

Program EVALPLOT
(Version 2021-1)

by

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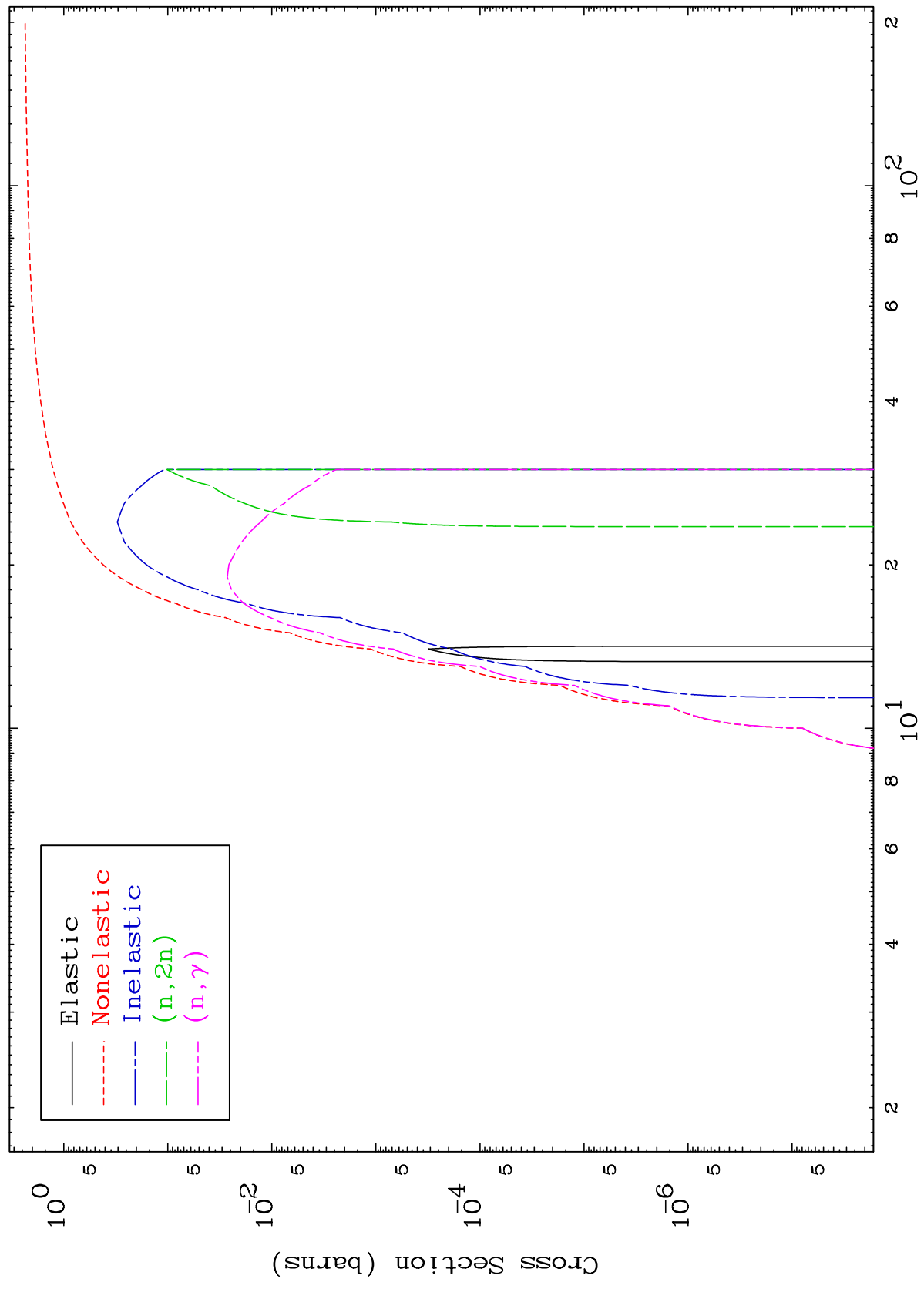
Press Mouse Button to Start

MAT 6210

0 Kelvin

Major Cross Sections

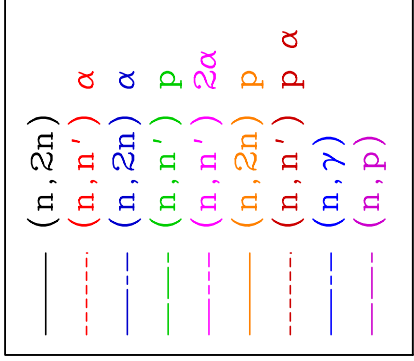
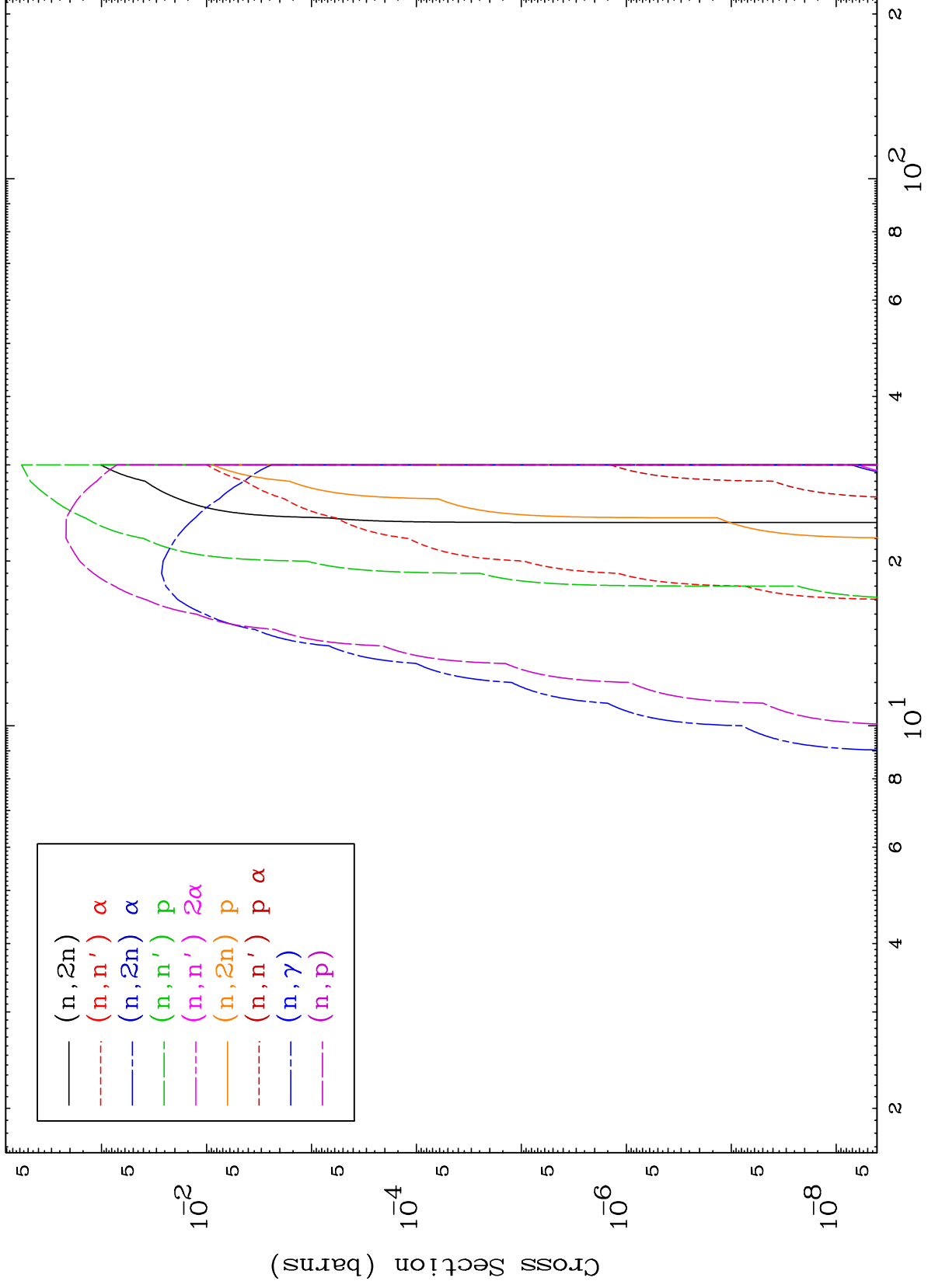
62-Sm-139



MAT 6210

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-139



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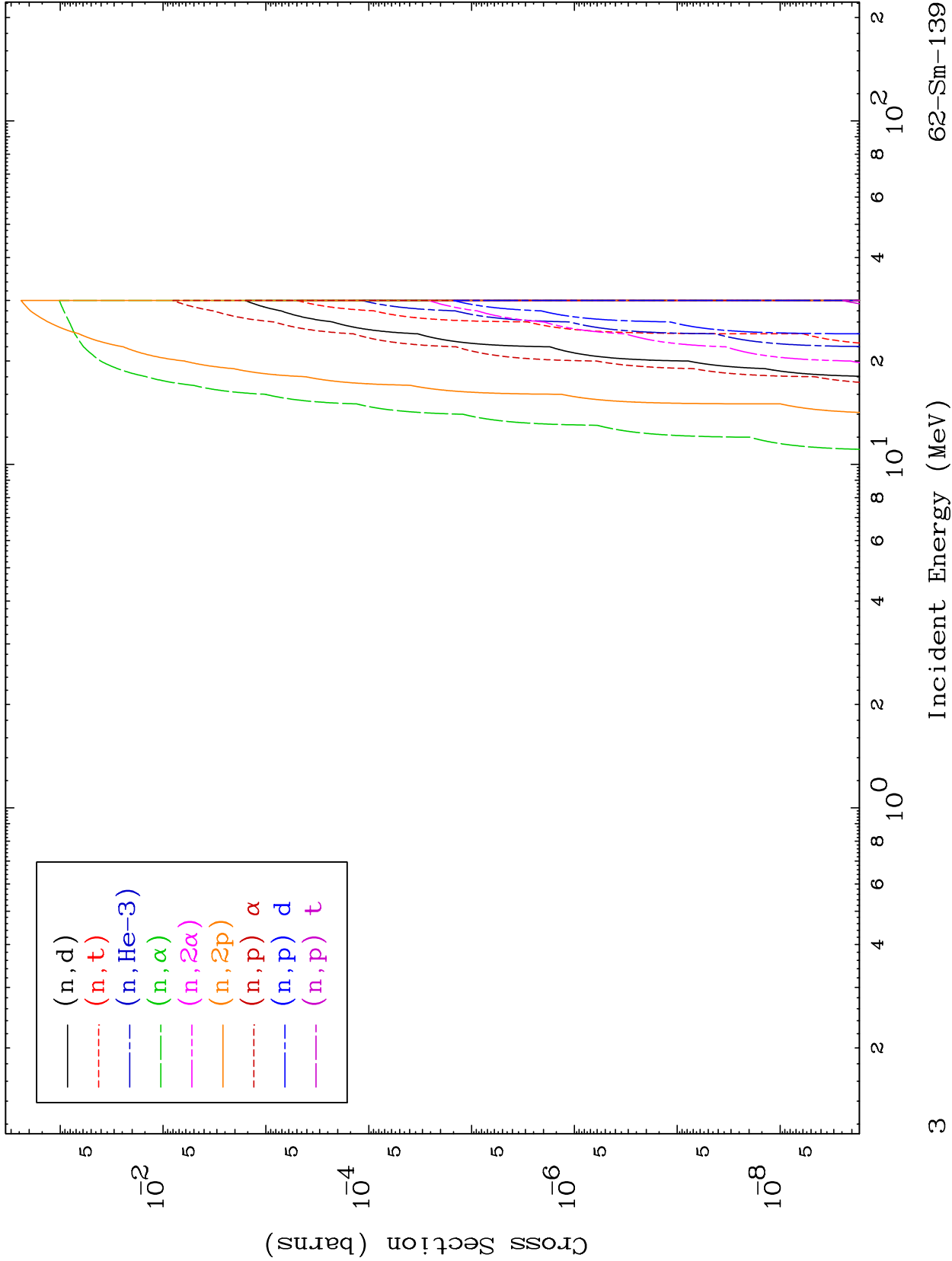
Incident Energy (MeV)

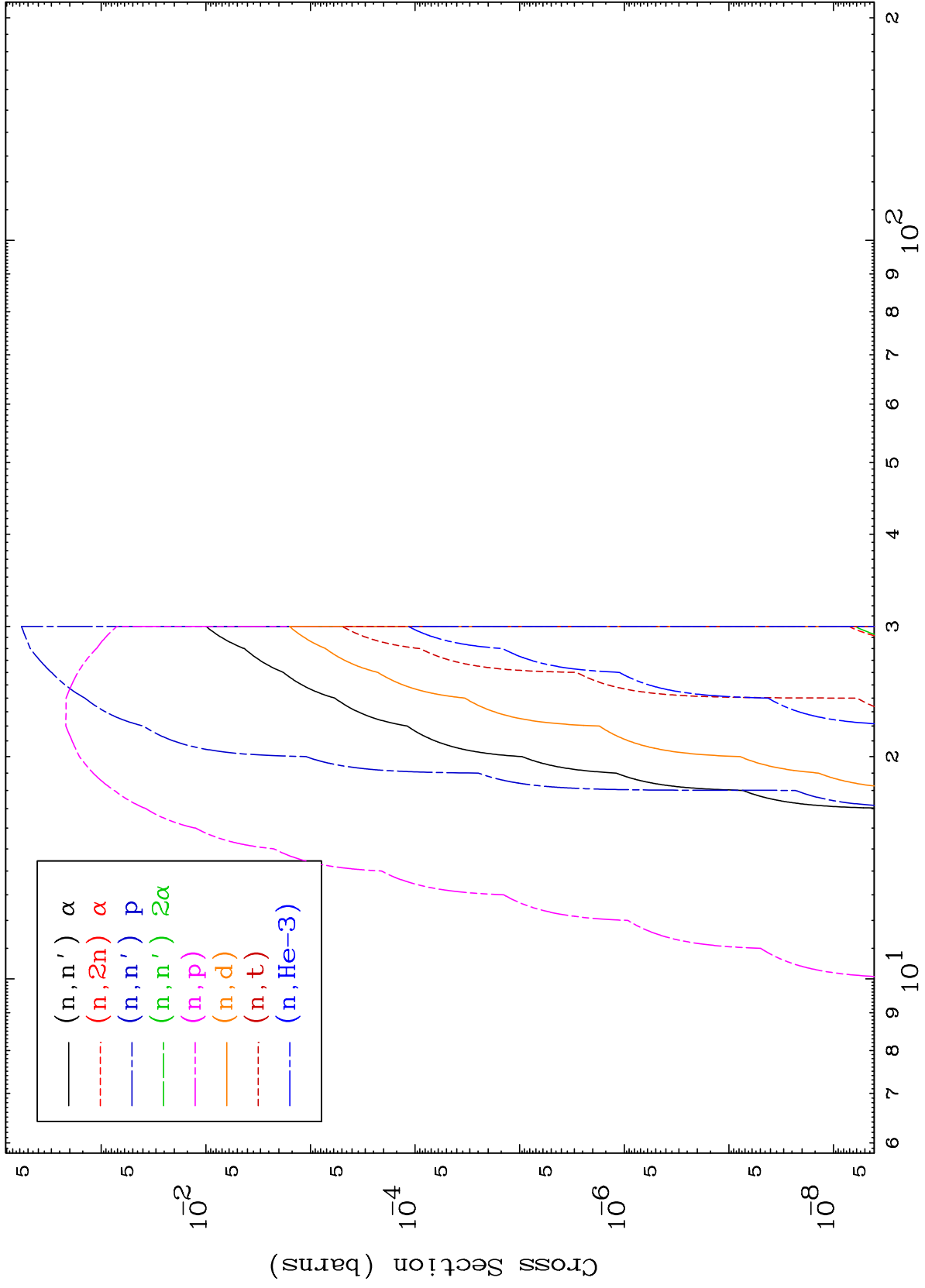
62-Sm-139

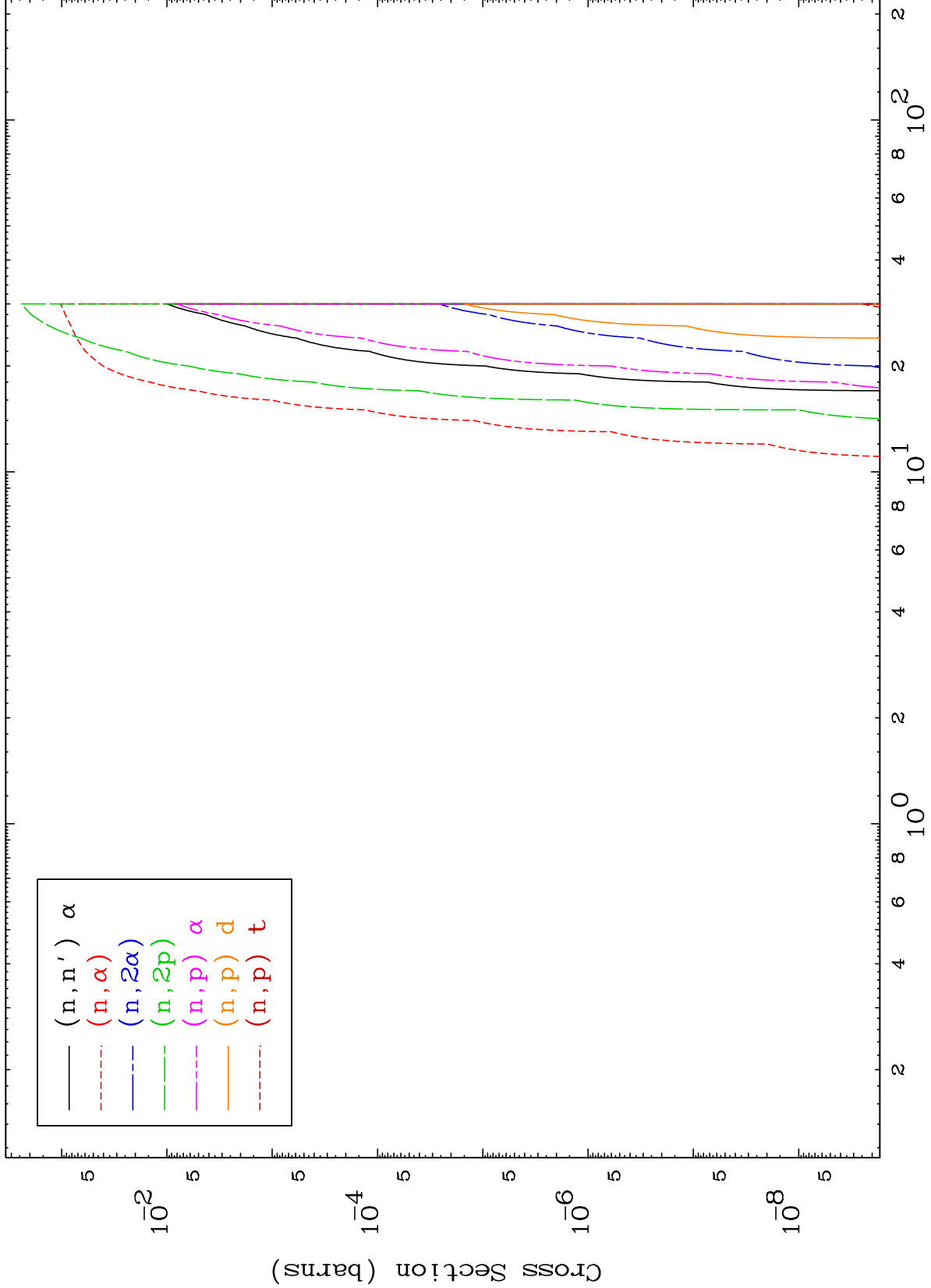
MAT 6210

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-139



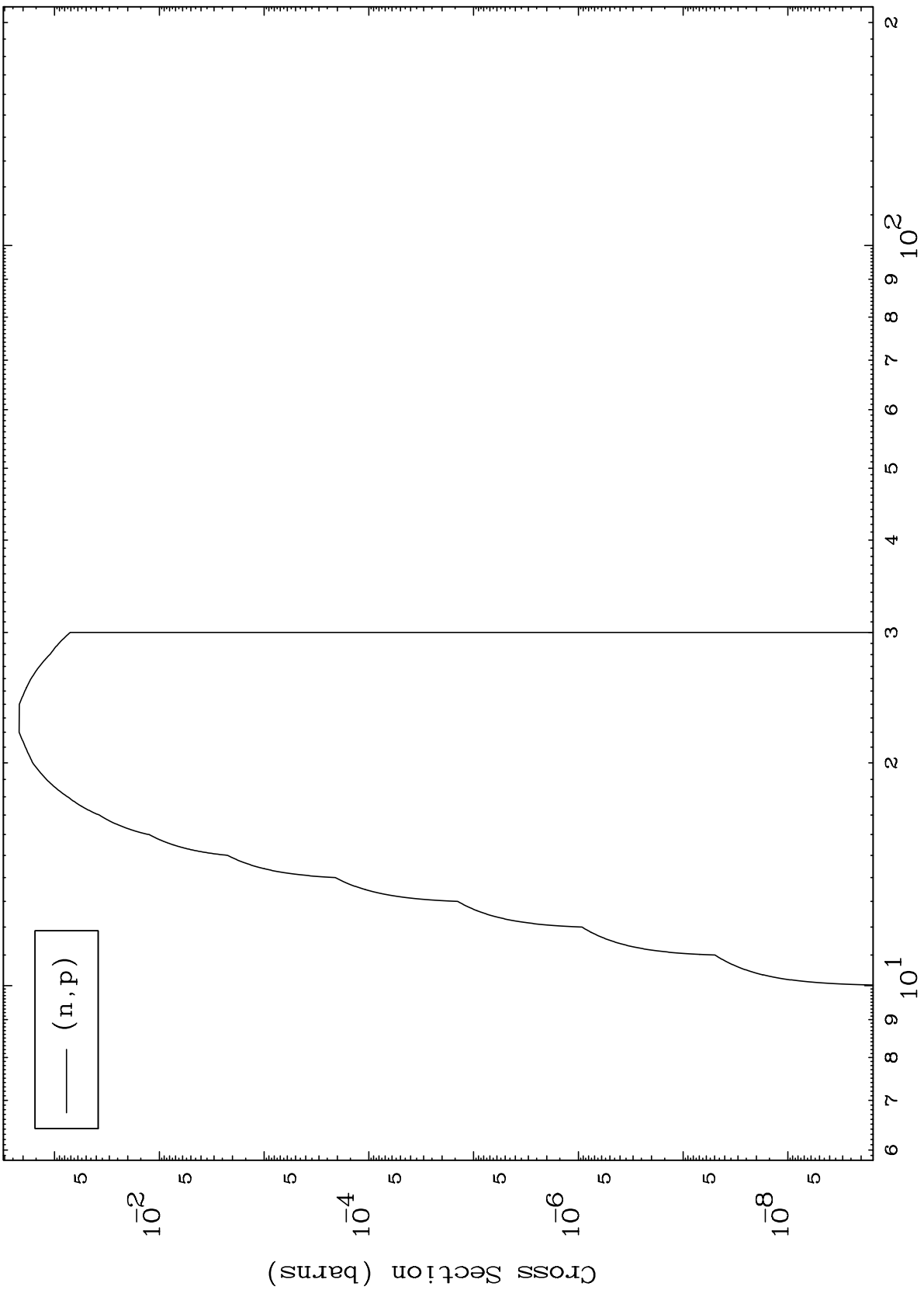




MAT 6210

62-Sm-139

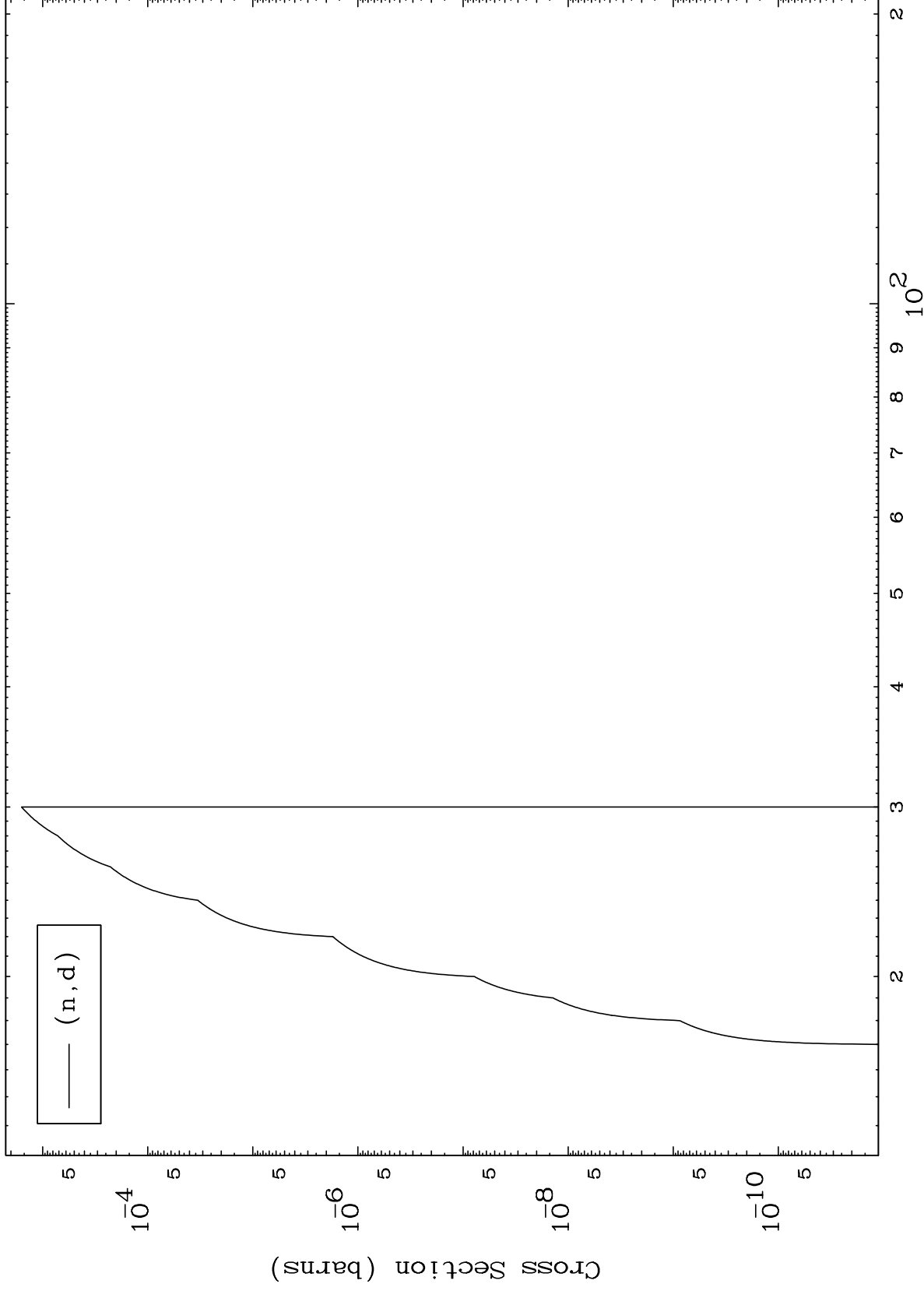
(α, p) Levels
0 Kelvin Cross Sections



MAT 6210

(α, d) Levels
0 Kelvin Cross Sections

62-Sm-139



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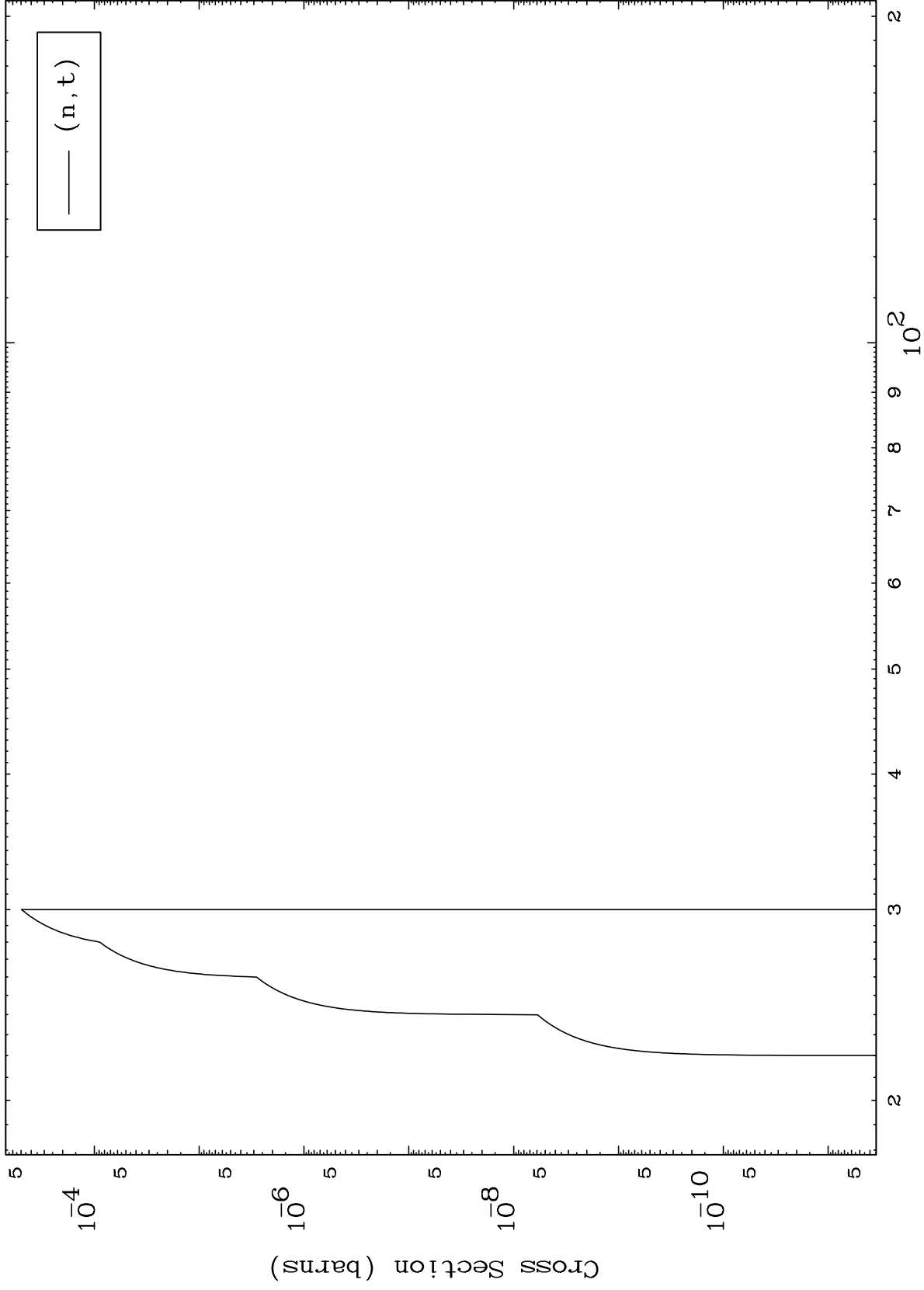
Incident Energy (MeV)

62-Sm-139

MAT 6210

(α, t) Levels
0 Kelvin Cross Sections

62-Sm-139



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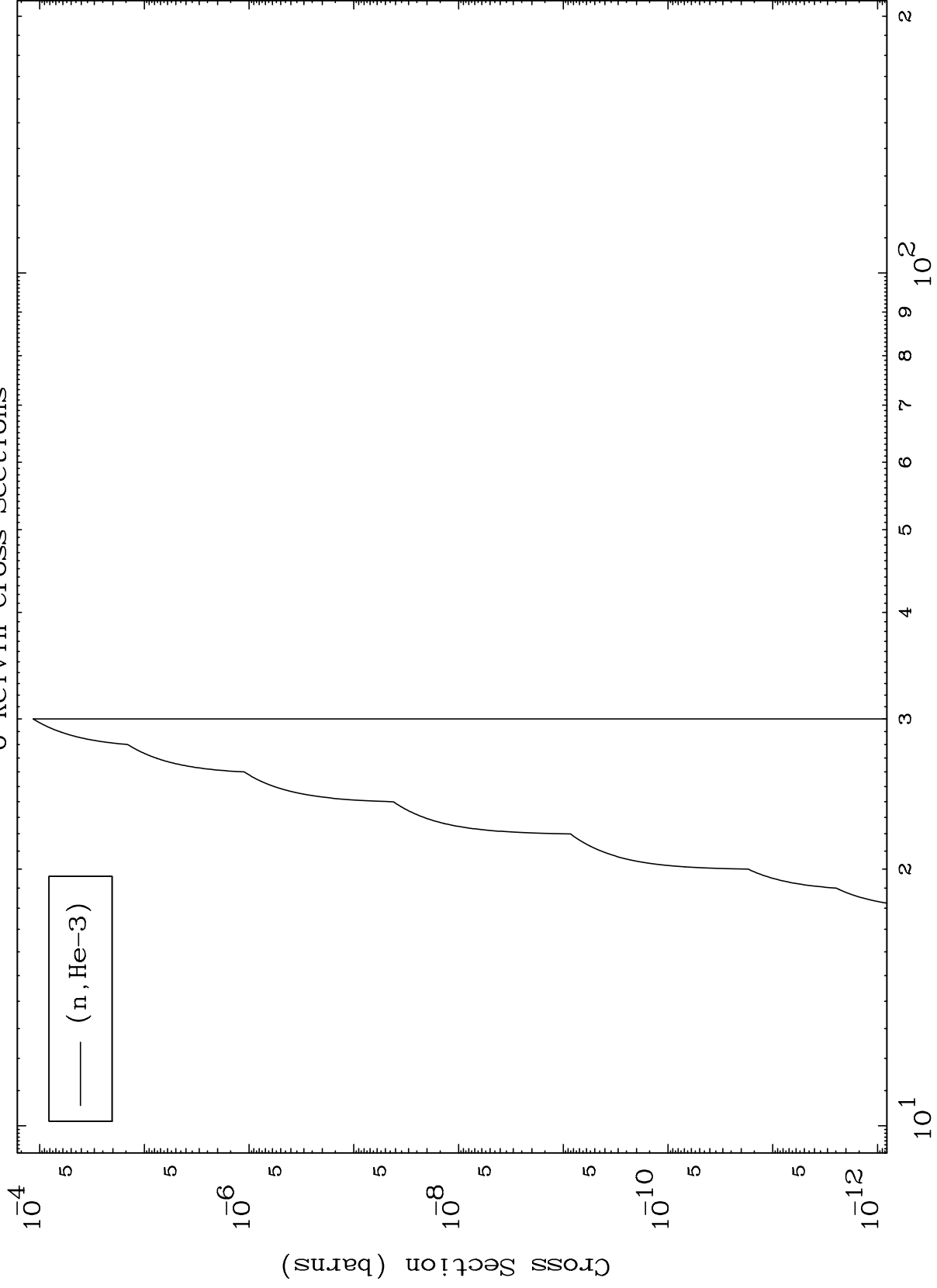
Incident Energy (MeV)

62-Sm-139

MAT 6210

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

62-Sm-139



Incident Energy (MeV)

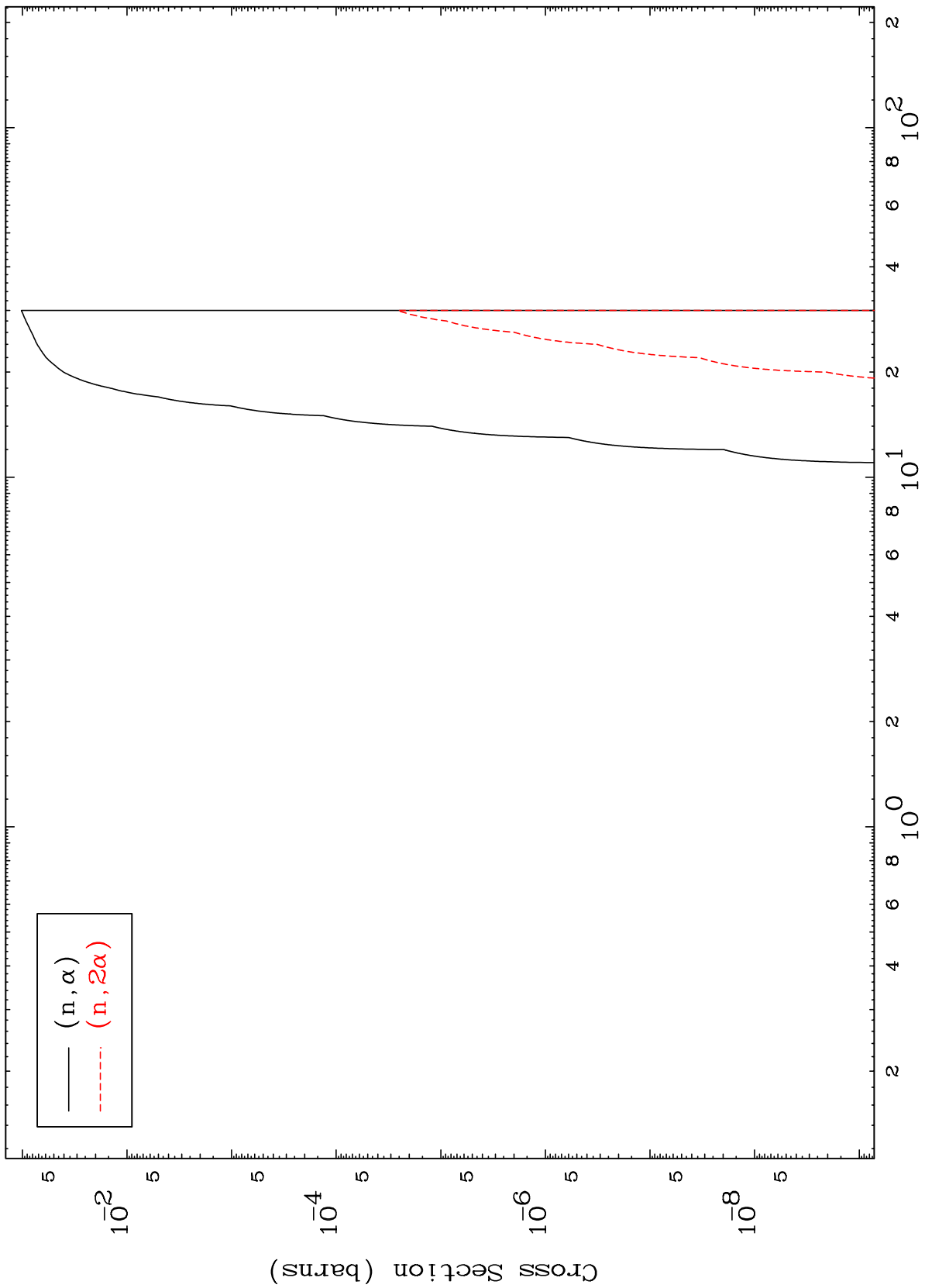
62-Sm-139

MAT 6210

(α, α) Levels

62-Sm-139

0 Kelvin Cross Sections



10

Incident Energy (MeV)

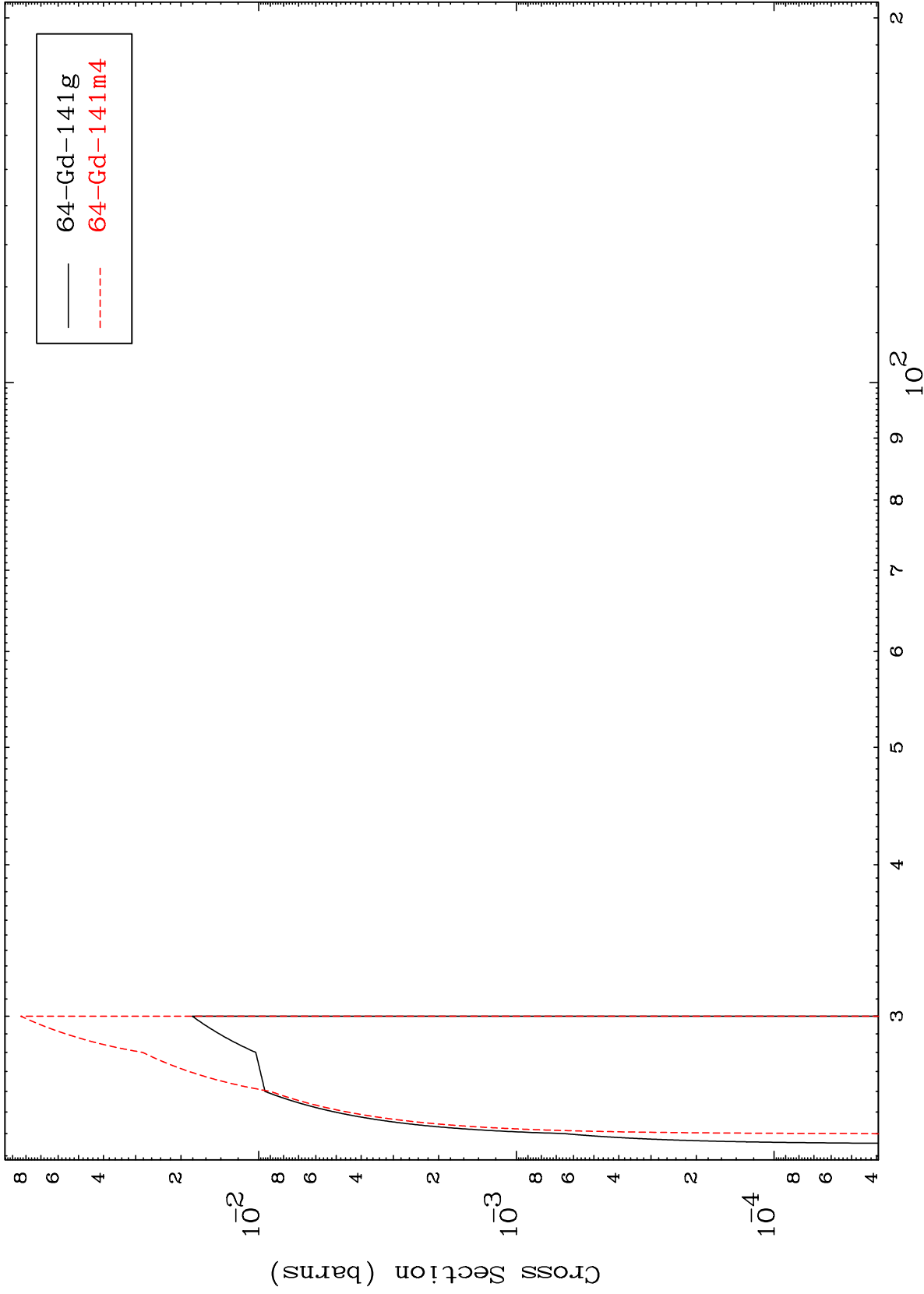
62-Sm-139

MAT 6210

(n,2n)

62-Sm-139

Radionuclide Production Cross Section

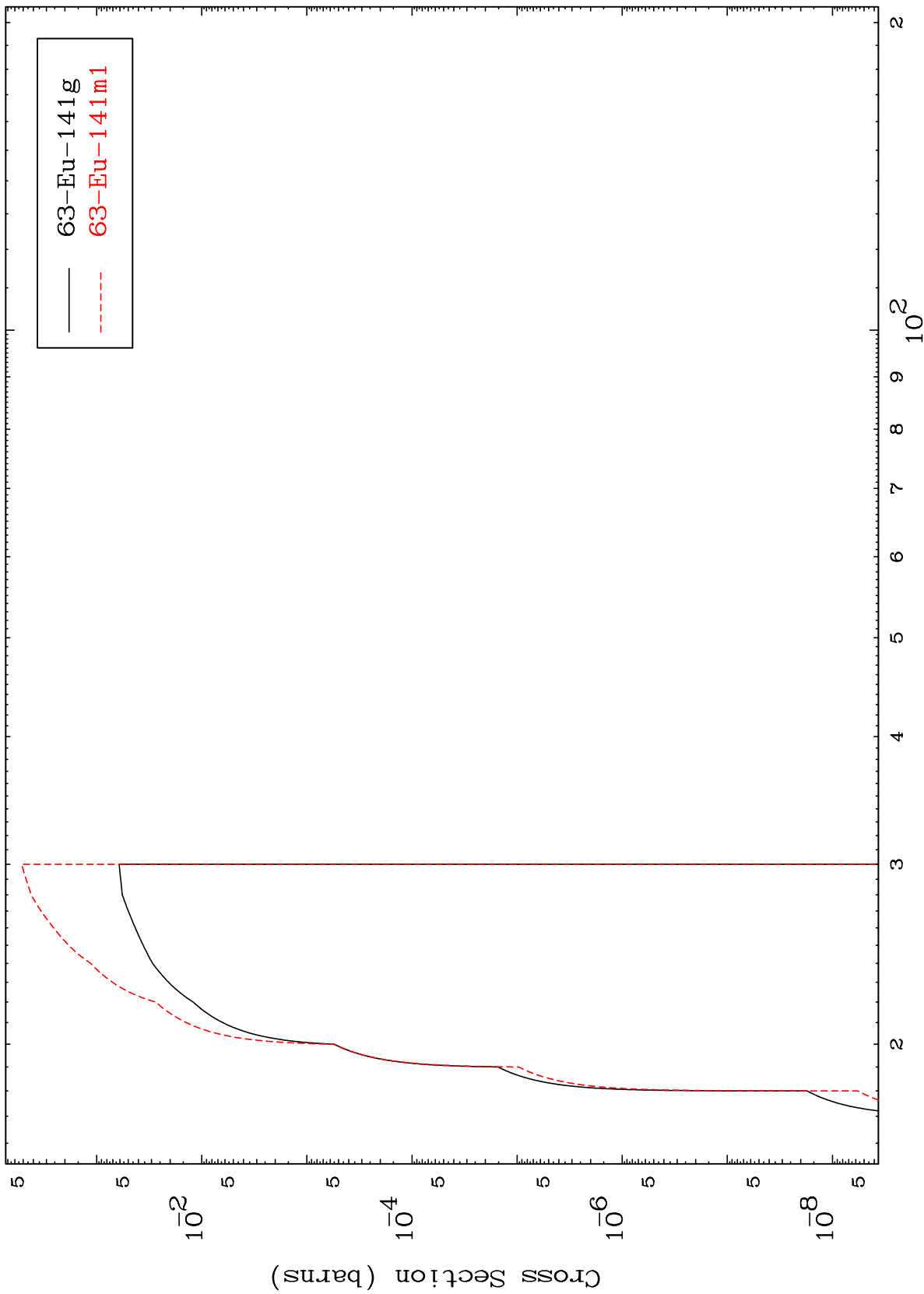


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Incident Energy (MeV)

62-Sm-139

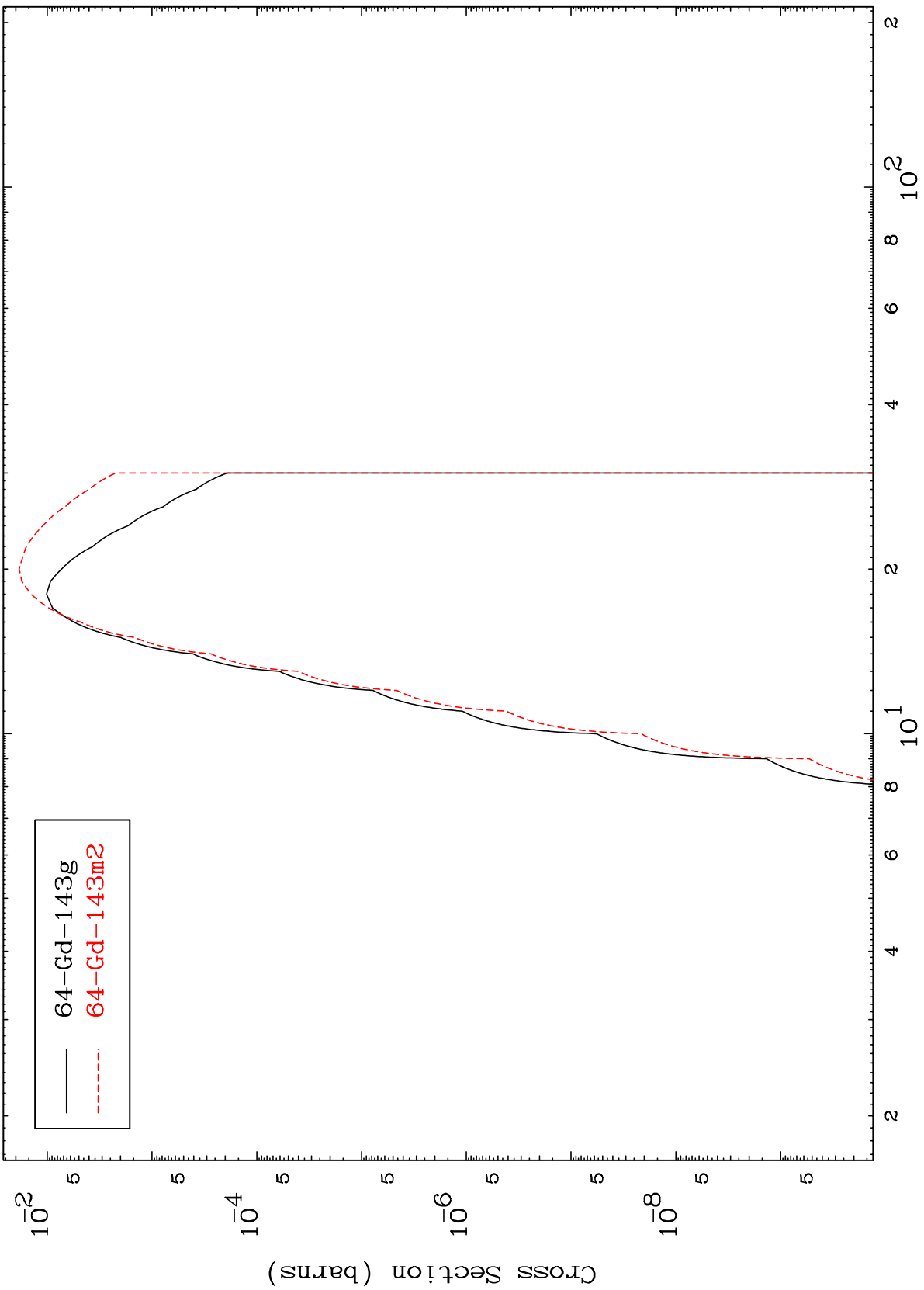
Radionuclide Production Cross Section



MAT 6210

62-Sm-139

(n, γ)
Radionuclide Production Cross Section



64-Gd-143g
64-Gd-143m2

62-Sm-139

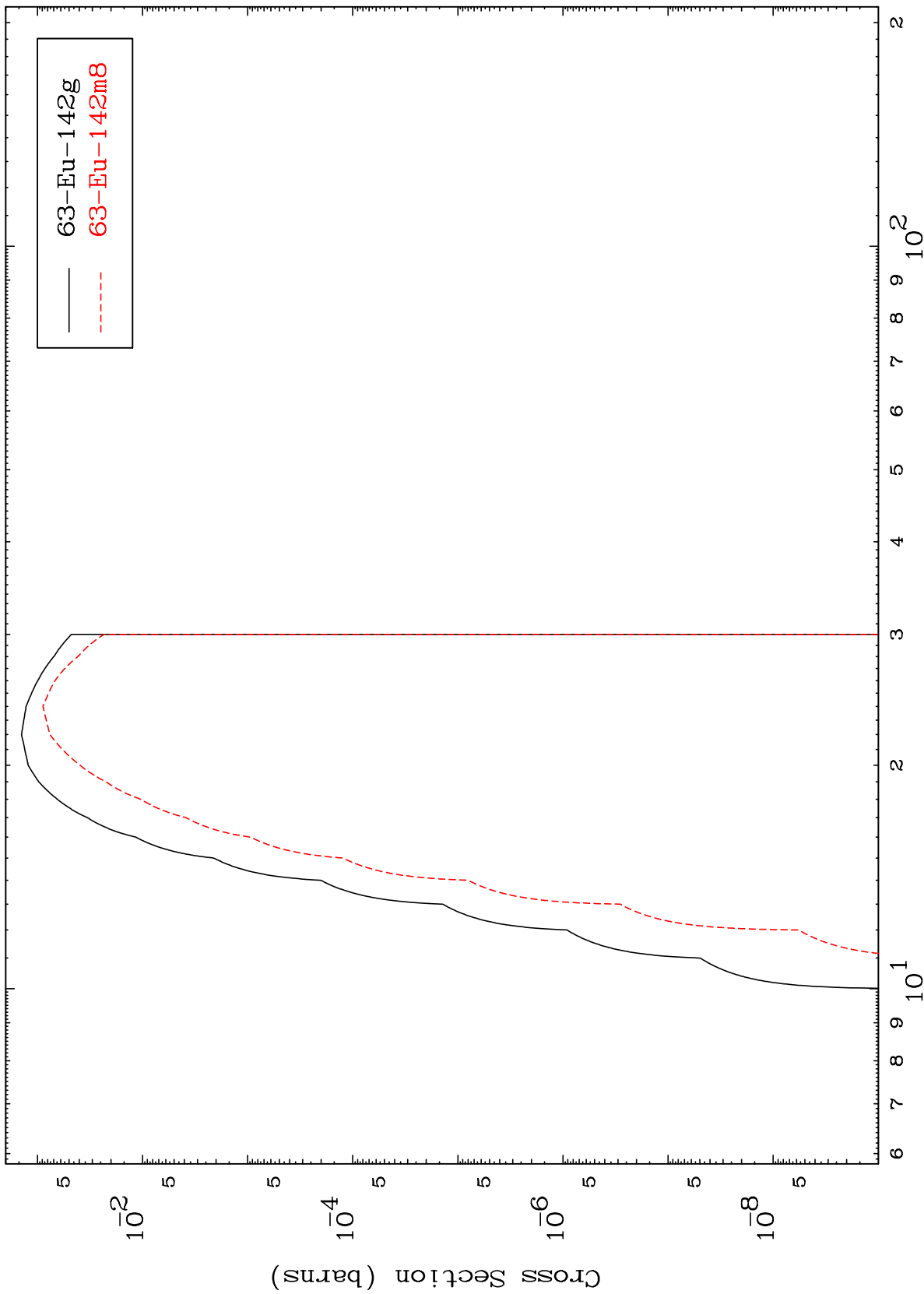
Incident Energy (MeV)

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MAT 6210

62-Sm-139

(n,p)
Radionuclide Production Cross Section



62-Sm-139

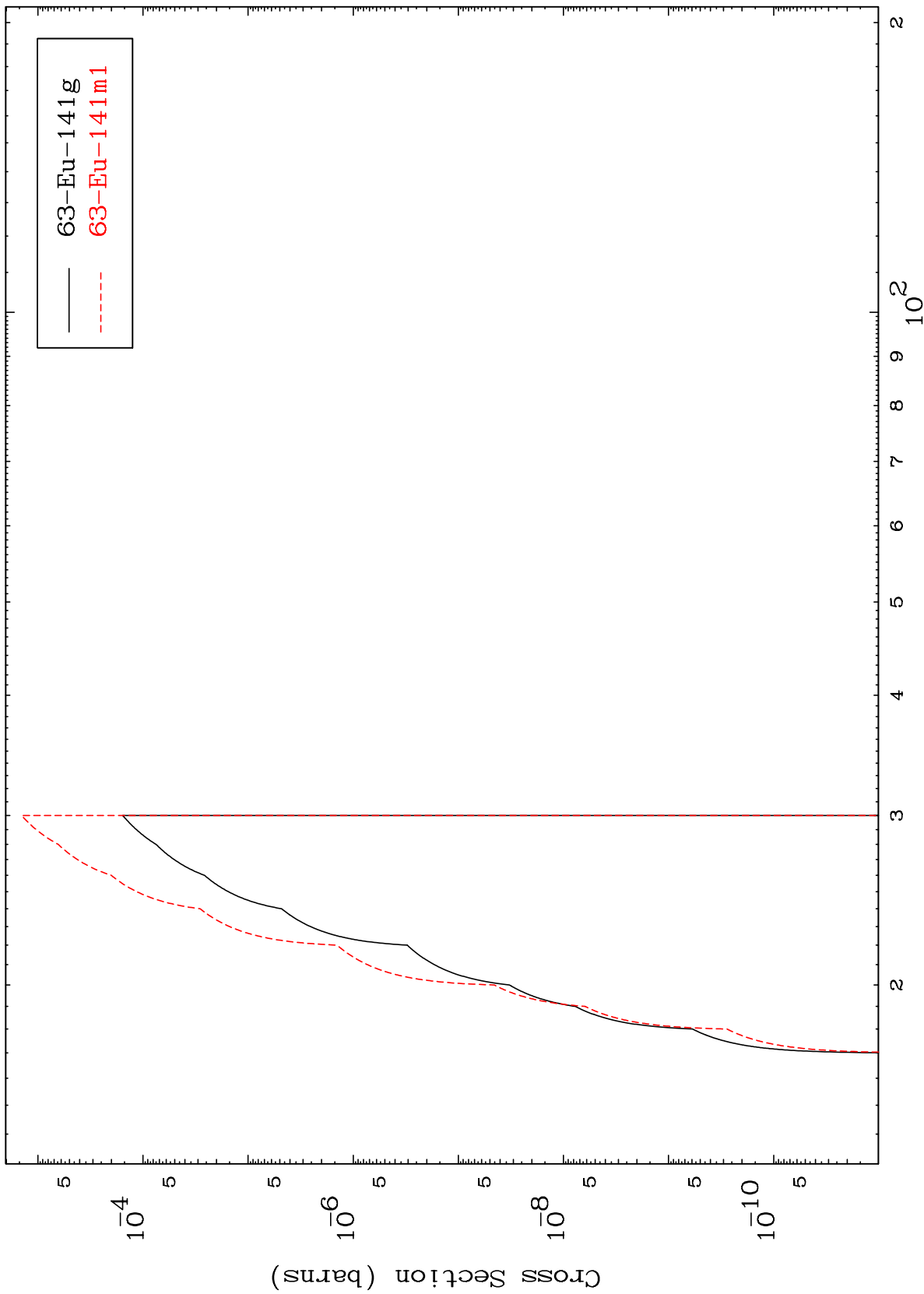
Incident Energy (MeV)

14

MAT 6210

62-Sm-139

(n,d)
Radionuclide Production Cross Section



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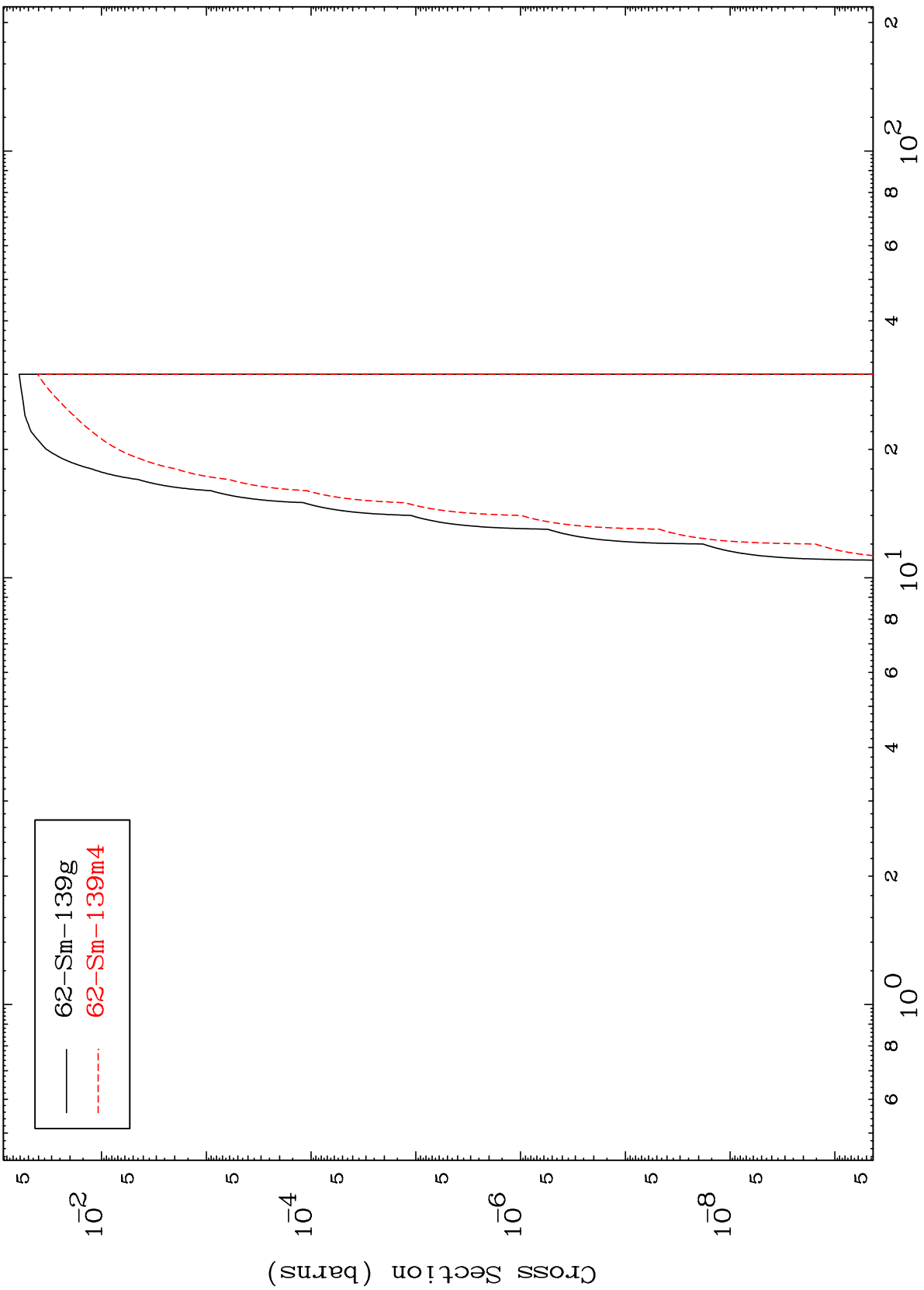
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

(n, α)
Radionuclide Production Cross Section



16

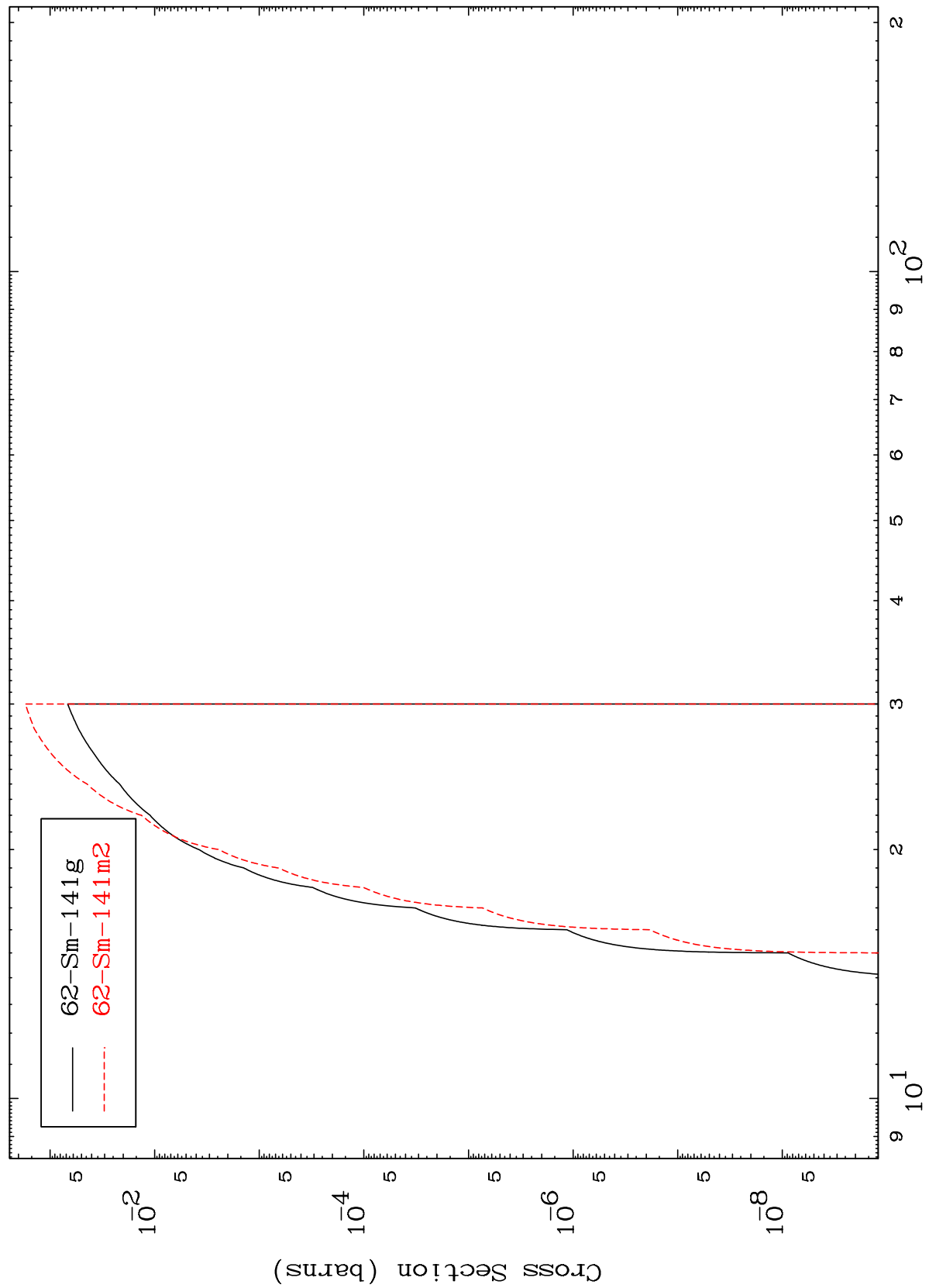
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

(n,2p)
Radionuclide Production Cross Section



62-Sm-141g
62-Sm-141m2

62-Sm-139

Incident Energy (MeV)

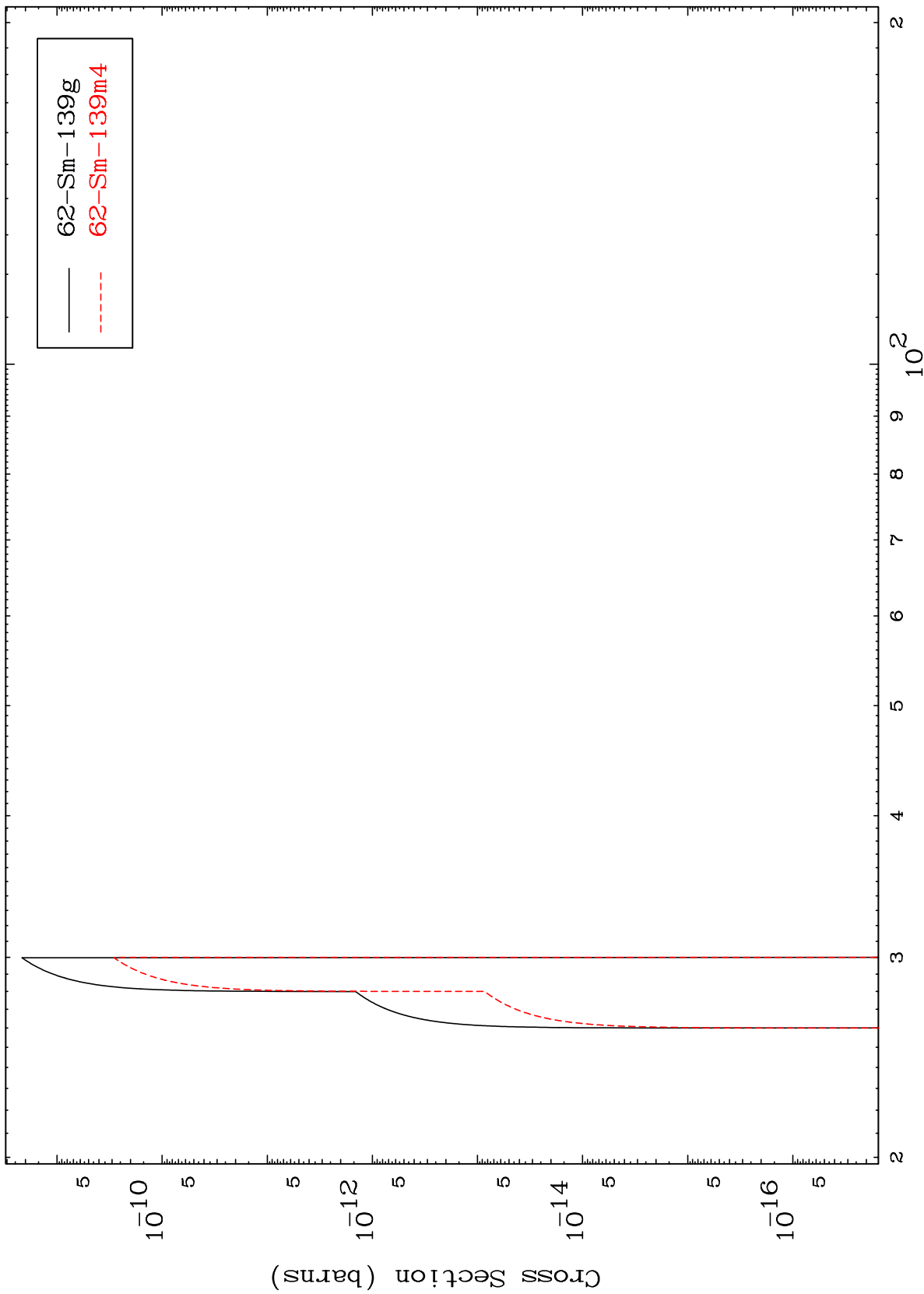
17

MAT 6210

(n,p) t

62-Sm-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

62-Sm-139