

Program EVALPLOT
(Version 2021-1)

by

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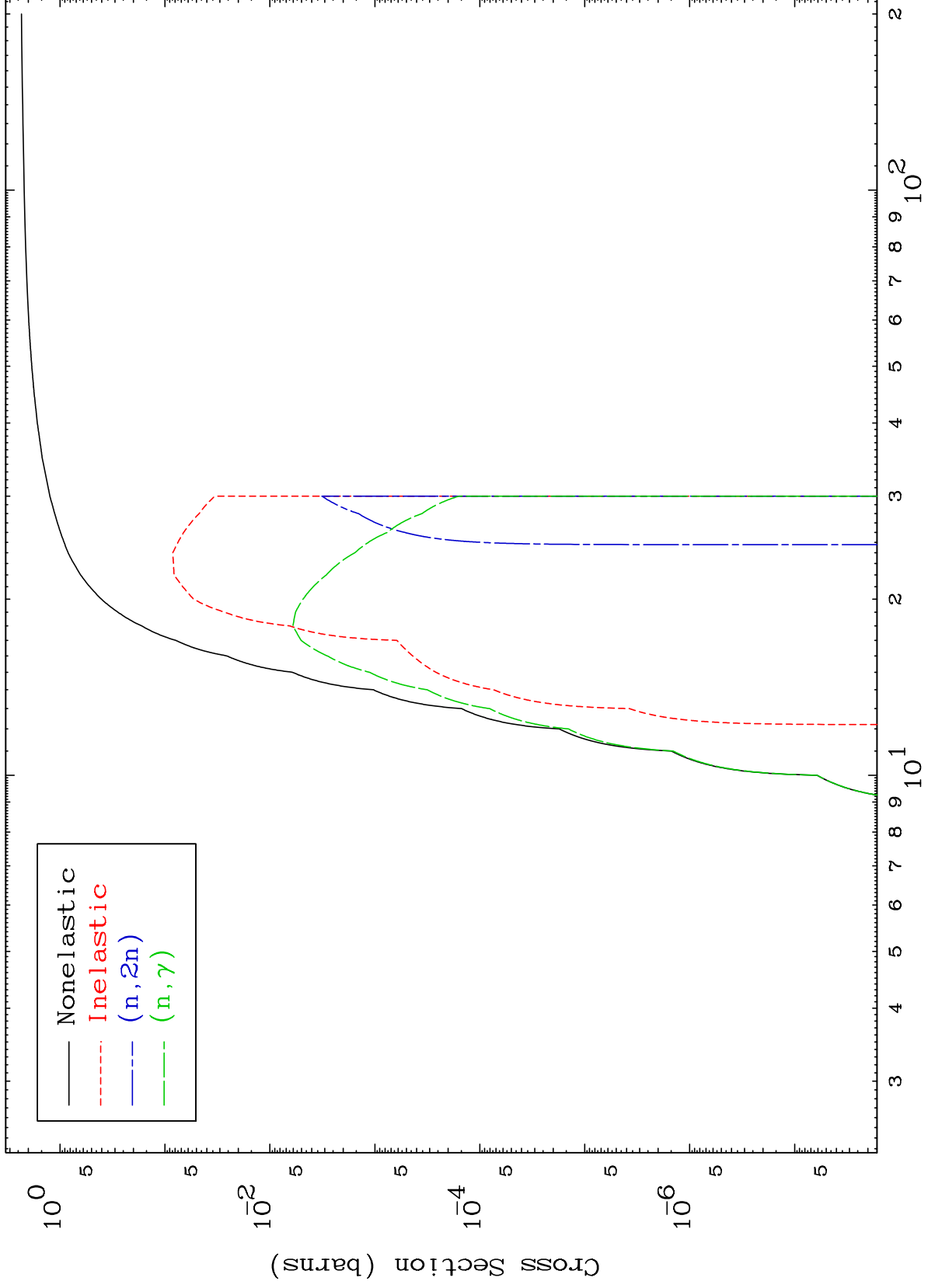
Press Mouse Button to Start

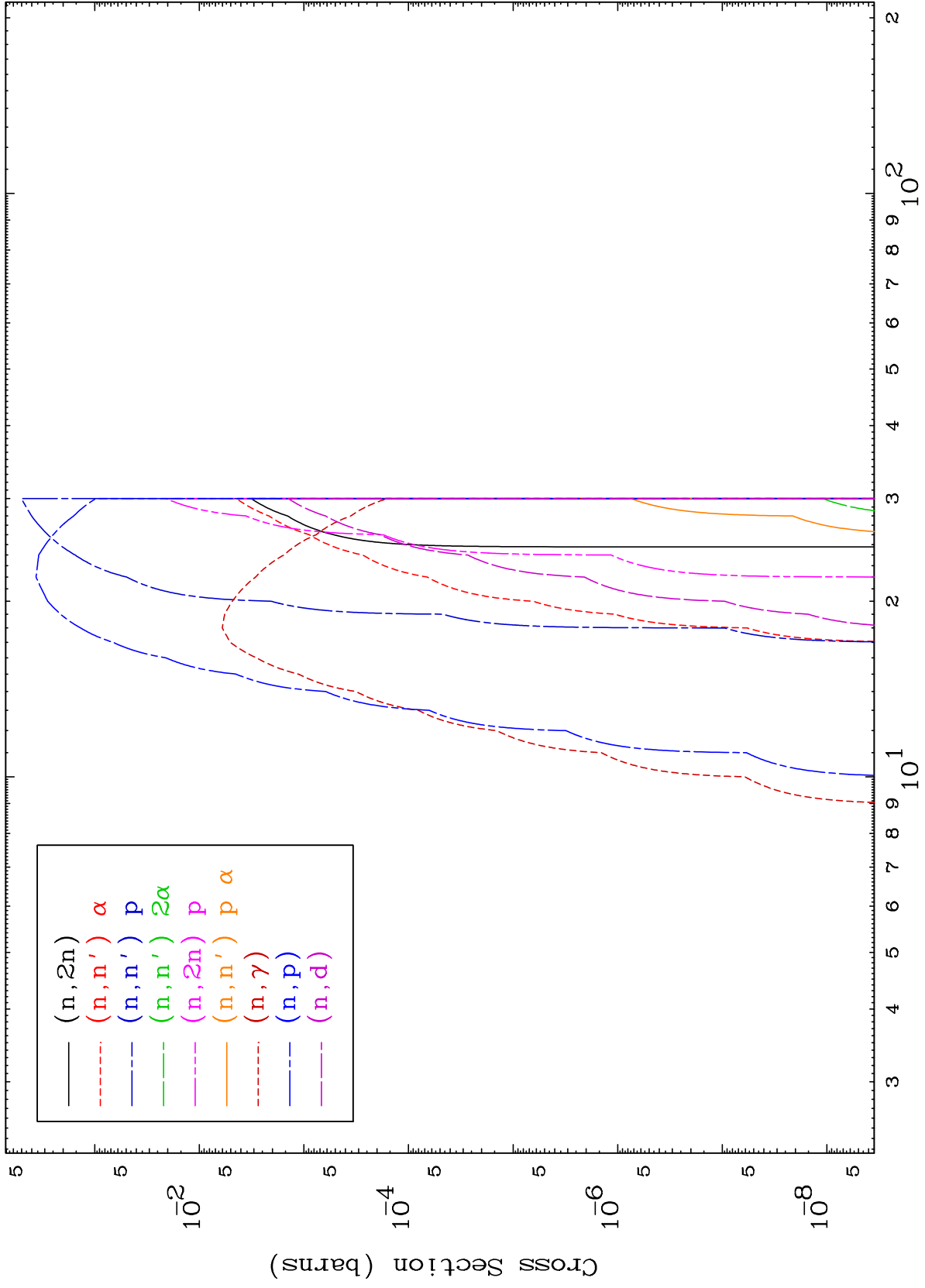
MAT 6204

0 Kelvin Cross Sections

α Major

62-Sm-137

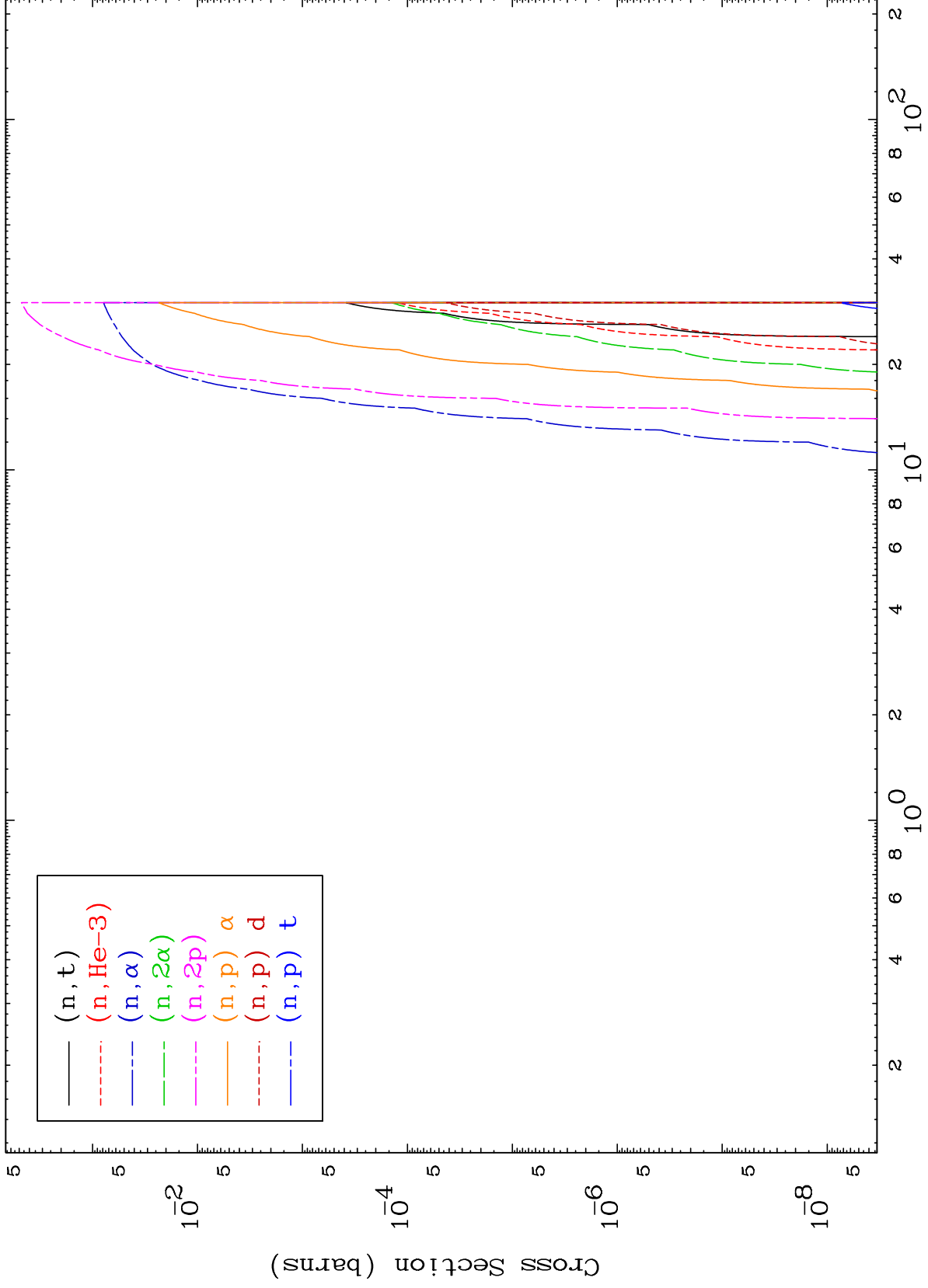


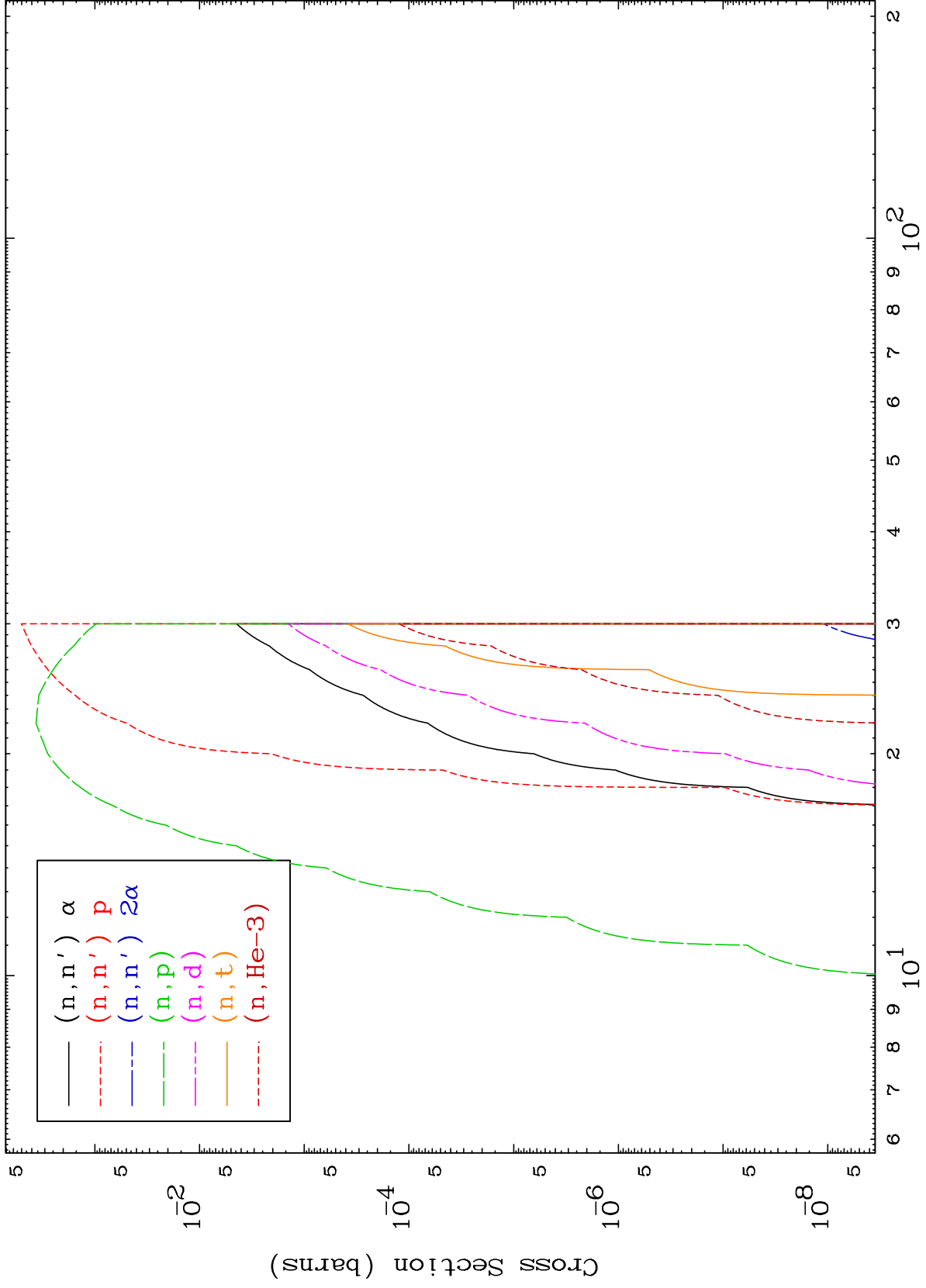


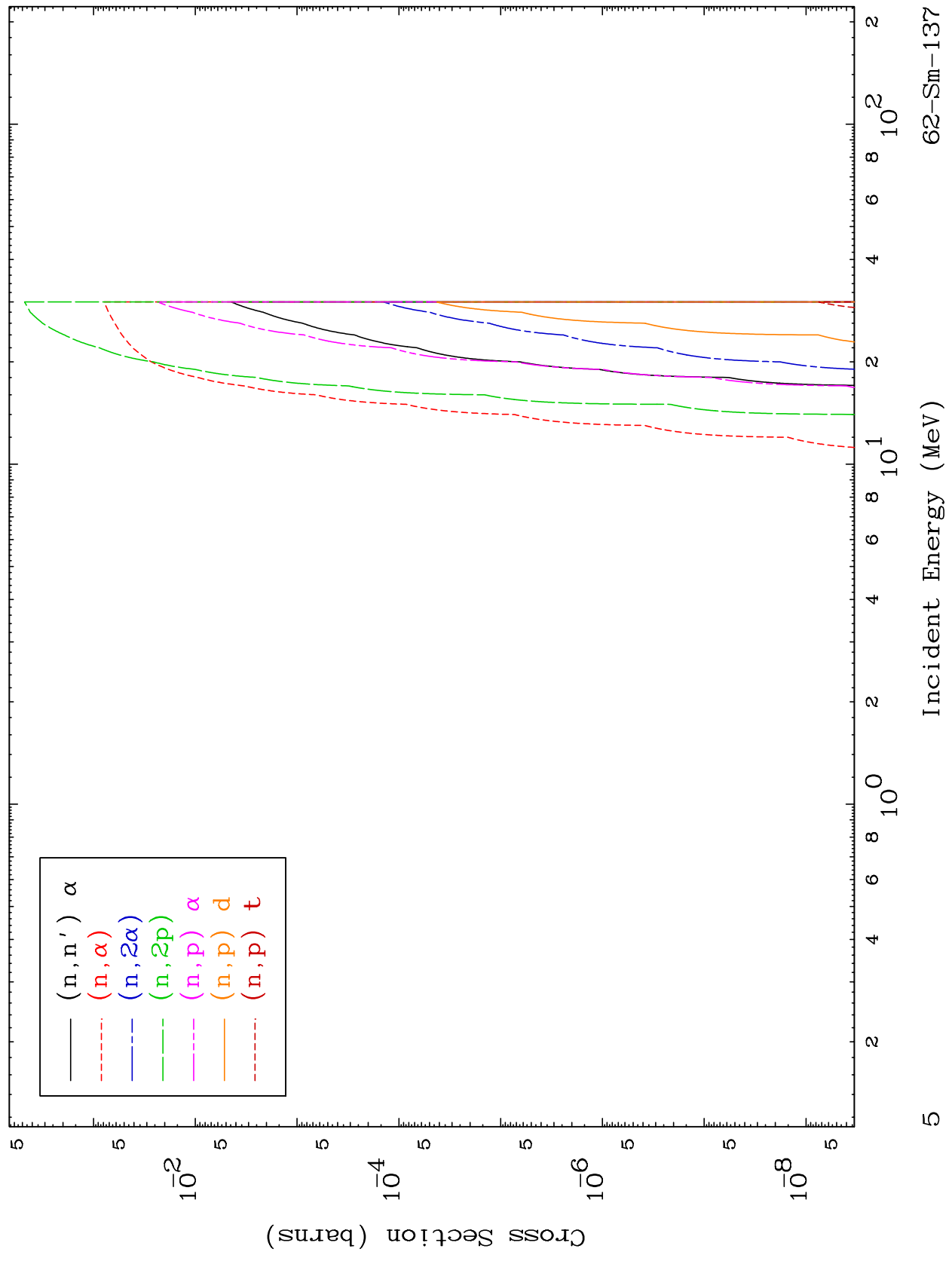
MAT 6204

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-137





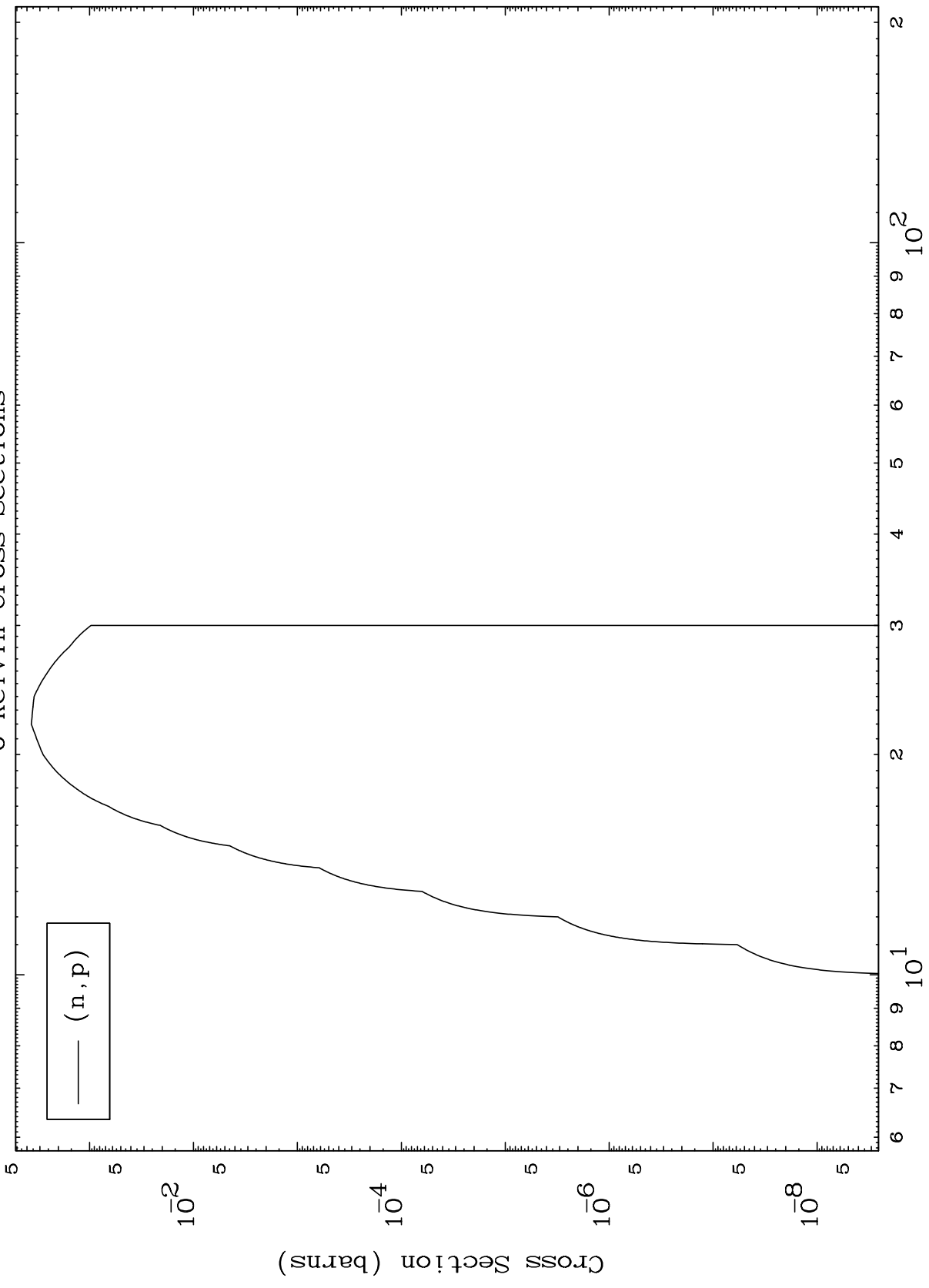


MAT 6204

(α, p) Levels

62-Sm-137

0 Kelvin Cross Sections



6

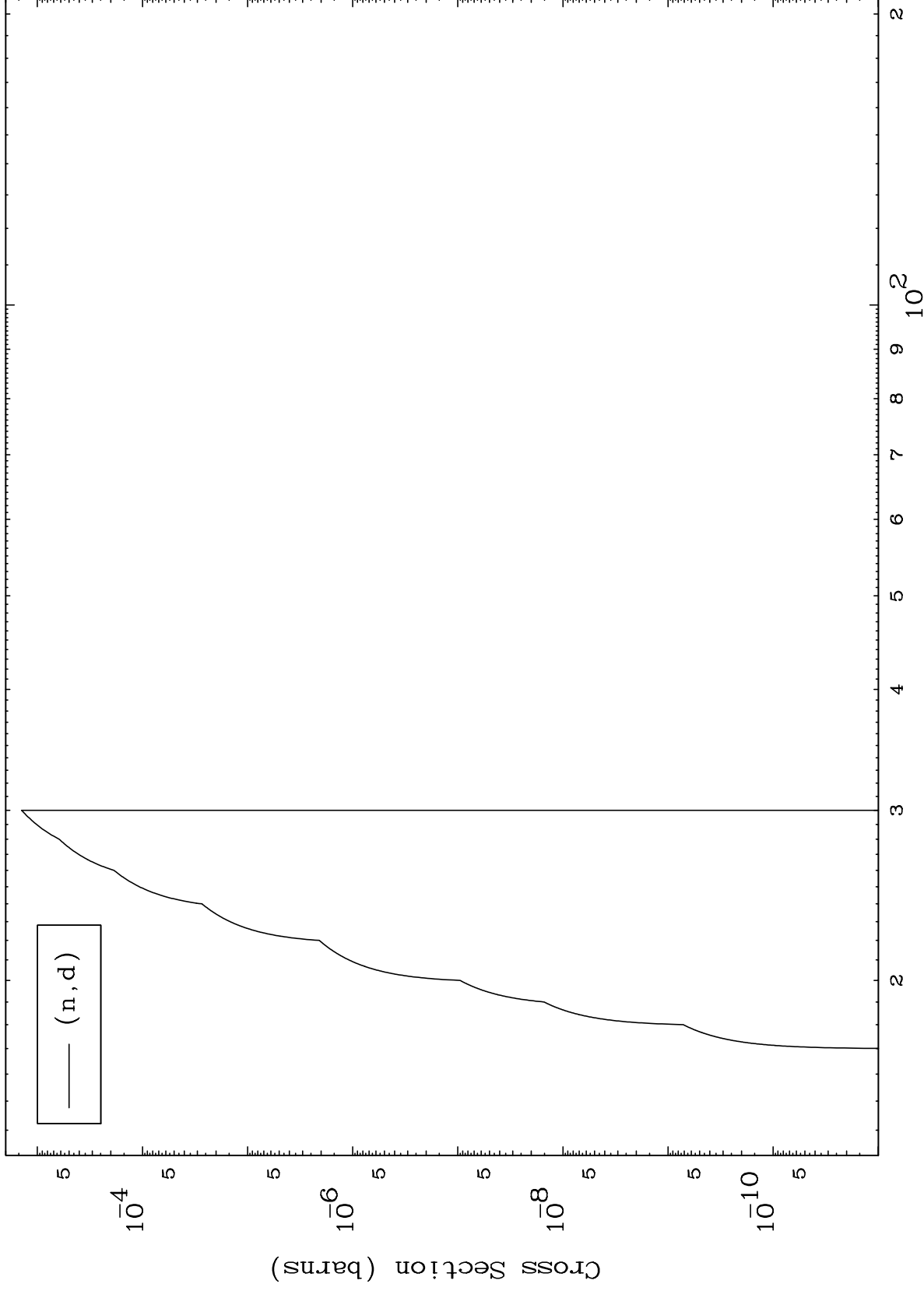
Incident Energy (MeV)

62-Sm-137

MAT 6204

(α, d) Levels
0 Kelvin Cross Sections

62-Sm-137



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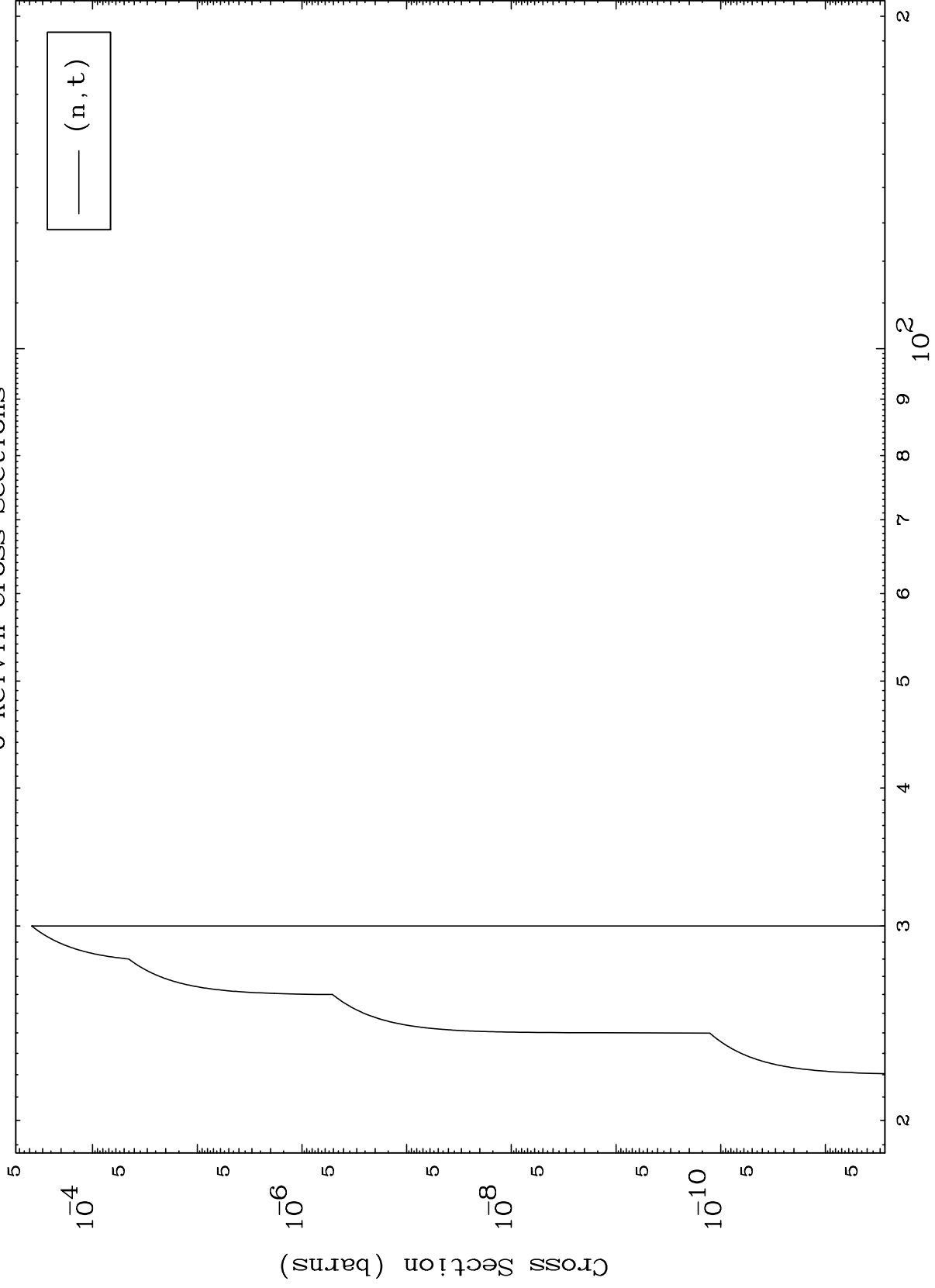
Incident Energy (MeV)

62-Sm-137

MAT 6204

(α, t) Levels
0 Kelvin Cross Sections

62-Sm-137



8

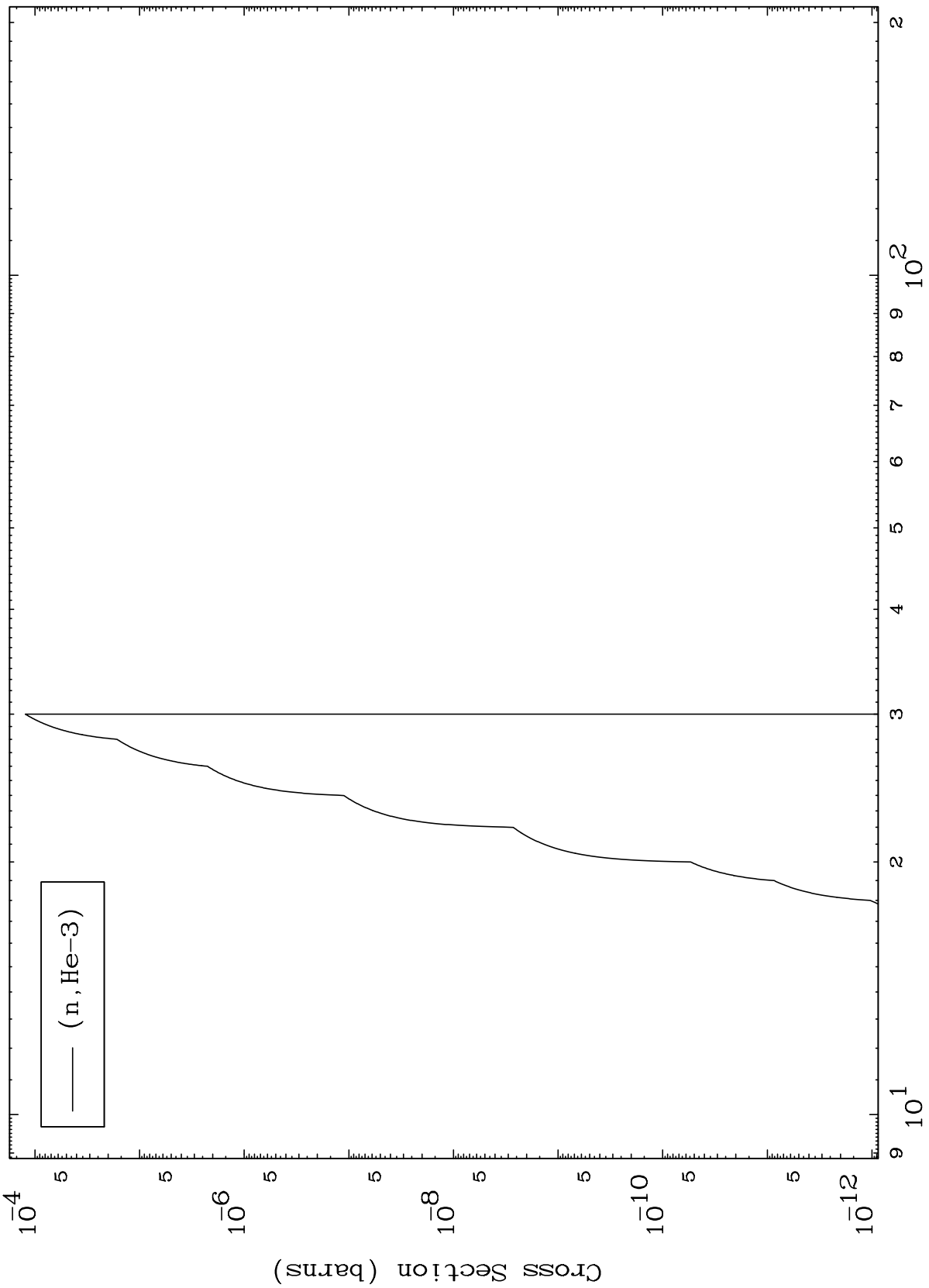
Incident Energy (MeV)

62-Sm-137

MAT 6204

62-Sm-137

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



62-Sm-137

Incident Energy (MeV)

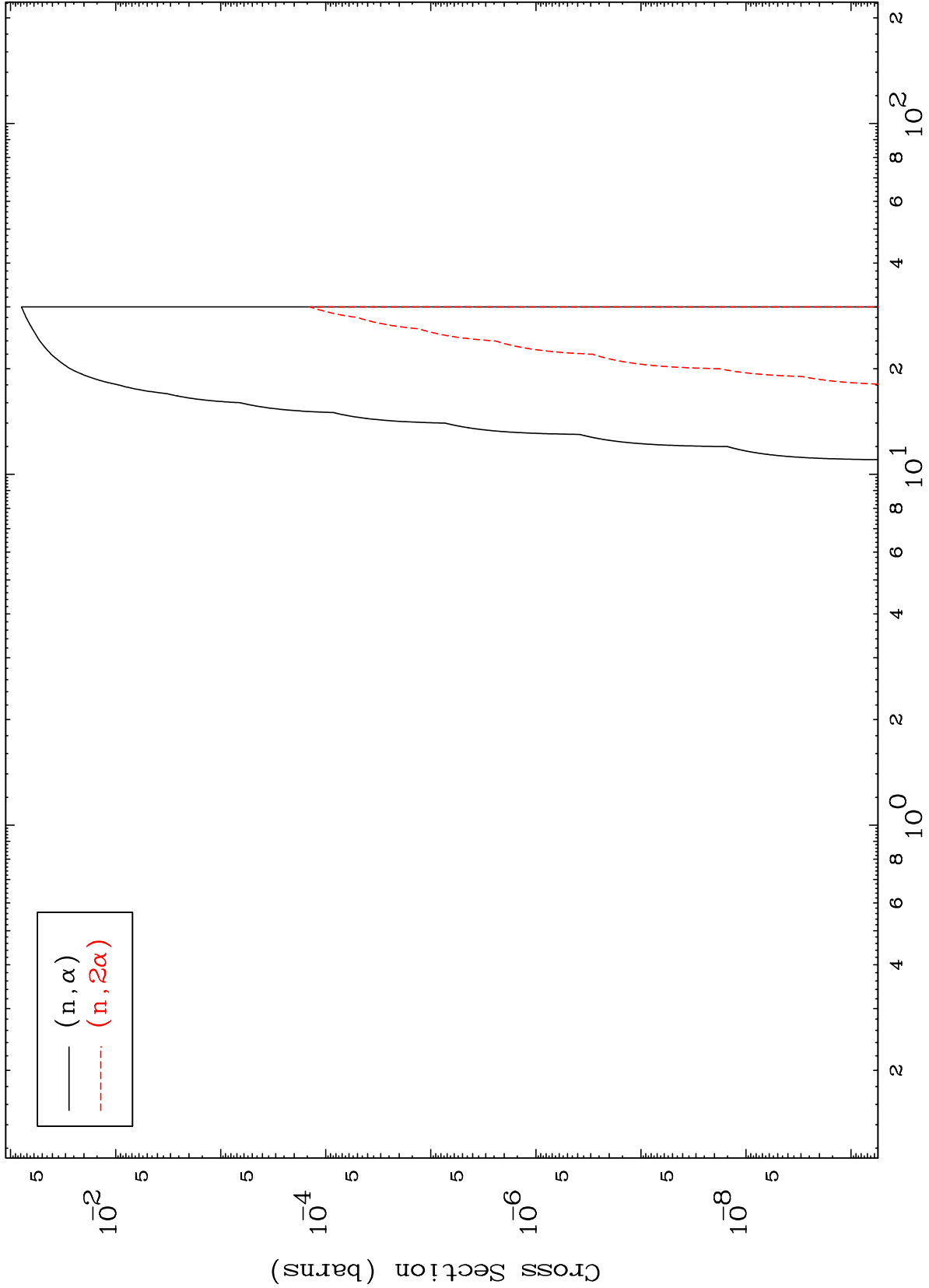
9

MAT 6204

(α, α) Levels

$^{62}\text{Sm-137}$

0 Kelvin Cross Sections

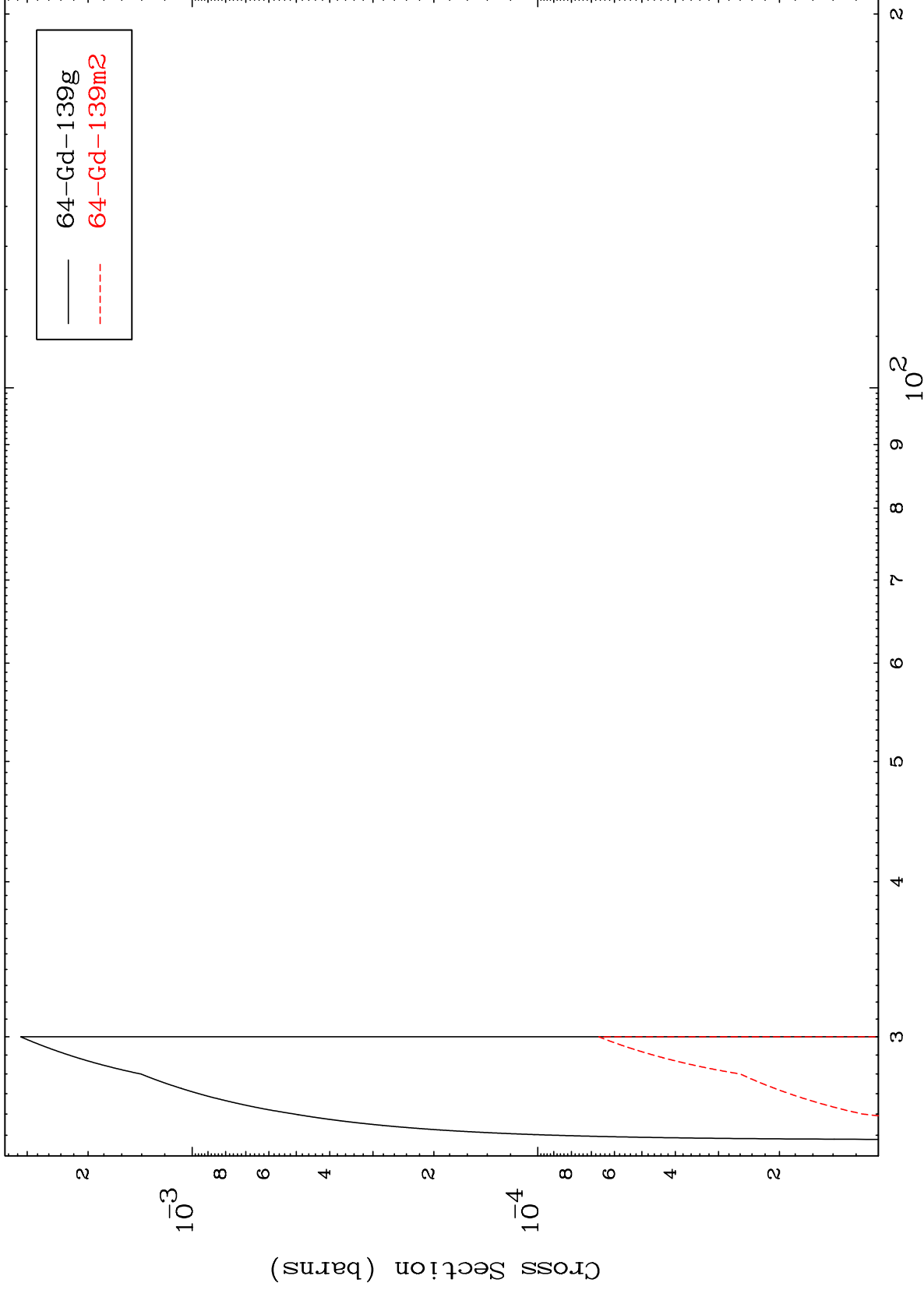


10

Incident Energy (MeV)

$^{62}\text{Sm-137}$

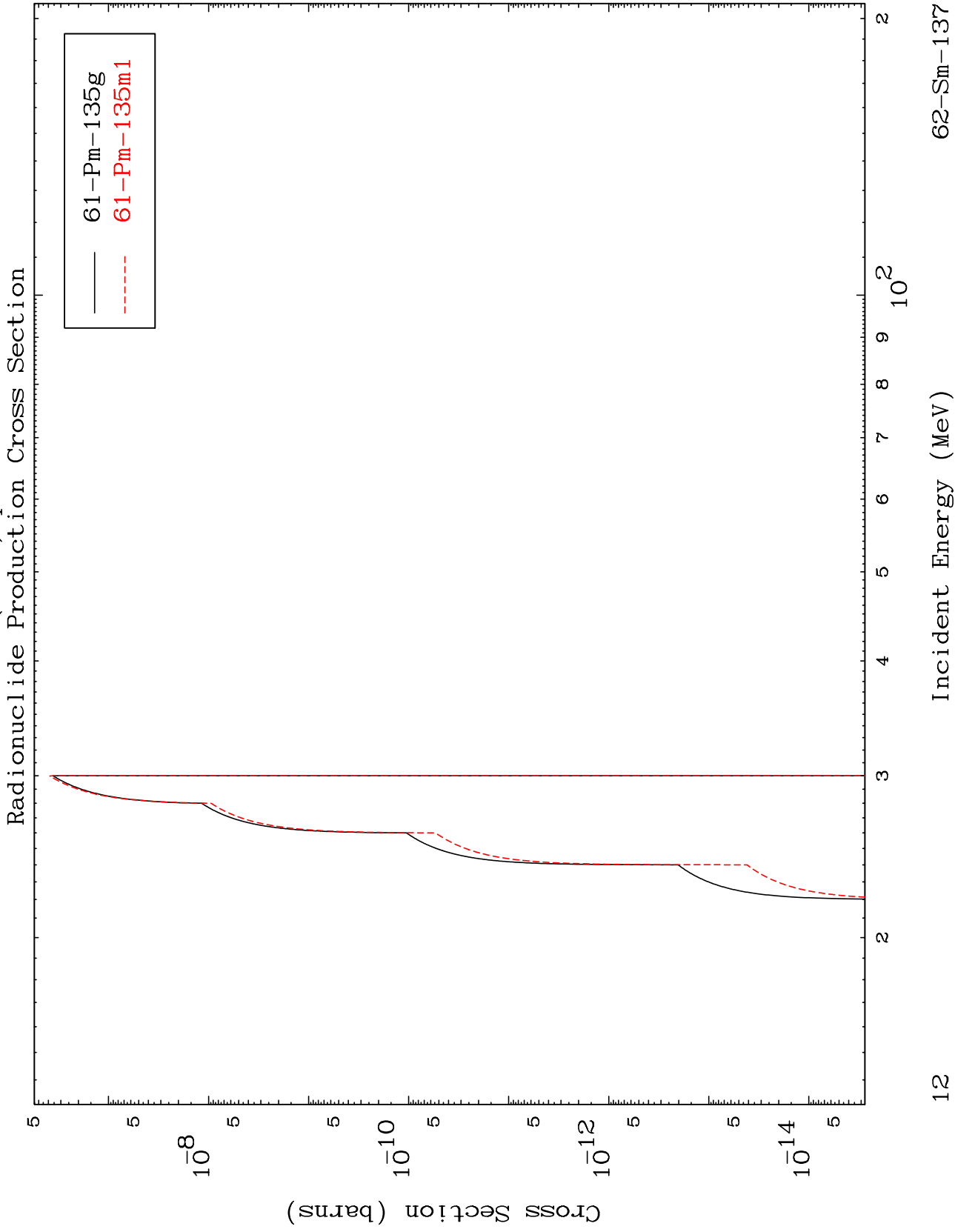
(n,2n)
Radionuclide Production Cross Section



MAT 6204

(n,n') p α

62-Sm-137



12

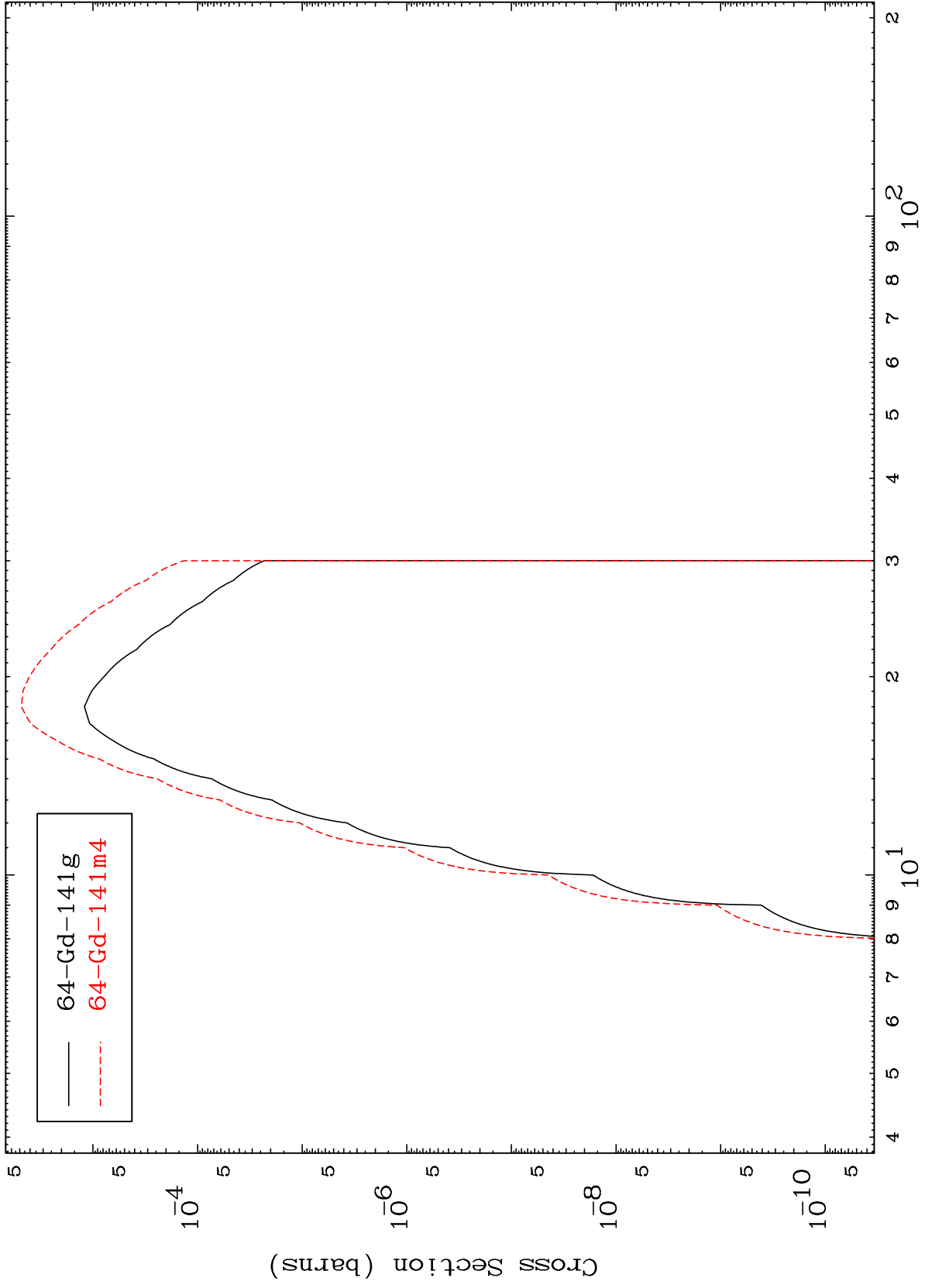
Incident Energy (MeV)

62-Sm-137

MAT 6204

62-Sm-137

(n,γ)
Radionuclide Production Cross Section



13

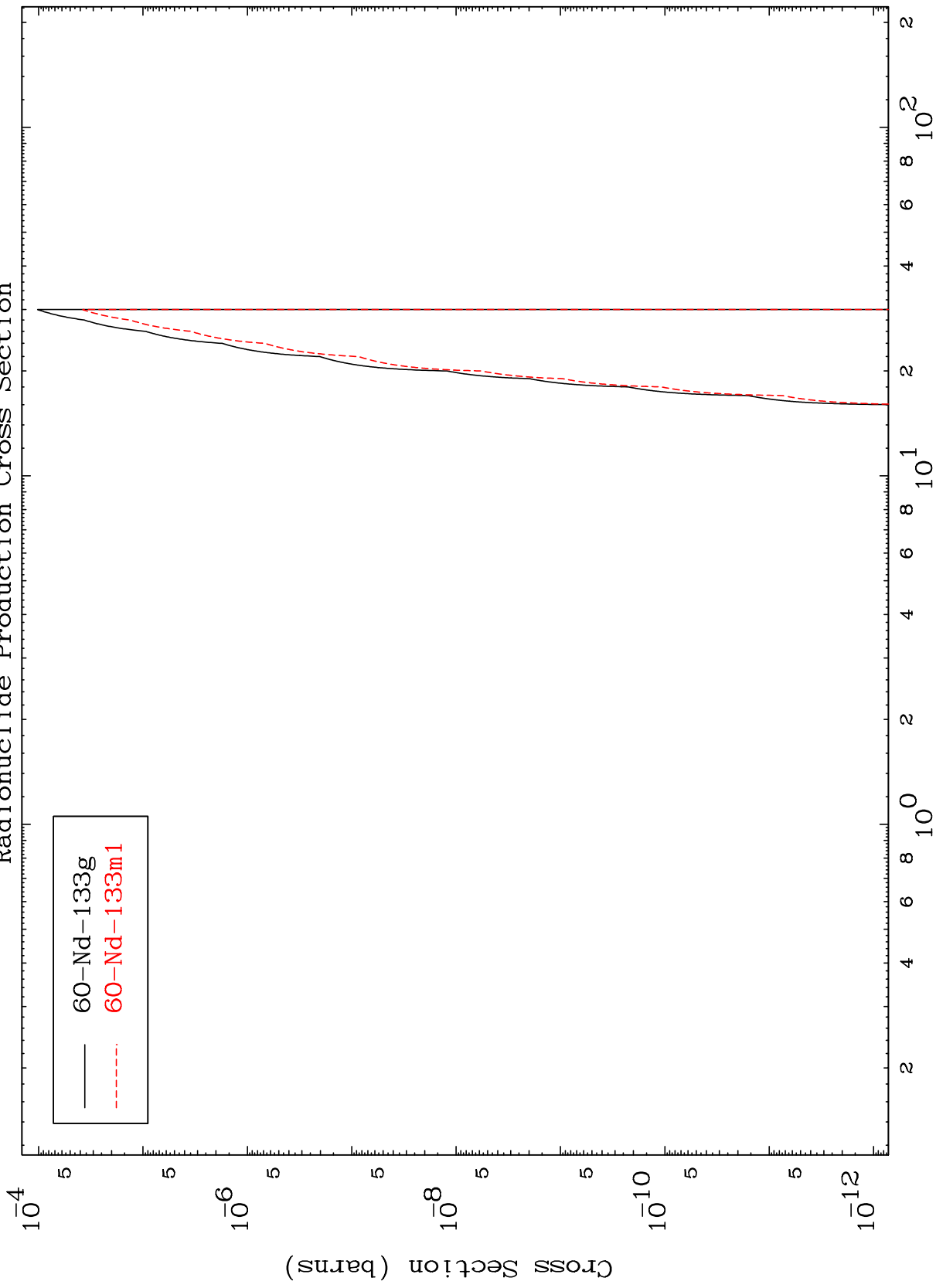
Incident Energy (MeV)

62-Sm-137

MAT 6204

62-Sm-137

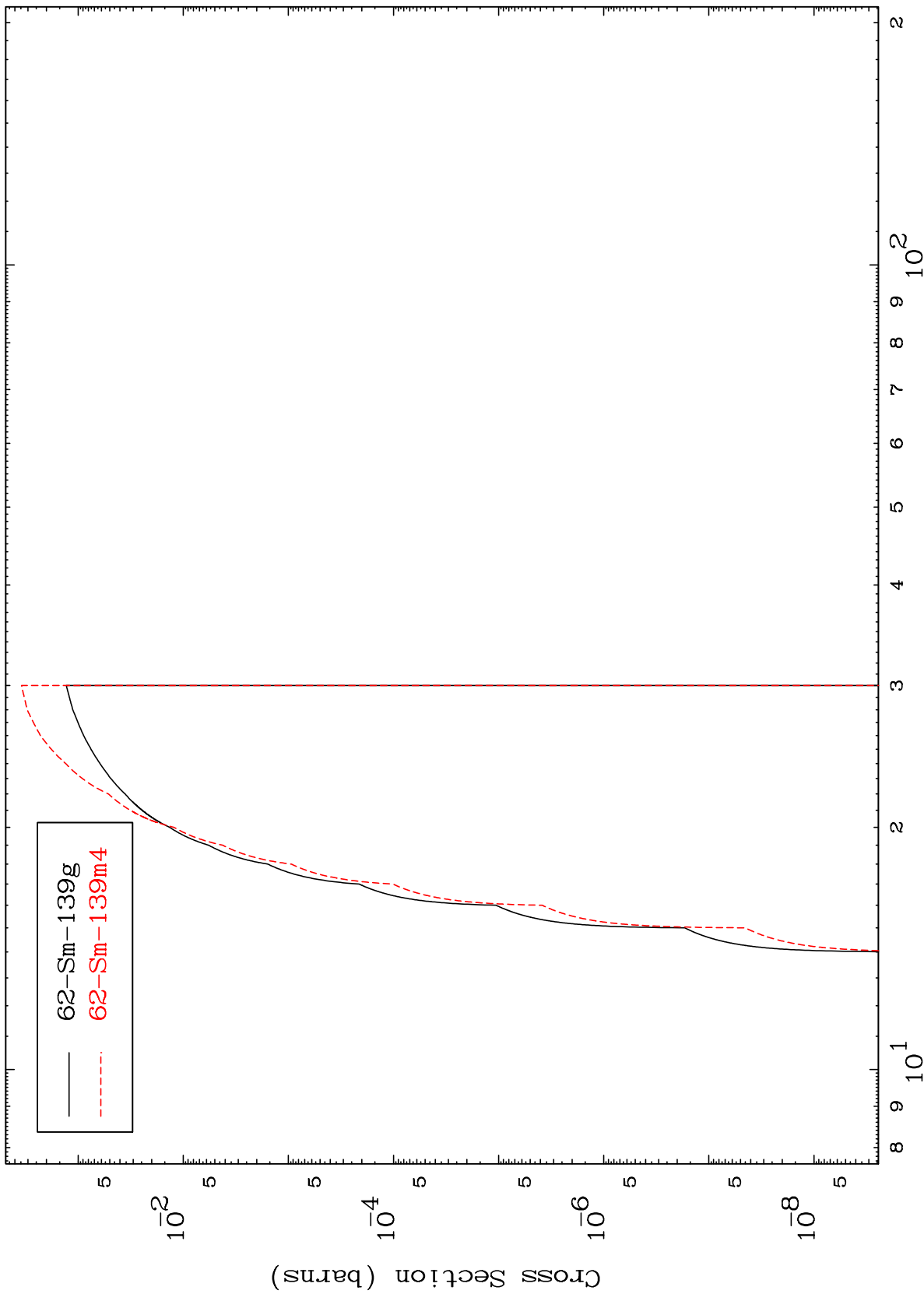
Radionuclide Production Cross Section



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62-Sm-137

(n,2p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

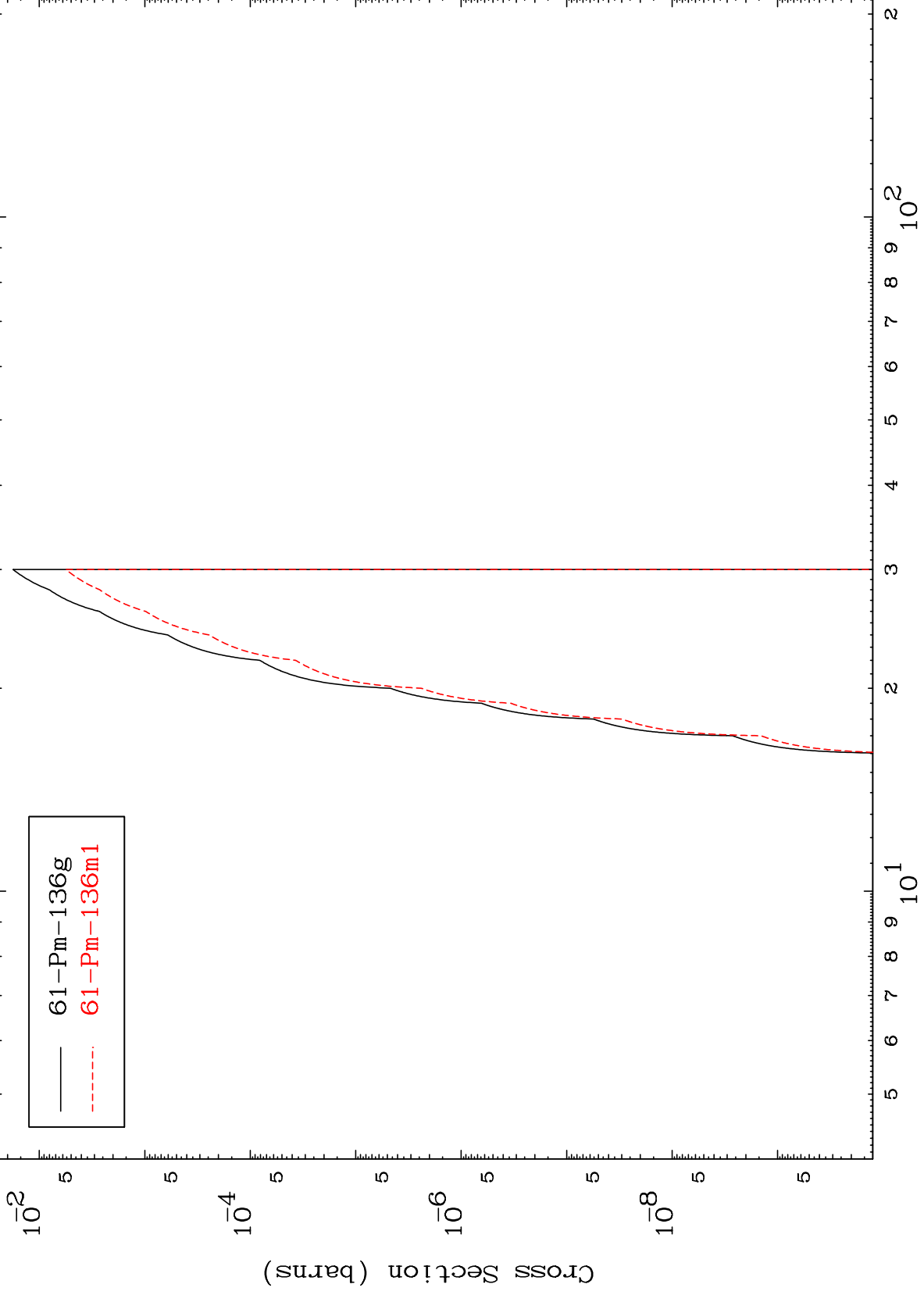
62-Sm-137

MAT 6204

(n,p) α

62-Sm-137

Radionuclide Production Cross Section



61-Pm-136g
61-Pm-136m1

16

Incident Energy (MeV)

62-Sm-137