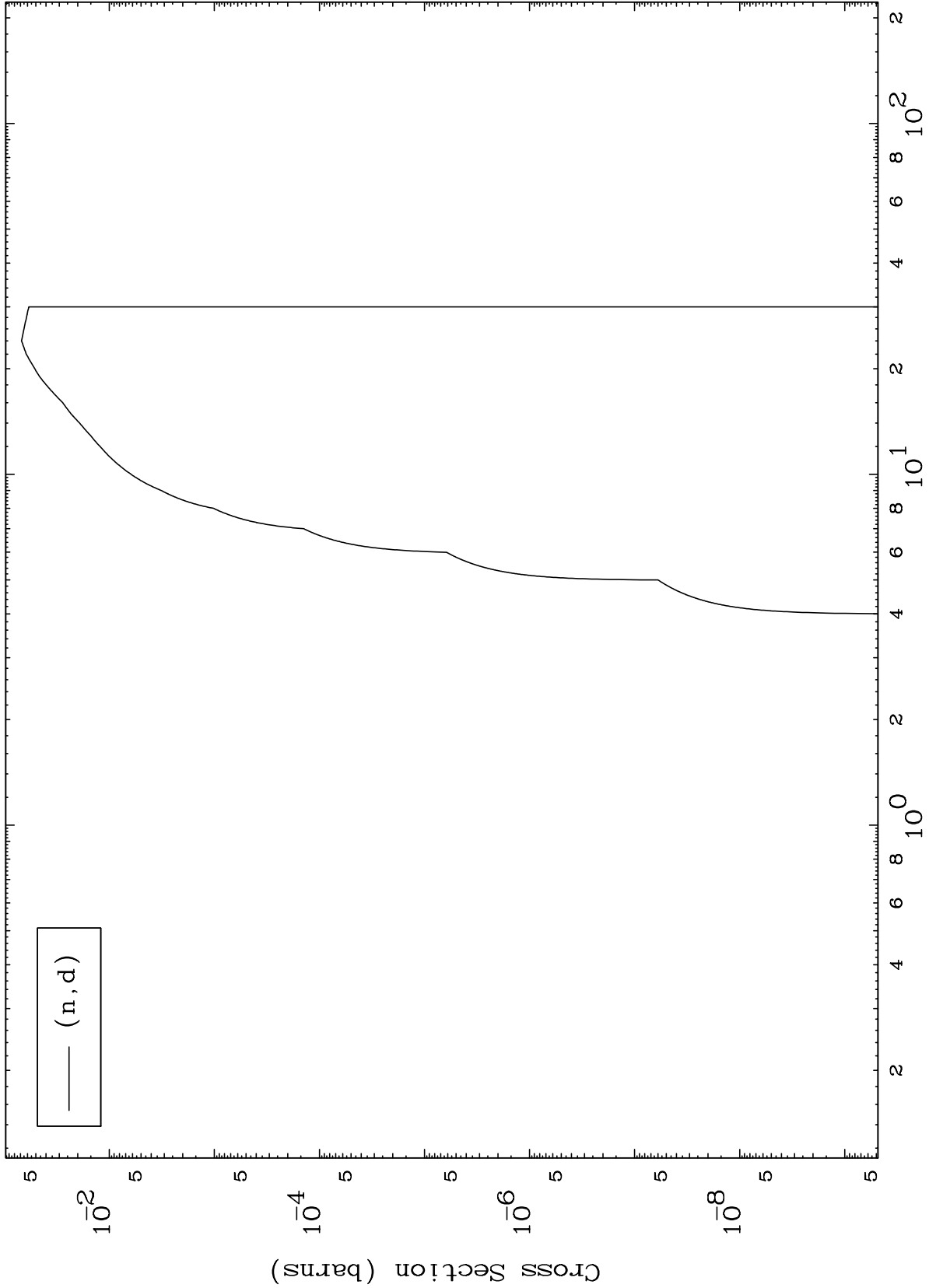


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(d,d) Levels

62-Sm-152

0 Kelvin Cross Sections

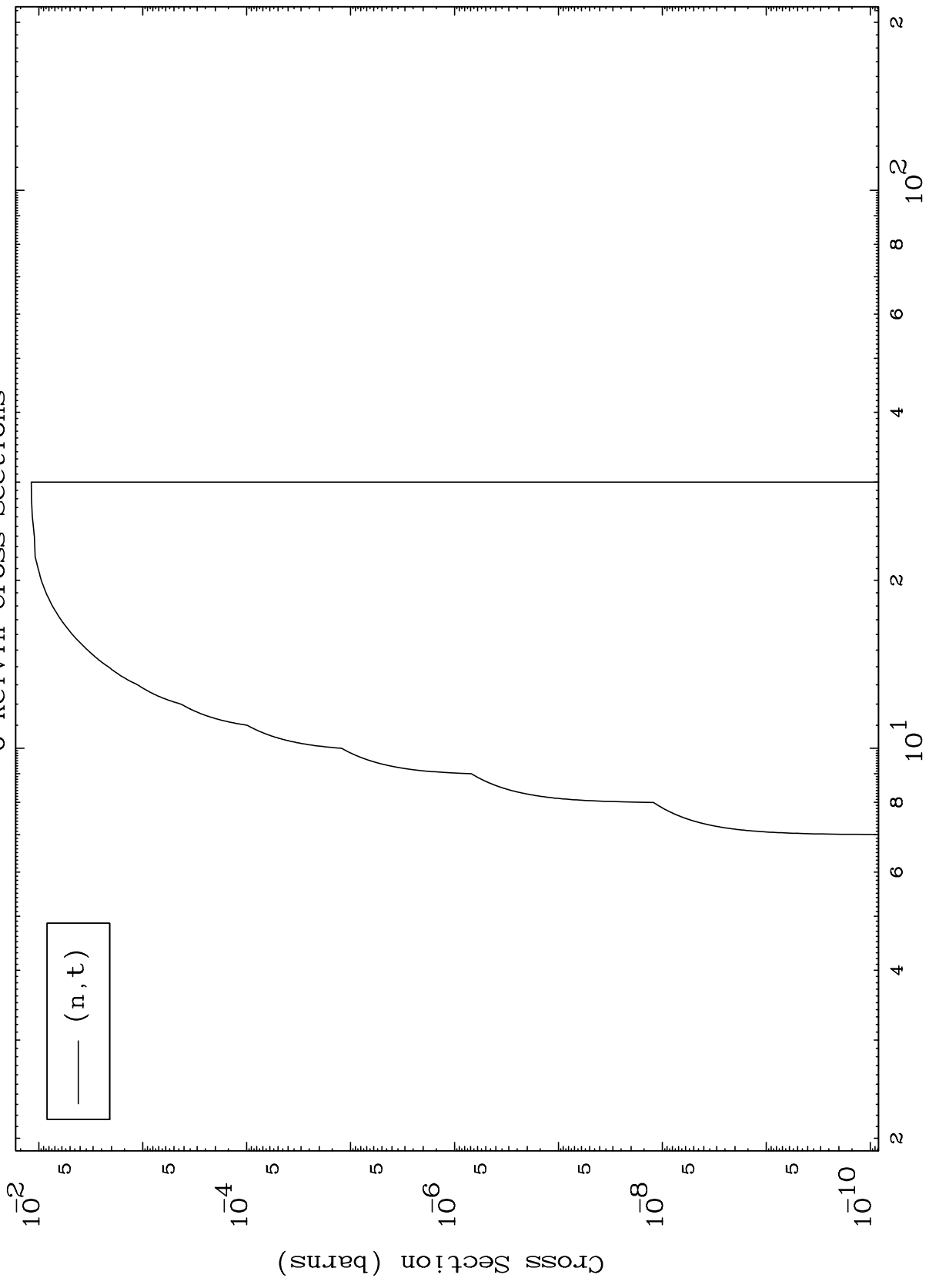


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(d,t) Levels

62-Sm-152

0 Kelvin Cross Sections



10

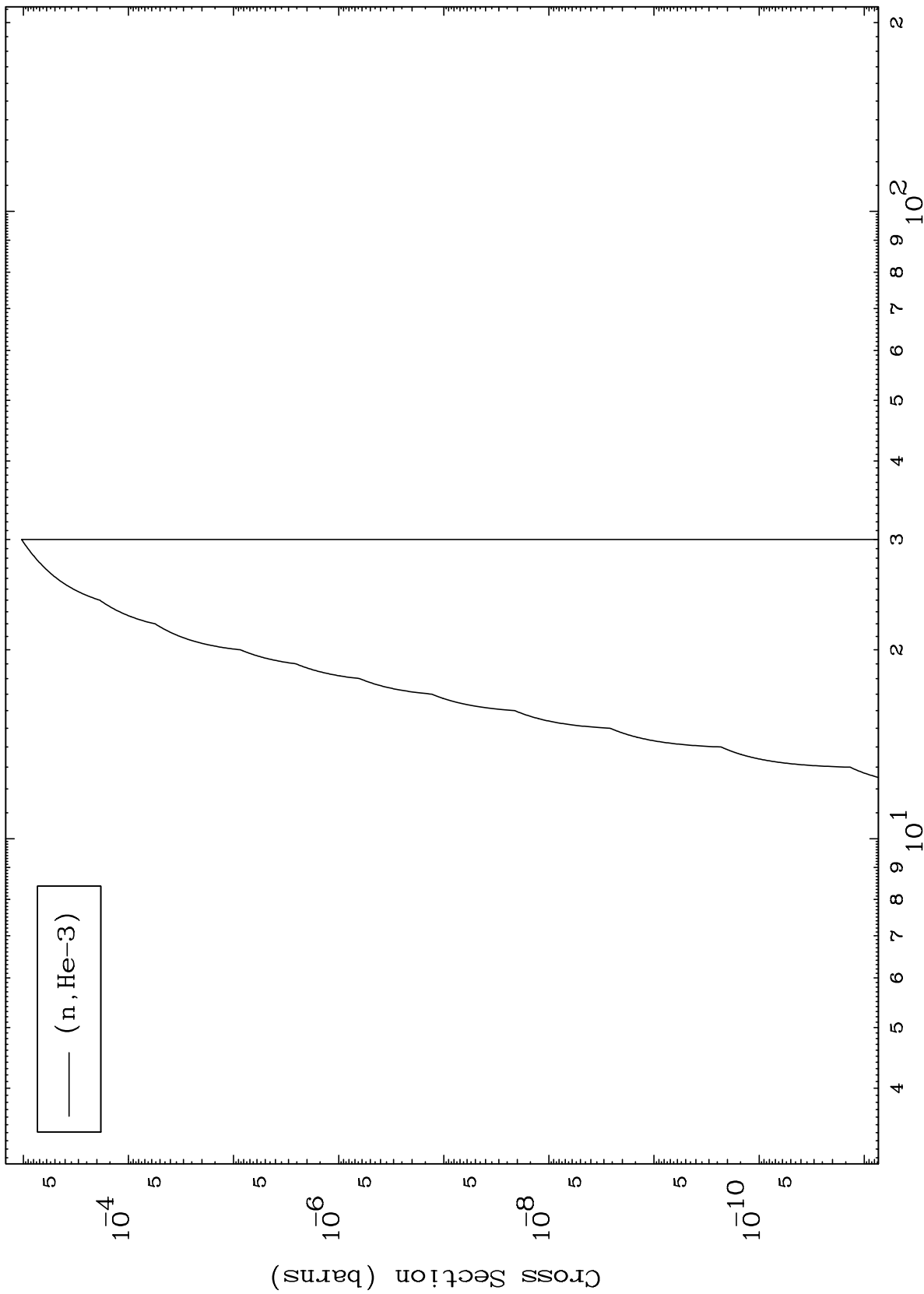
Incident Energy (MeV)

62-Sm-152

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(d,He3) Levels
0 Kelvin Cross Sections

62-Sm-152



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Incident Energy (MeV)

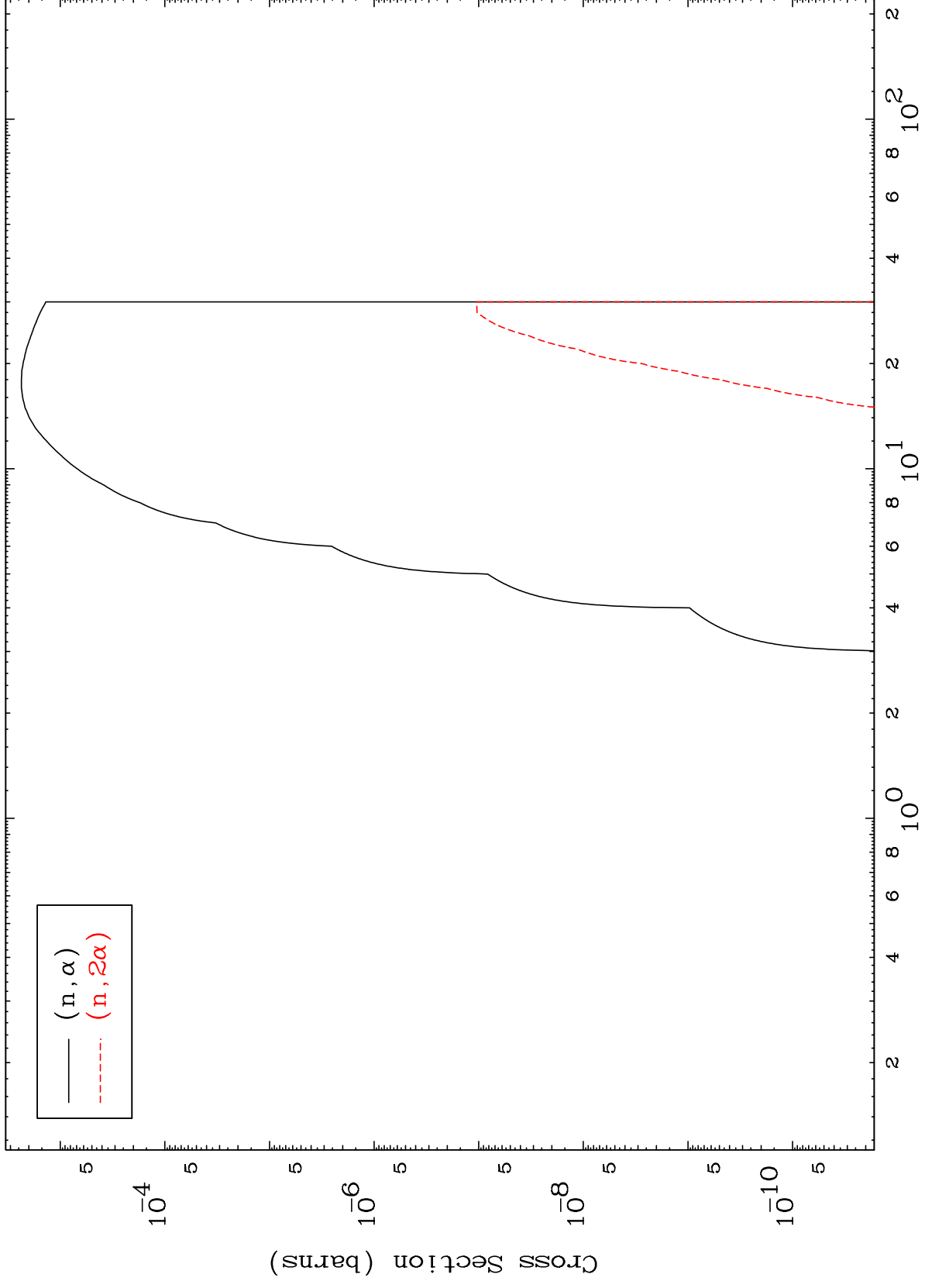
62-Sm-152

MAT 6249

(d, α) Levels

62-Sm-152

0 Kelvin Cross Sections



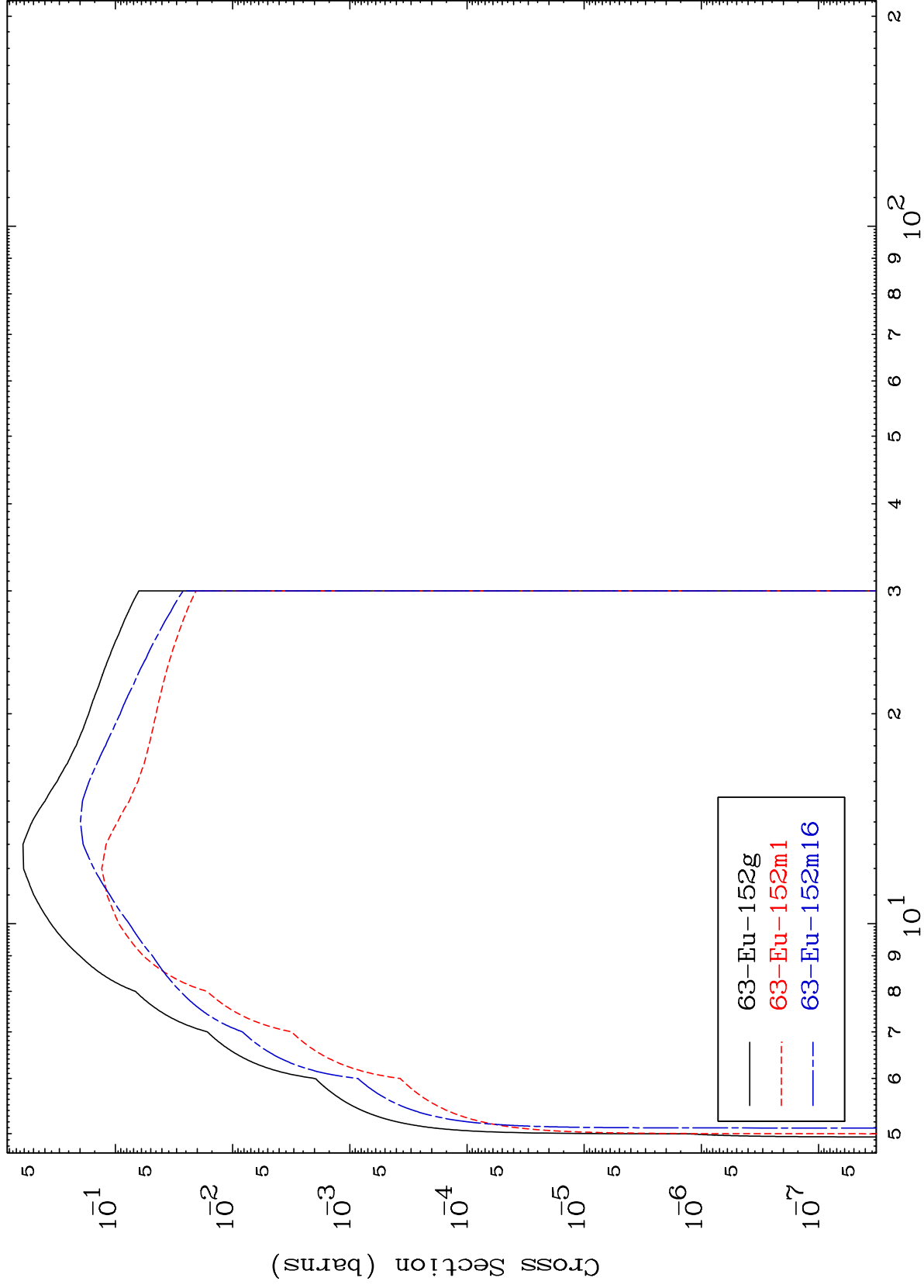
— (n, α)
- - - $(n, 2\alpha)$

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(n,2n)

62-Sm-152

Radionuclide Production Cross Section



Incident Energy (MeV)

62-Sm-152

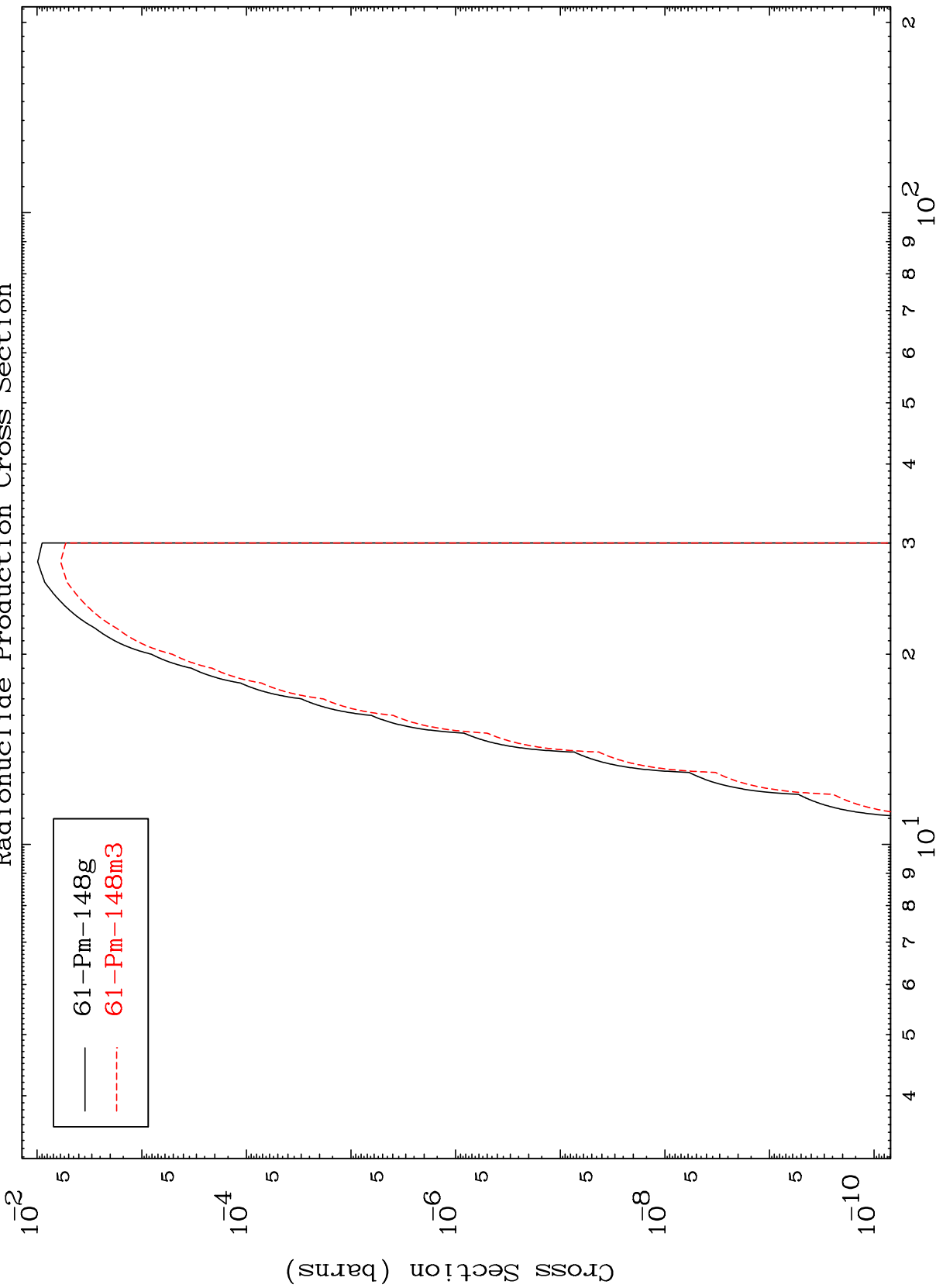
13

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$(n, 2n) \alpha$

62-Sm-152

Radionuclide Production Cross Section



61-Pm-148g
61-Pm-148m3

Incident Energy (MeV)

62-Sm-152

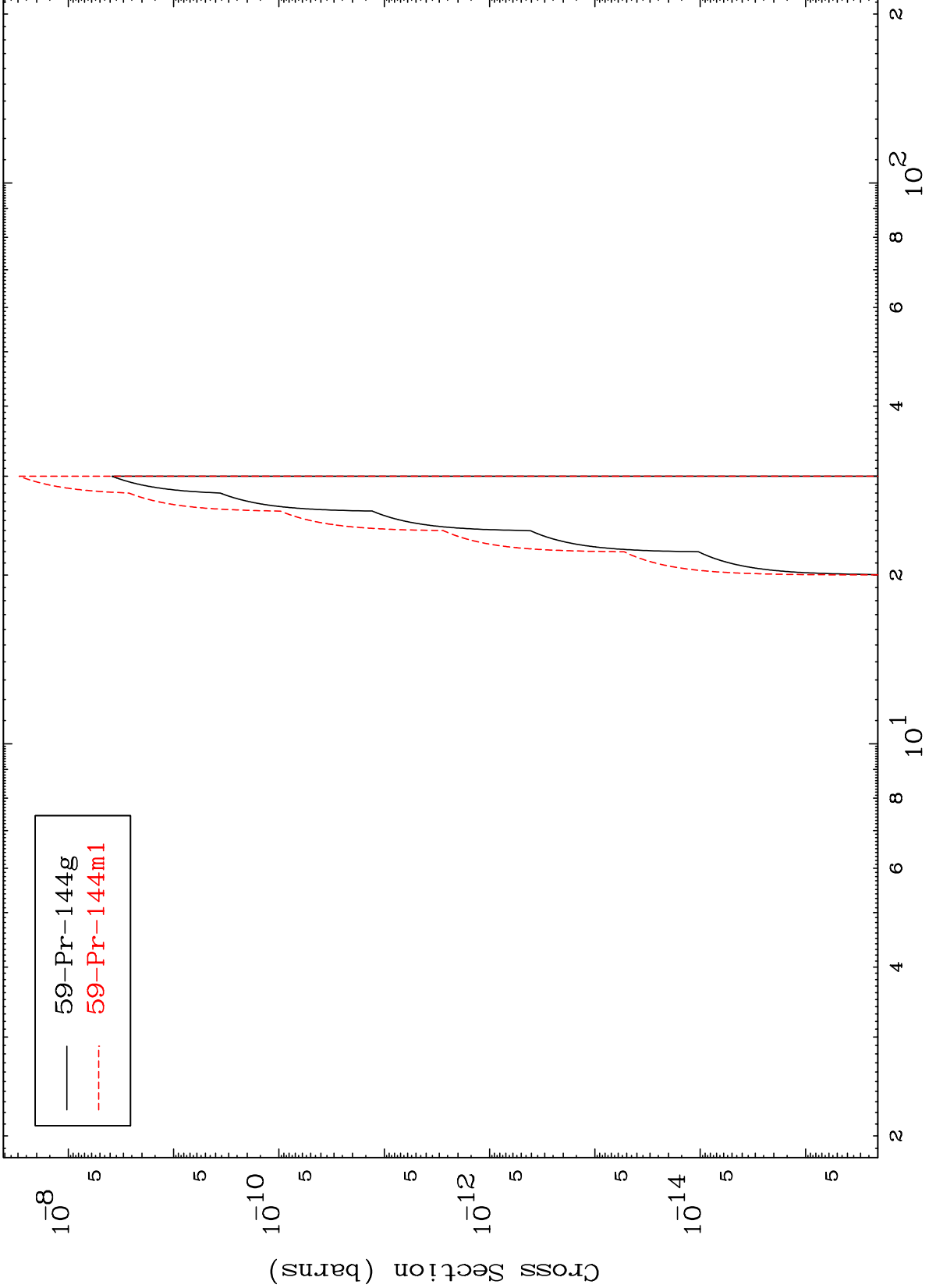
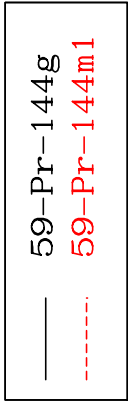
14

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(n,2n) 2α

62-Sm-152

Radionuclide Production Cross Section



15

Incident Energy (MeV)

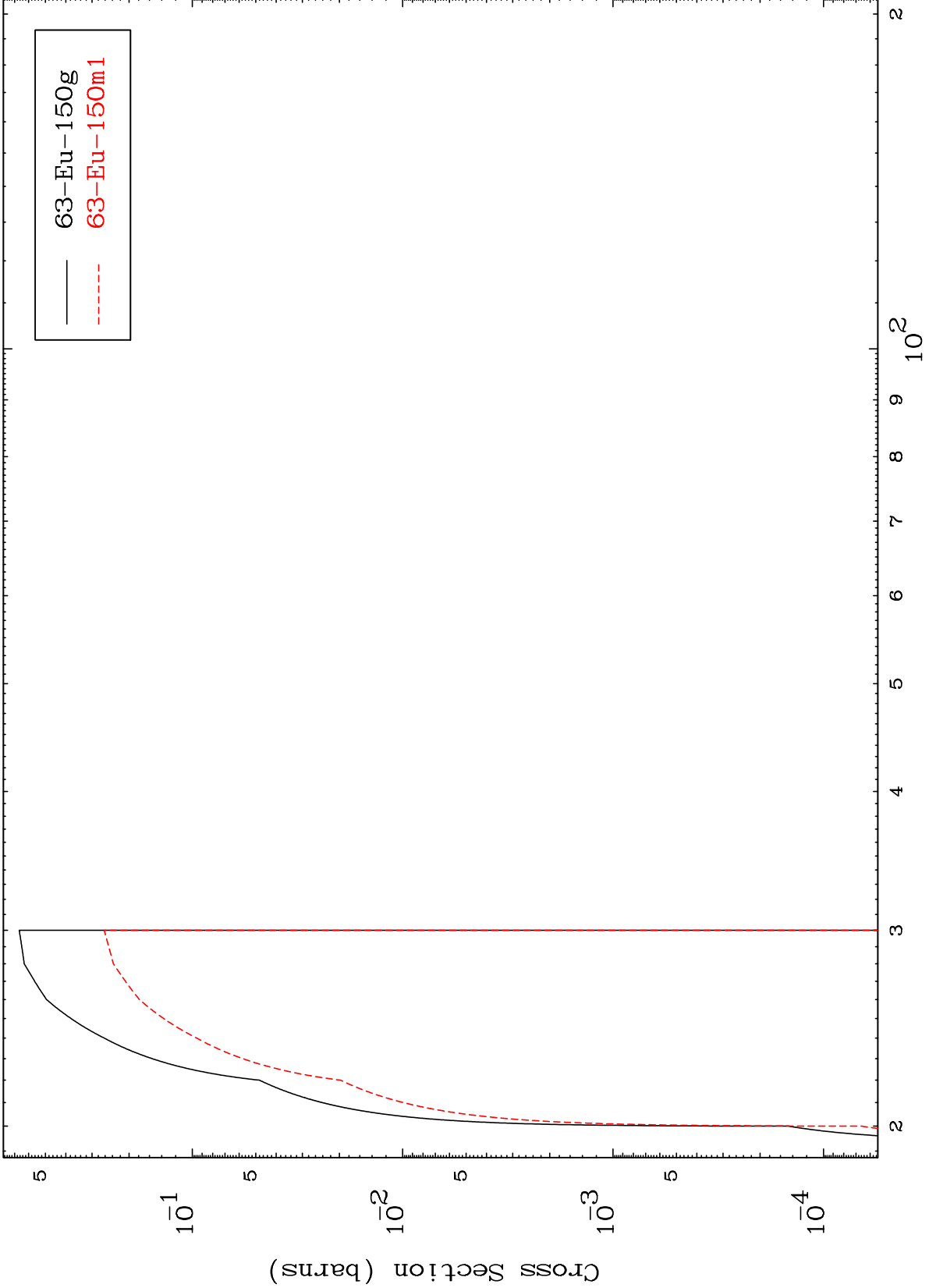
62-Sm-152

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(n,4n)

62-Sm-152

Radionuclide Production Cross Section



16

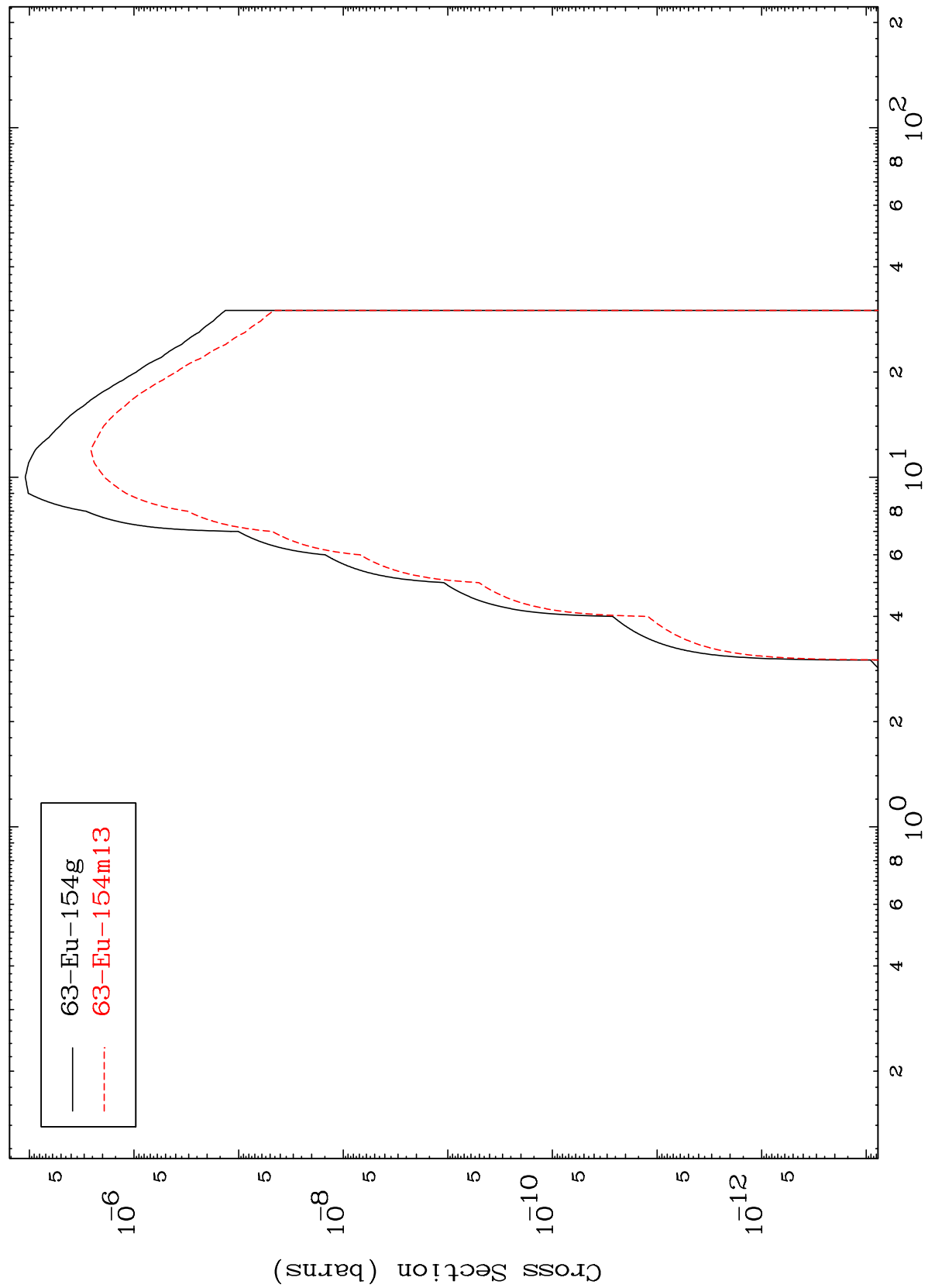
Incident Energy (MeV)

62-Sm-152

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62-Sm-152

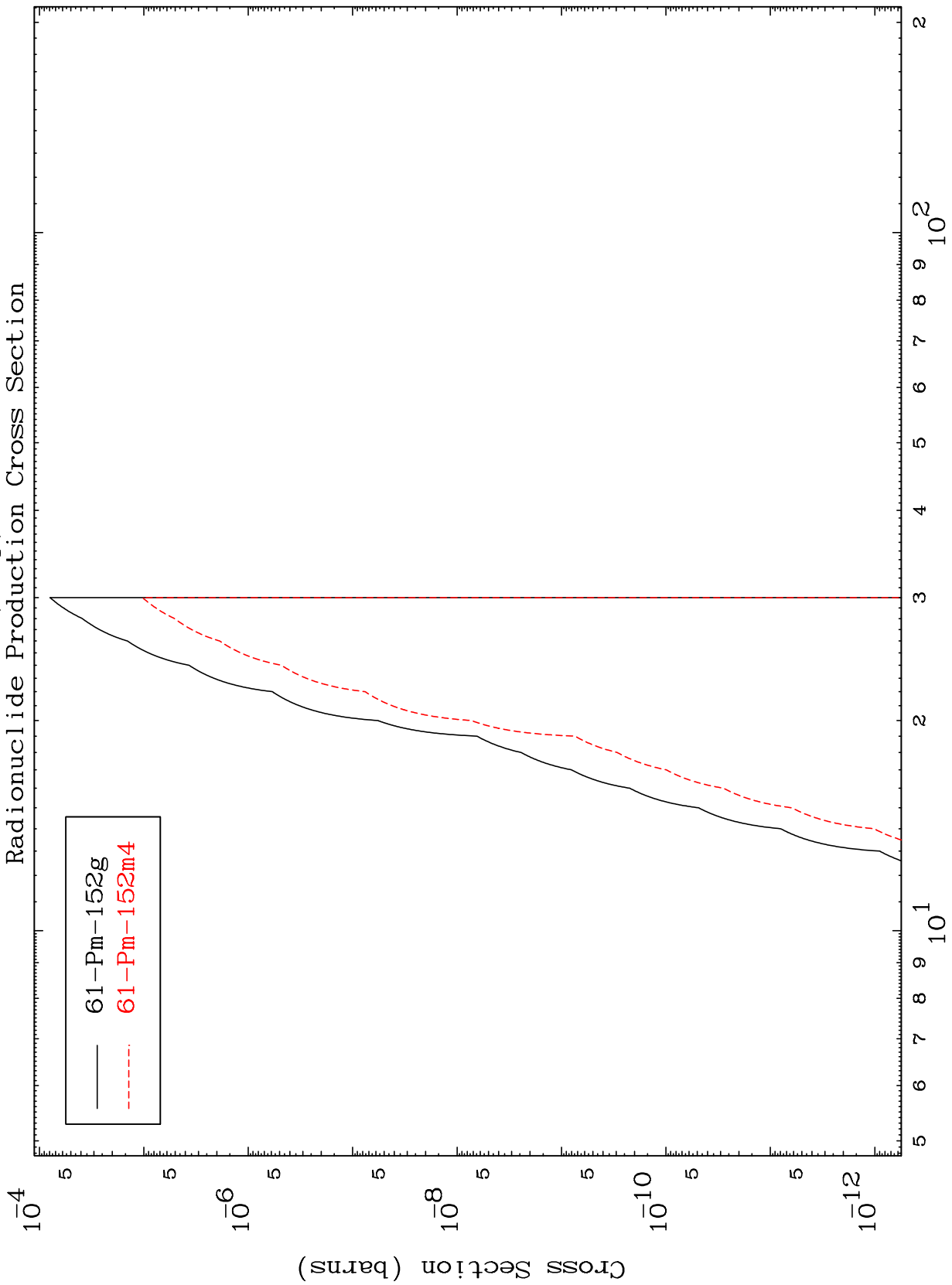
(n, γ)
Radionuclide Production Cross Section



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62-Sm-152

(n,2p)
Radionuclide Production Cross Section



62-Sm-152

Incident Energy (MeV)

18