

Program EVALPLOT
(Version 2021-1)

by

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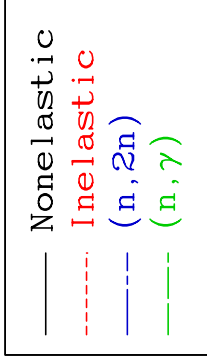
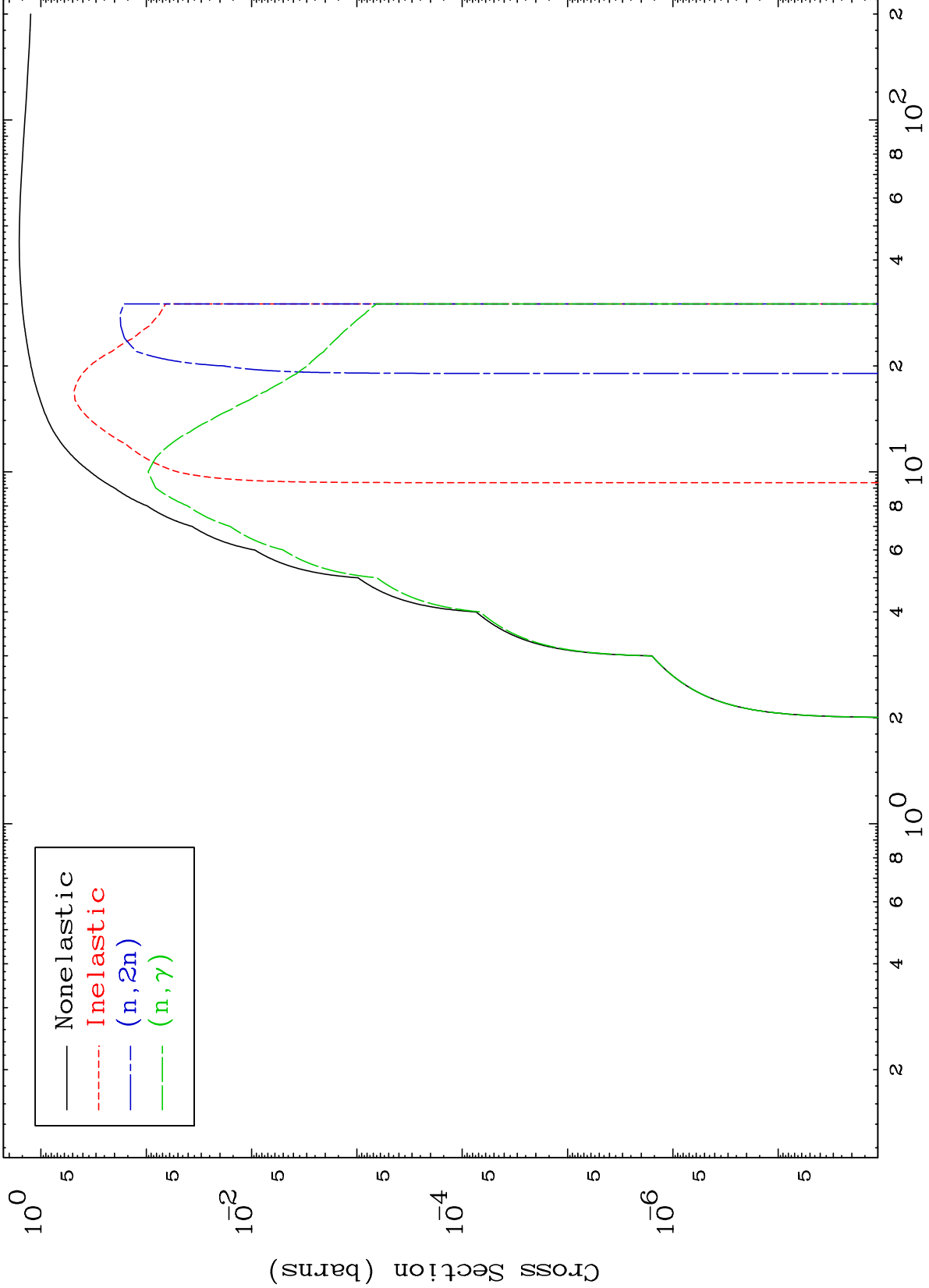
Press Mouse Button to Start

MAT 6213

Proton Major

62-Sm-140

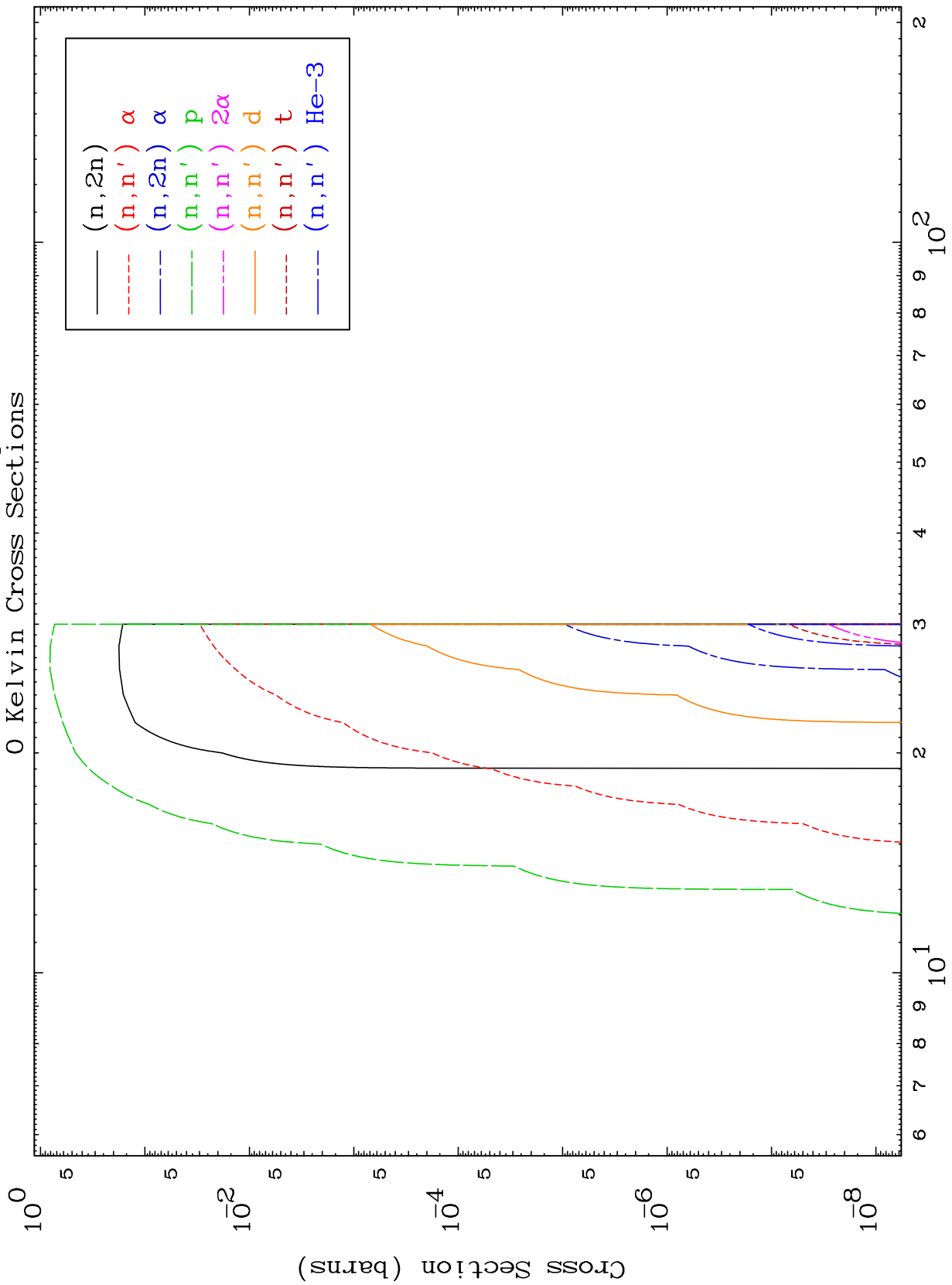
0 Kelvin Cross Sections



MAT 6213

Proton Neutron Absorption
0 Kelvin Cross Sections

62-Sm-140



2

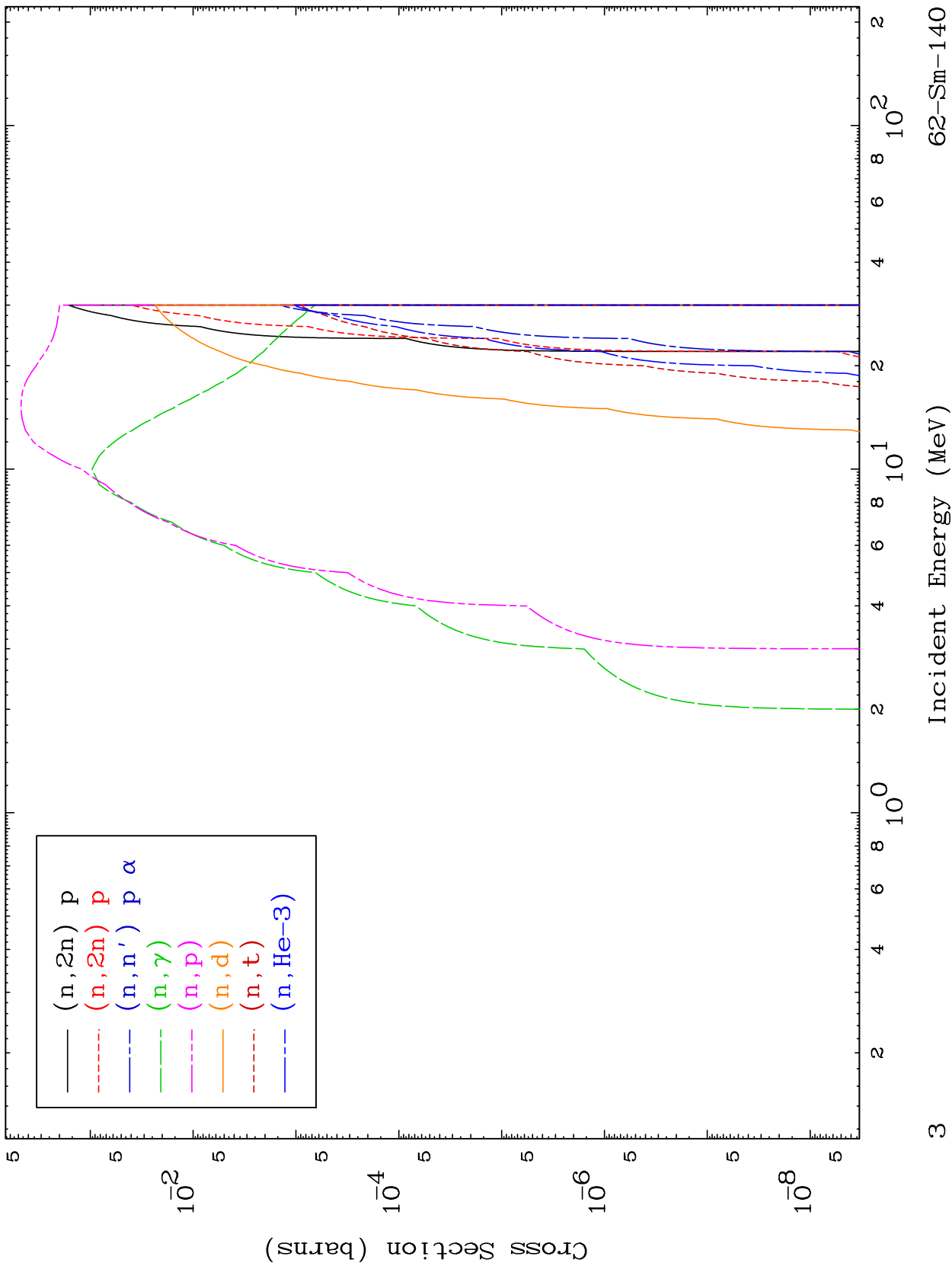
Incident Energy (MeV)

62-Sm-140

MAT 6213

Proton Neutron Absorption
0 Kelvin Cross Sections

62-Sm-140



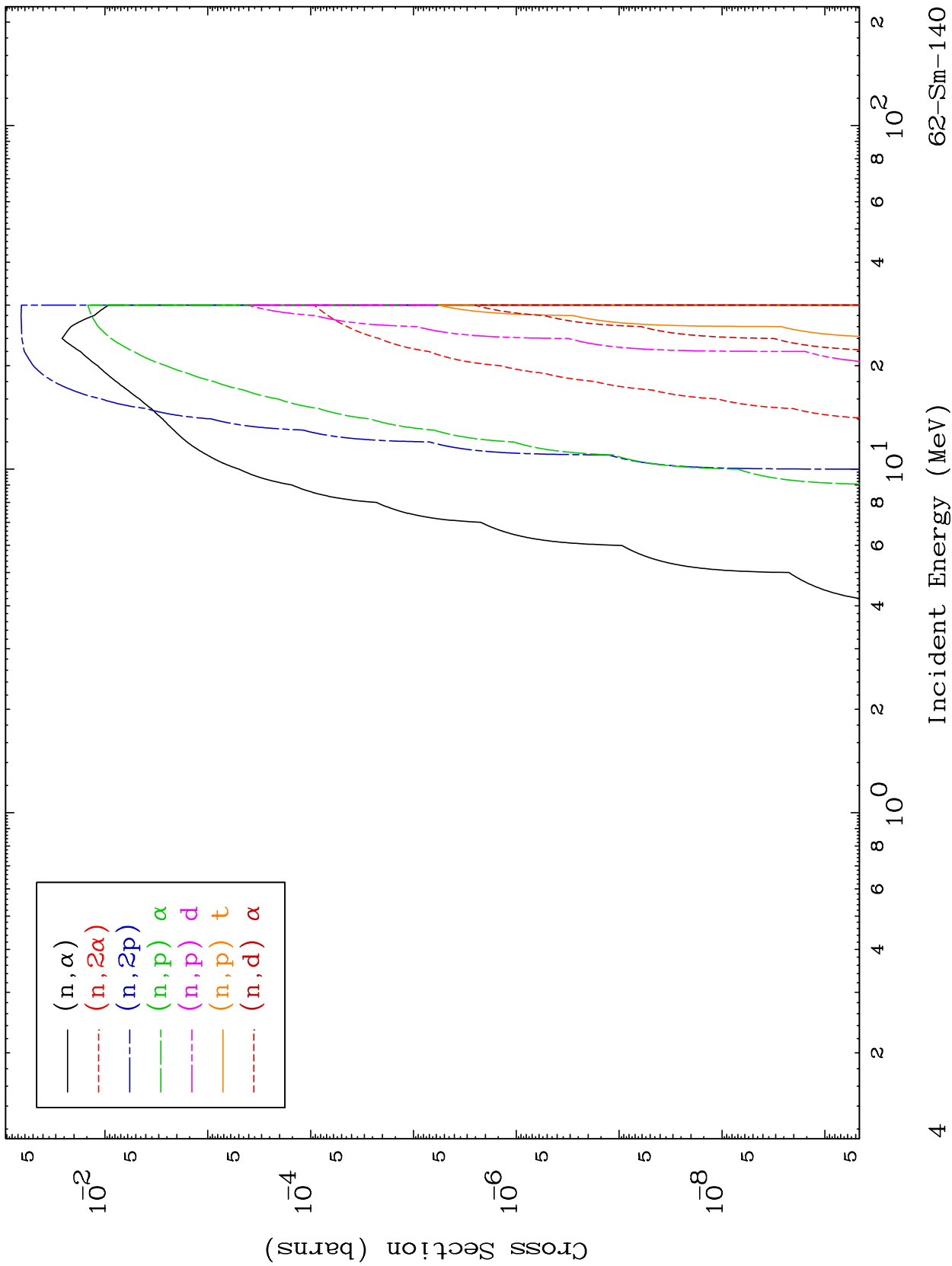
62-Sm-140

Incident Energy (MeV)

MAT 6213

Proton Neutron Absorption
0 Kelvin Cross Sections

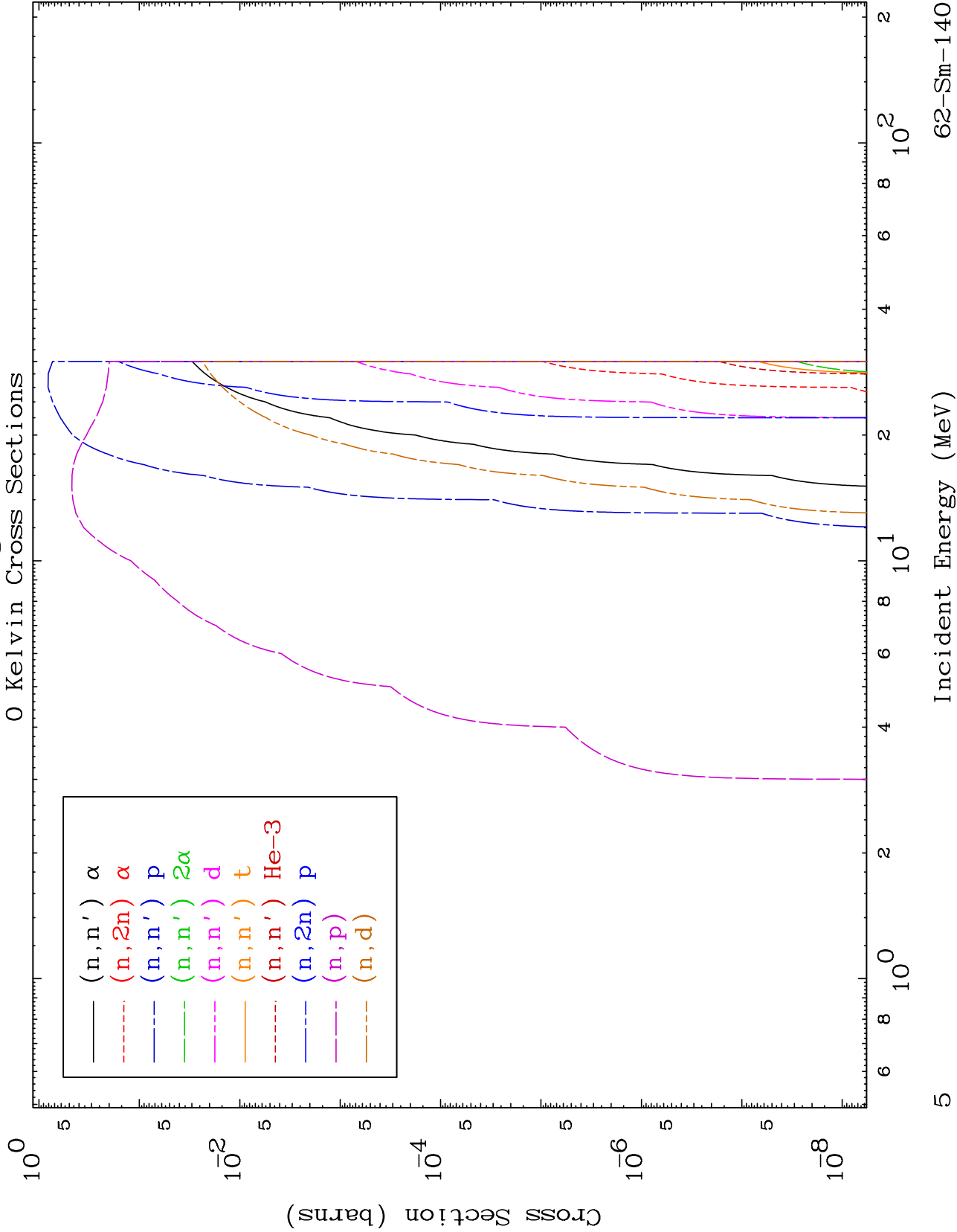
62-Sm-140



MAT 6213

Proton Charged Particle
0 Kelvin Cross Sections

62-Sm-140



5

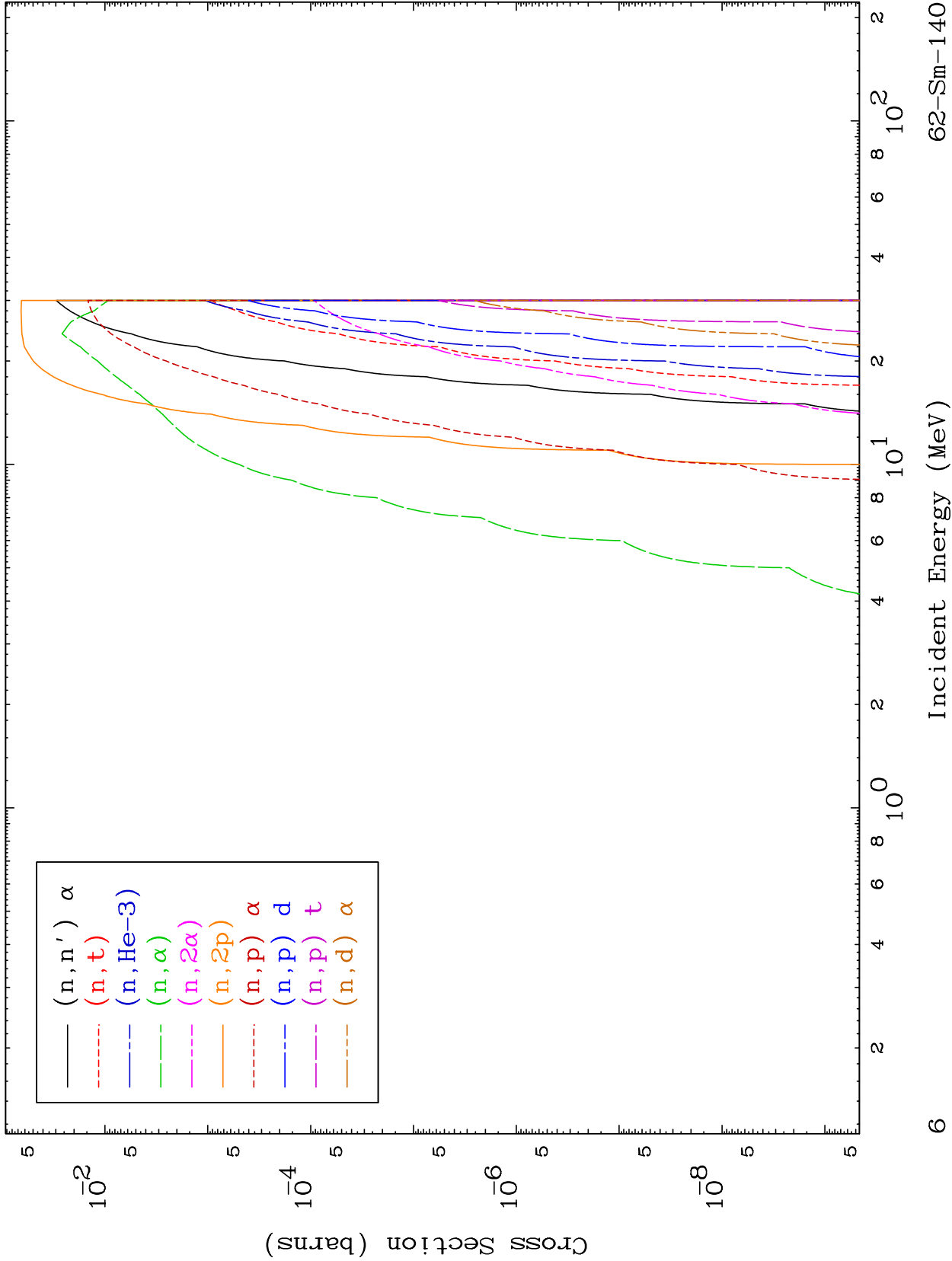
Incident Energy (MeV)

62-Sm-140

MAT 6213

Proton Charged Particle
0 Kelvin Cross Sections

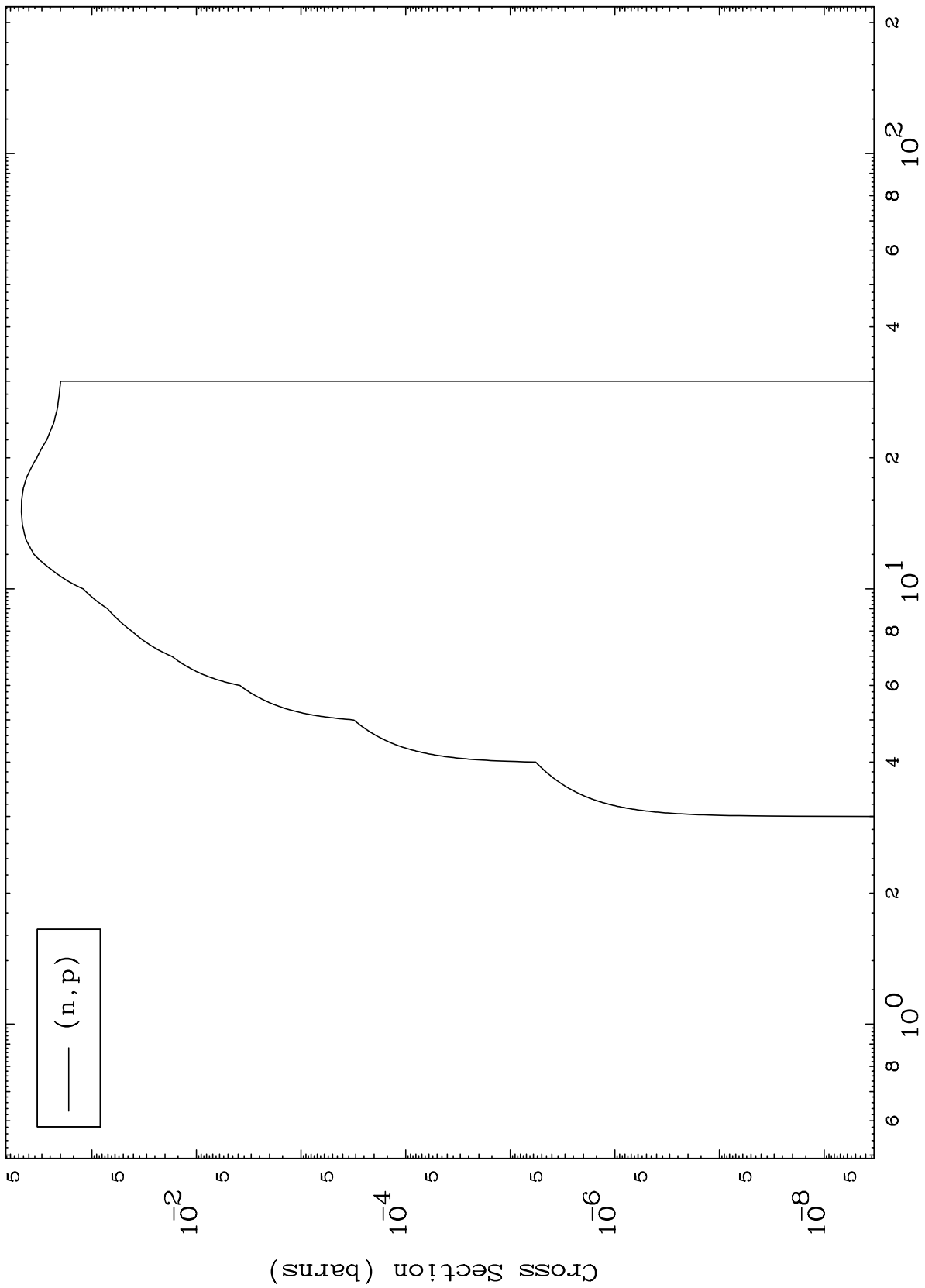
62-Sm-140



MAT 6213

62-Sm-140

(p,p) Levels
0 Kelvin Cross Sections



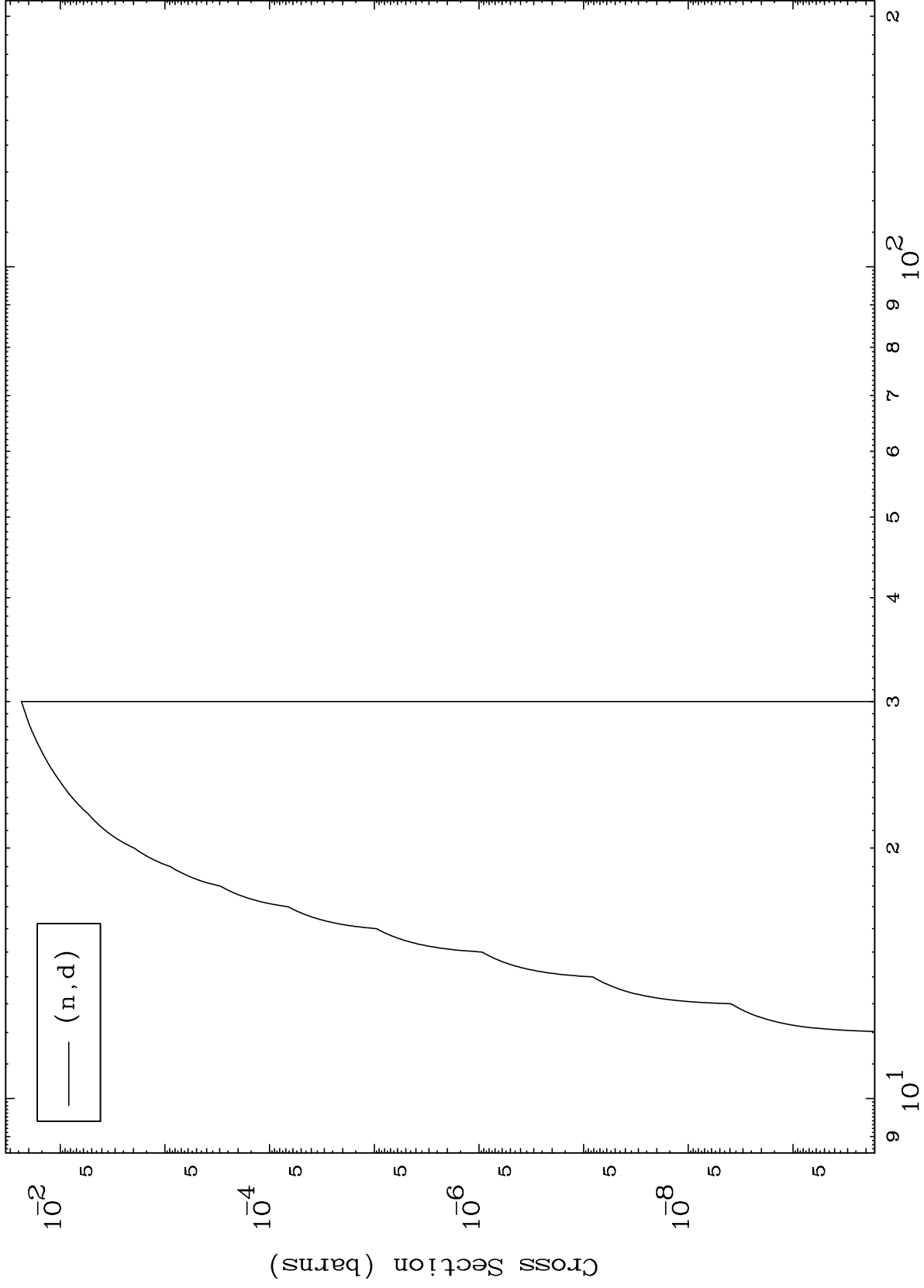
62-Sm-140

Incident Energy (MeV)

MAT 6213

(p,d) Levels
0 Kelvin Cross Sections

62-Sm-140



Incident Energy (MeV)

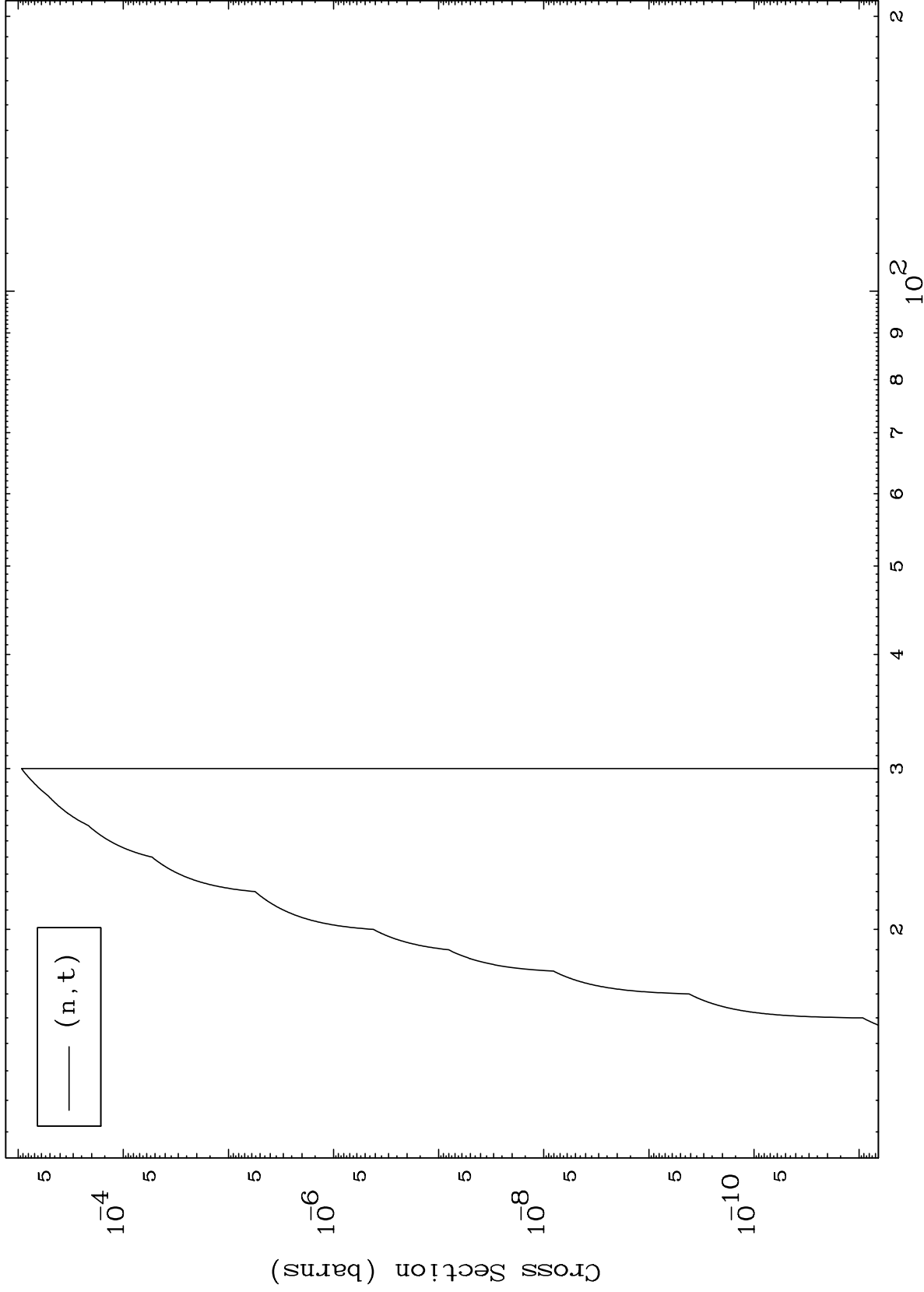
62-Sm-140

8

MAT 6213

62-Sm-140

(p,t) Levels
0 Kelvin Cross Sections



9

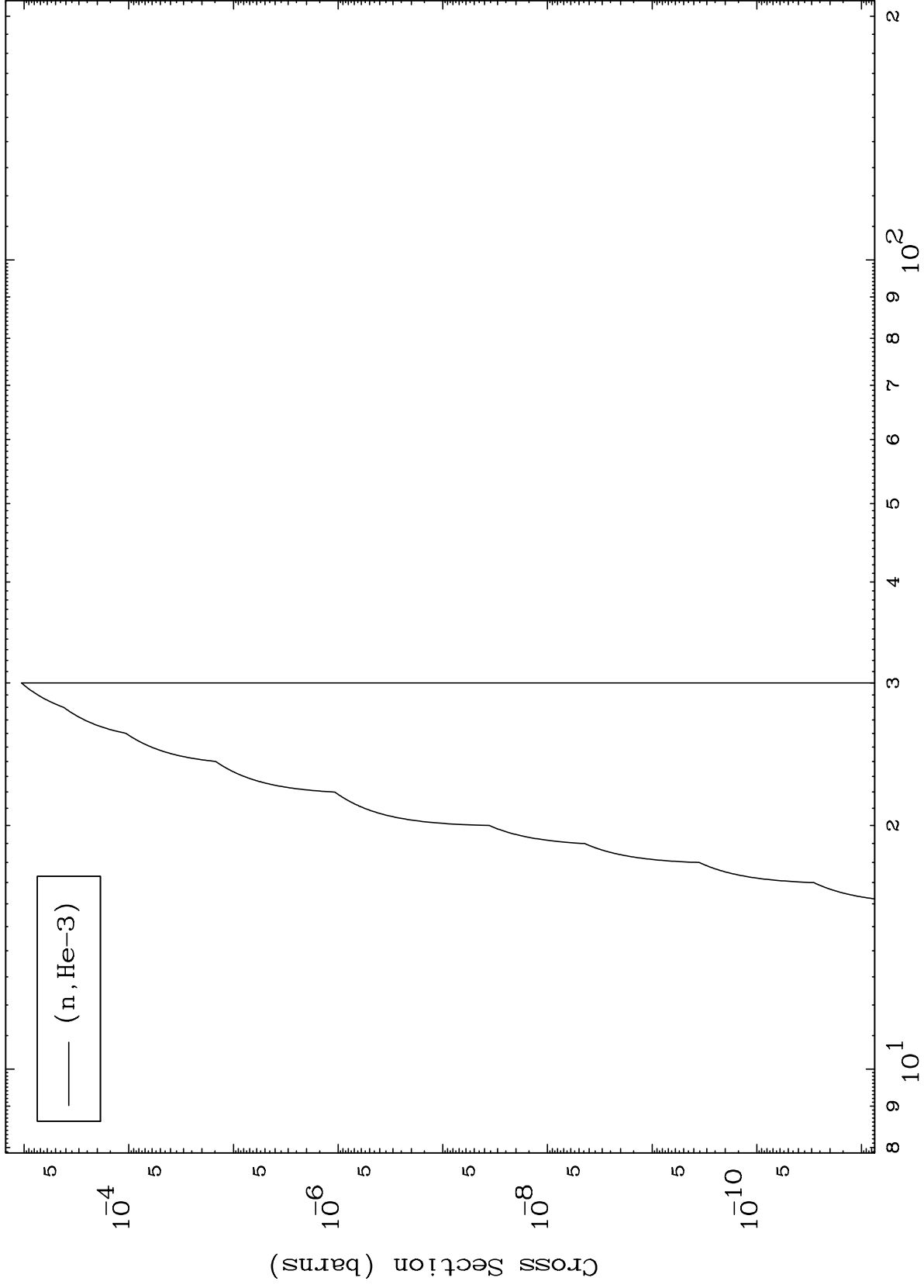
Incident Energy (MeV)

62-Sm-140

MAT 6213

(p,He3) Levels
0 Kelvin Cross Sections

62-Sm-140



10

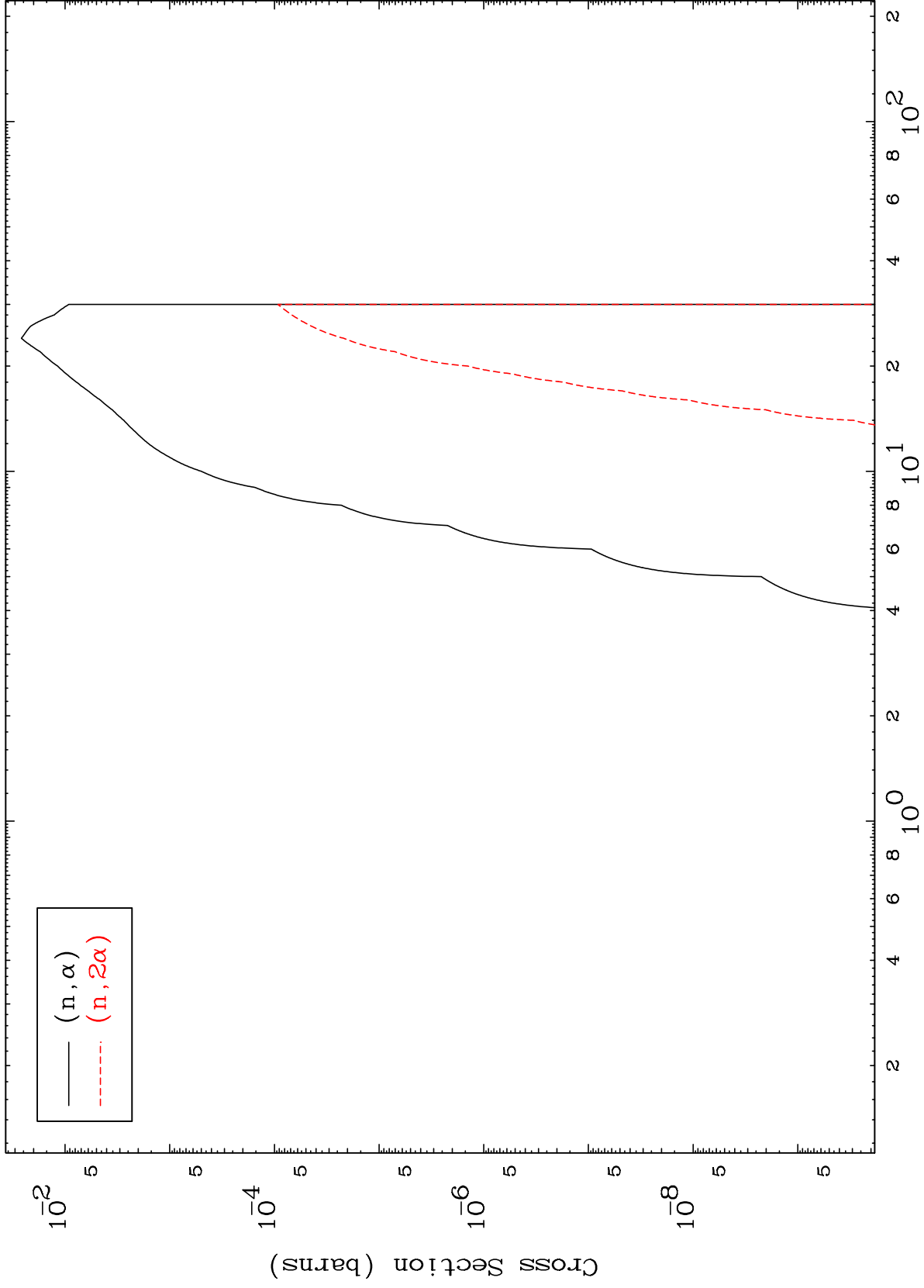
Incident Energy (MeV)

62-Sm-140

MAT 6213

(p, α) Levels
0 Kelvin Cross Sections

62-Sm-140

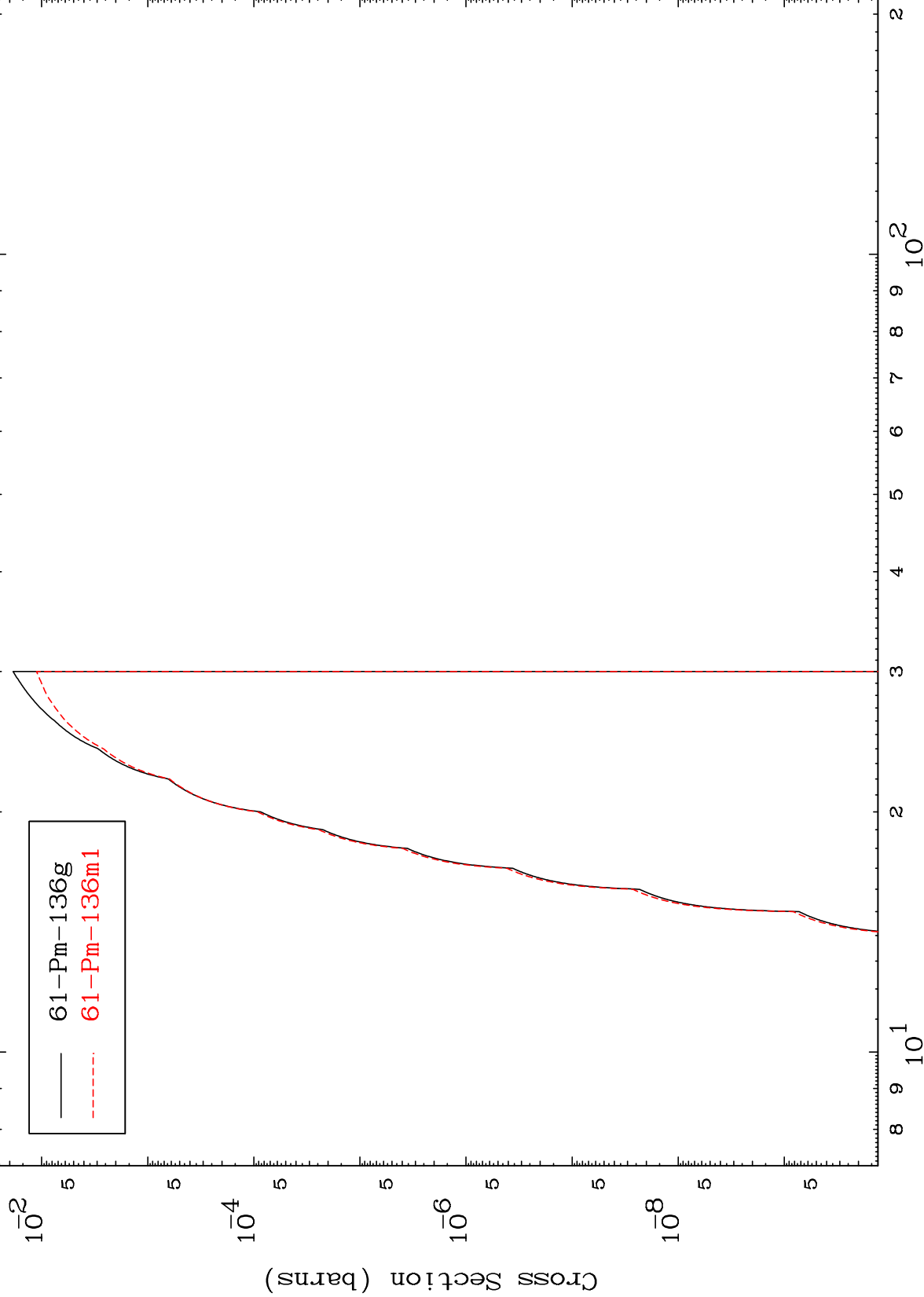


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62-Sm-140

(n,n') α

Radionuclide Production Cross Section



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

12

Incident Energy (MeV)

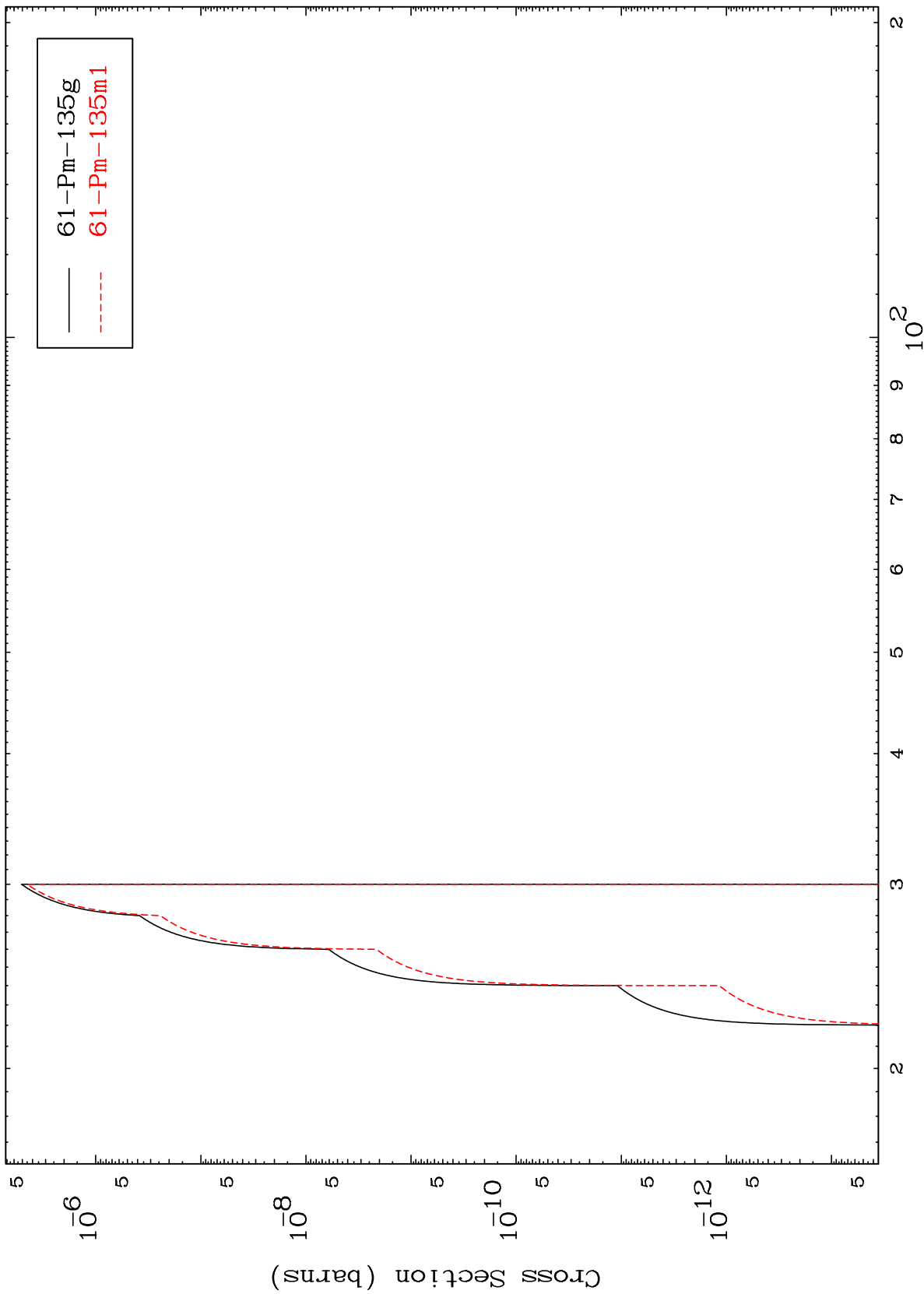
62-Sm-140

MAT 6213

$(n,2n) \alpha$

62-Sm-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

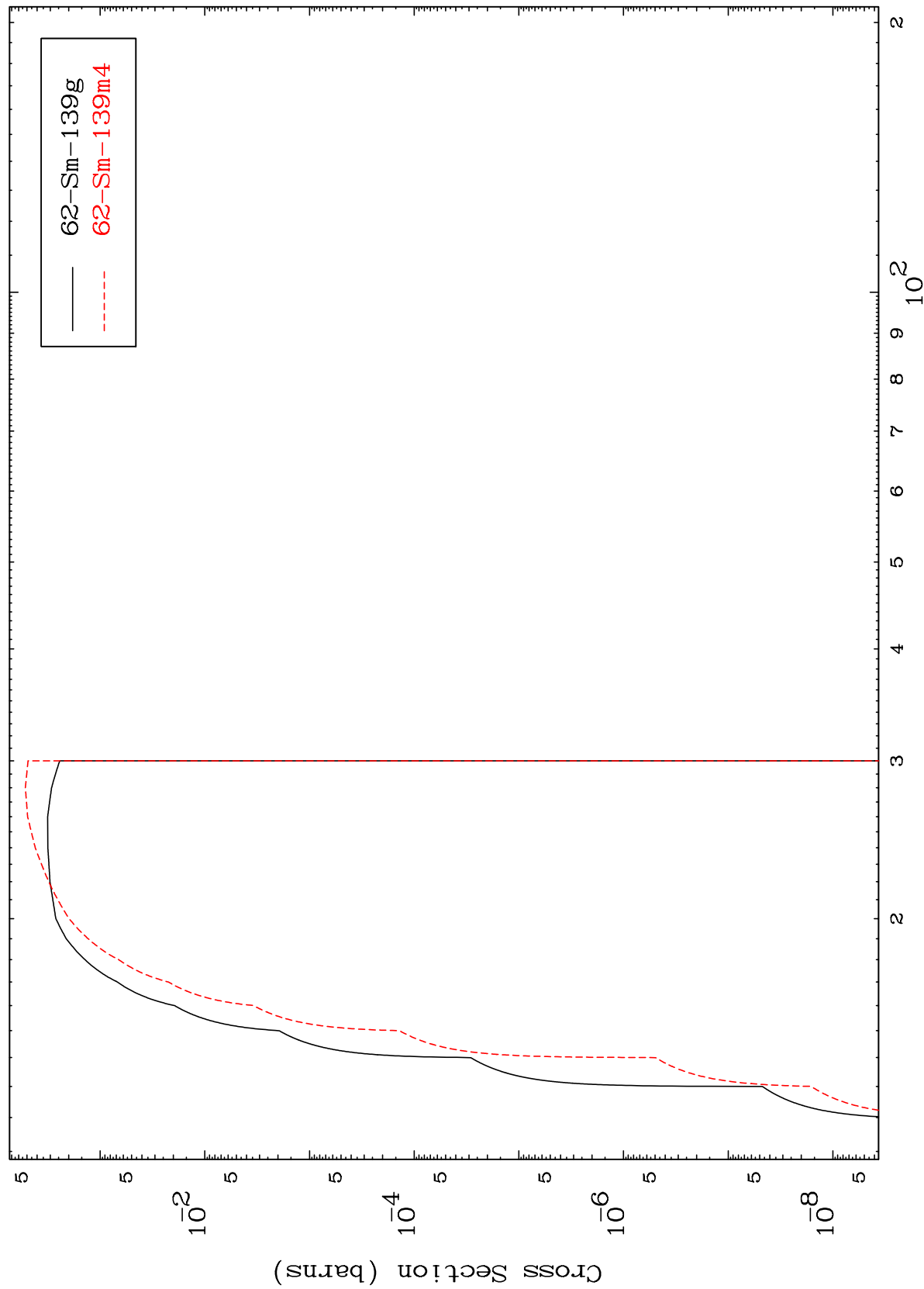
62-Sm-140

MAT 6213

(n,n') p

62-Sm-140

Radionuclide Production Cross Section



14

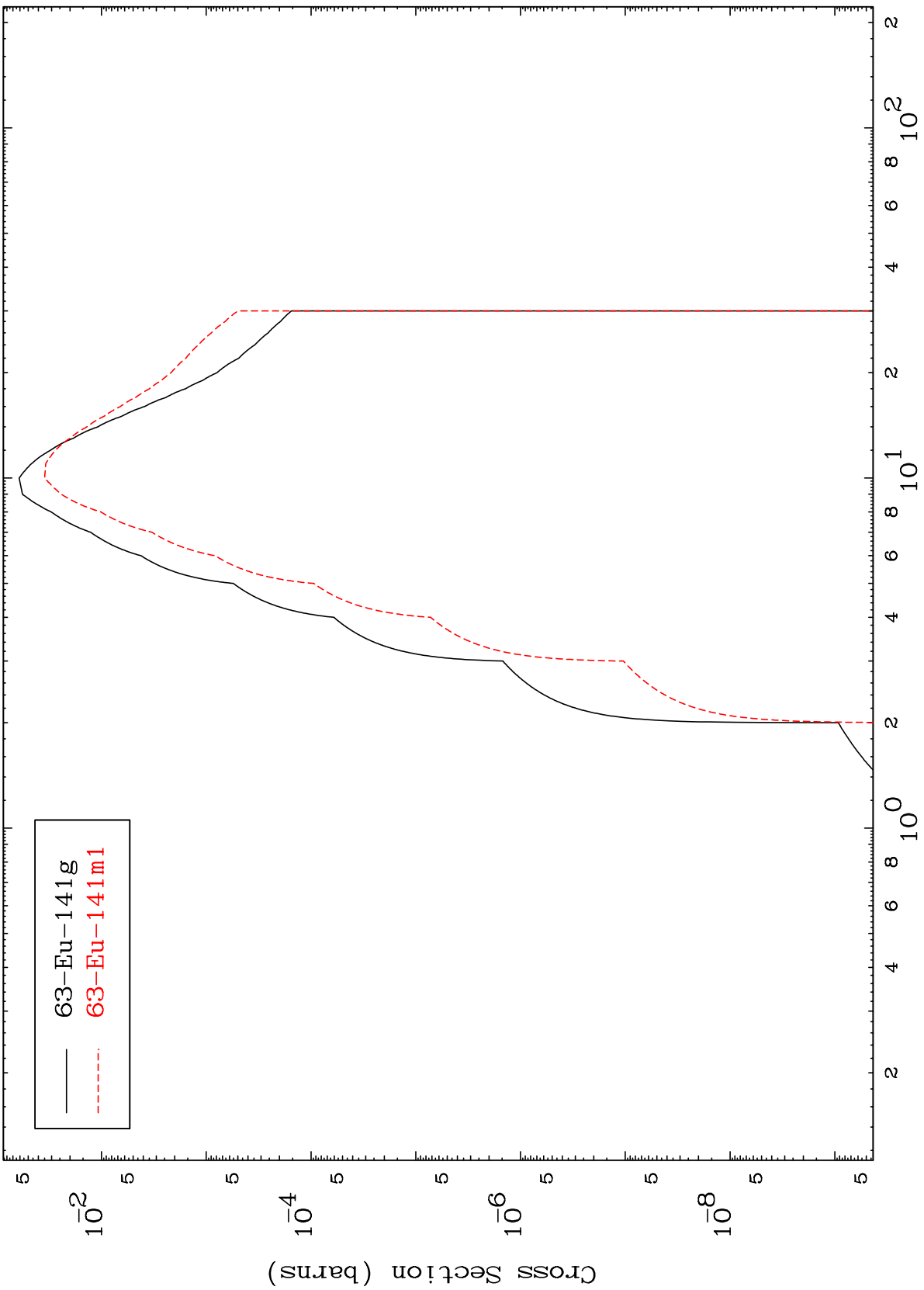
Incident Energy (MeV)

62-Sm-140

MAT 6213

62-Sm-140

(n, γ)
Radionuclide Production Cross Section



— 63-Eu-141g
- - - 63-Eu-141m1

62-Sm-140

Incident Energy (MeV)

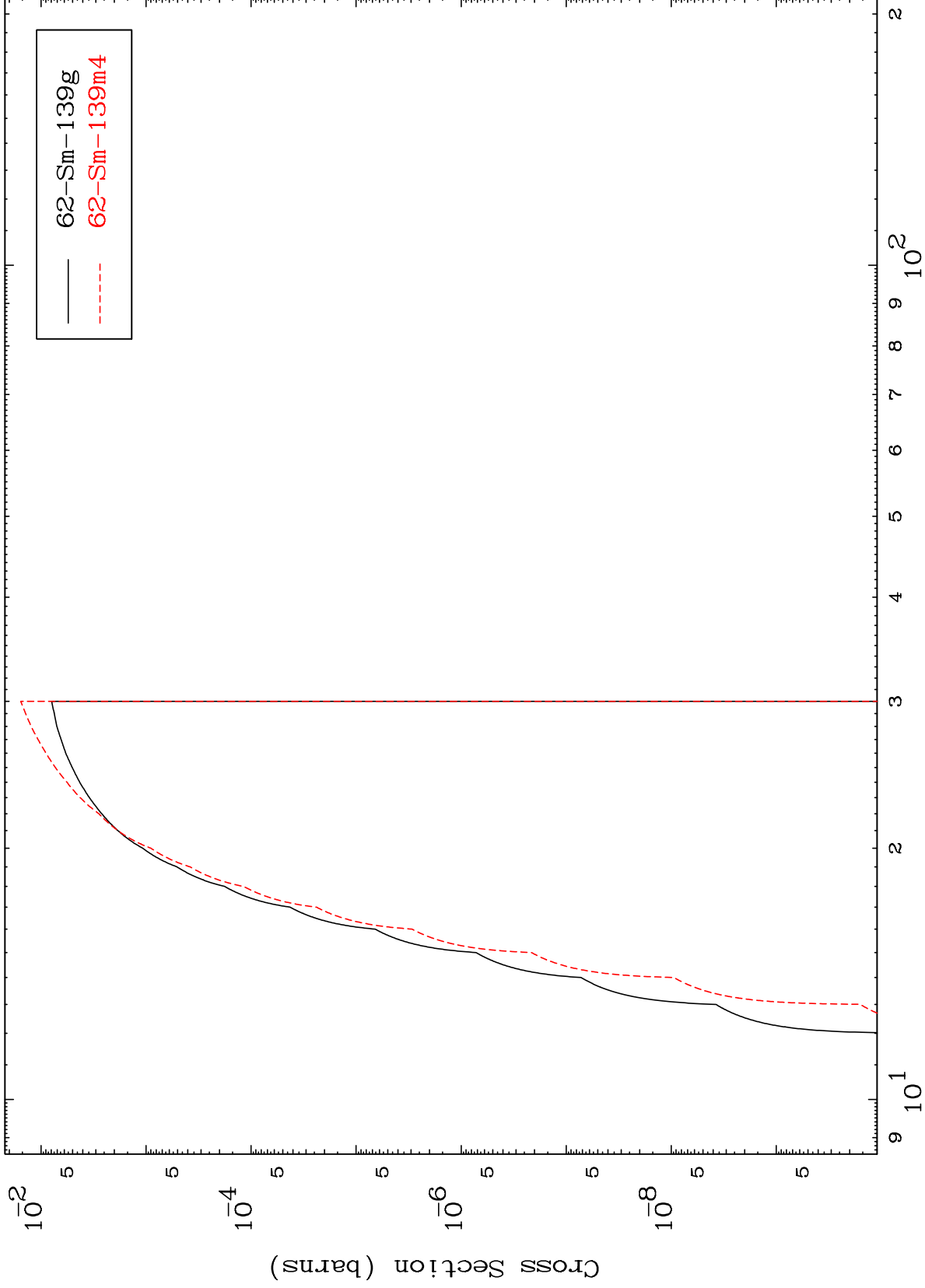
15

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(n,d)

62-Sm-140

Radionuclide Production Cross Section



16

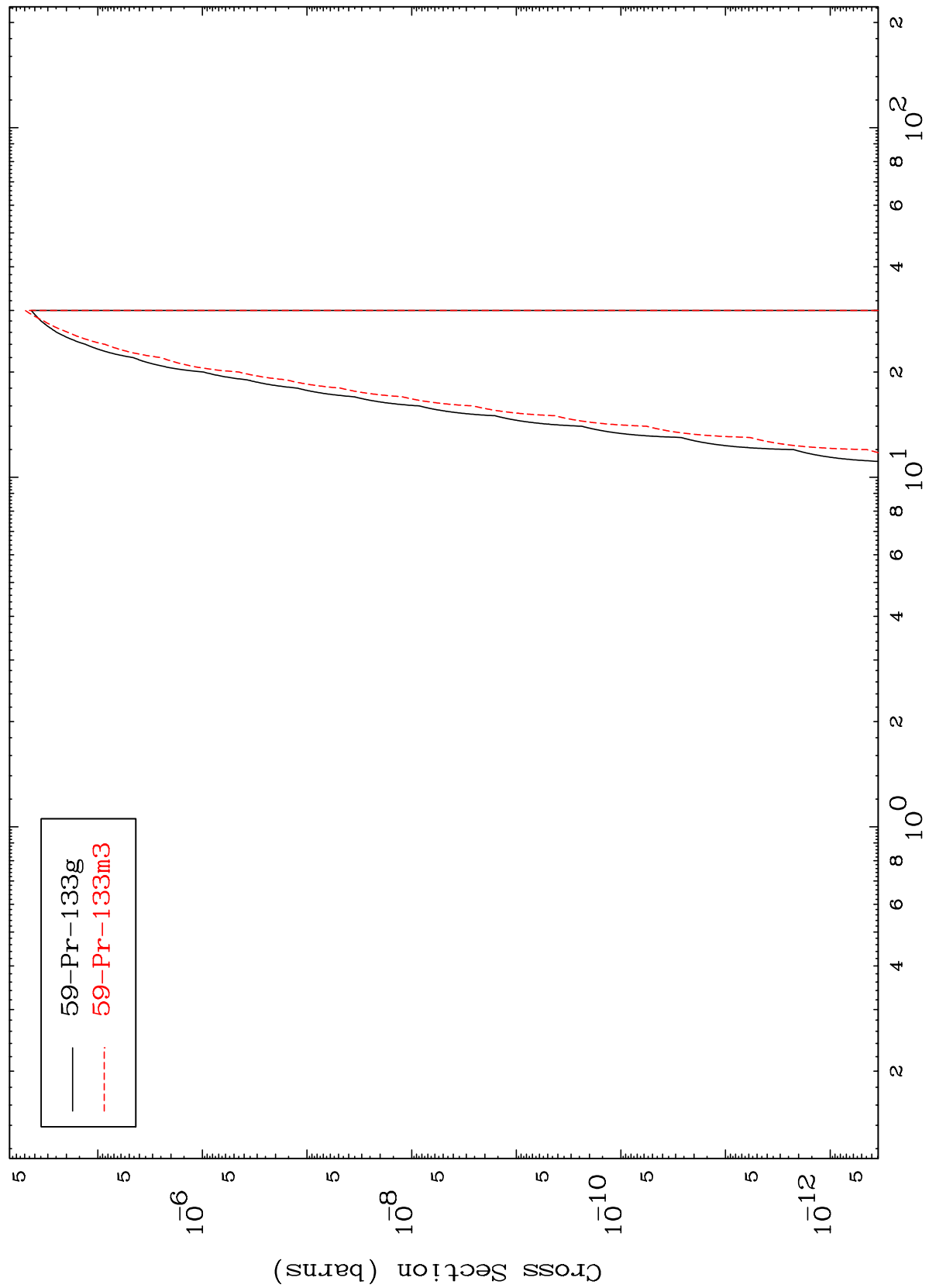
Incident Energy (MeV)

62-Sm-140

MAT 6213

62-Sm-140

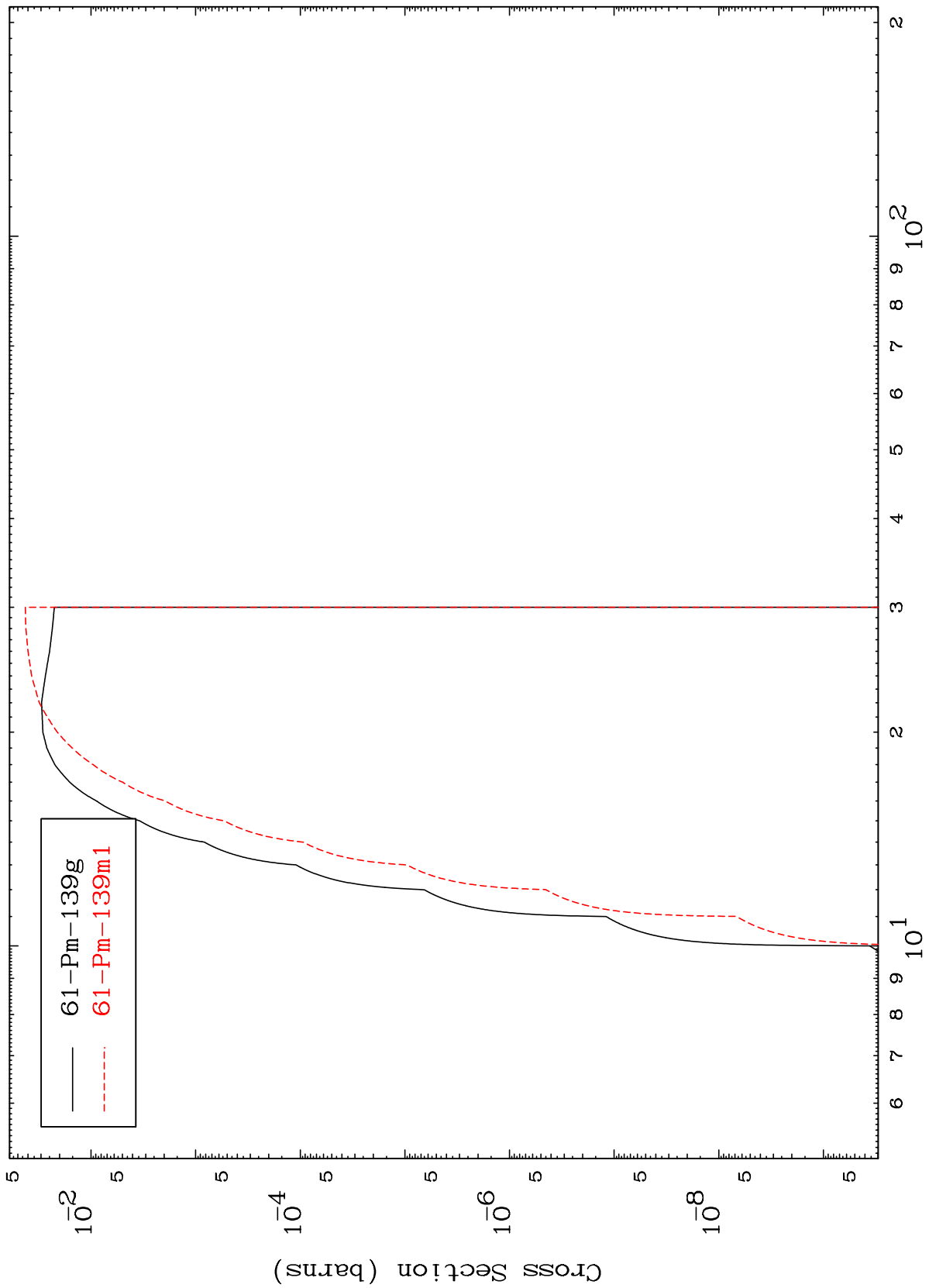
(n,2α)
Radionuclide Production Cross Section



MAT 6213

62-Sm-140

(n,2p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

62-Sm-140