

Program EVALPLOT
(Version 2021-1)

by

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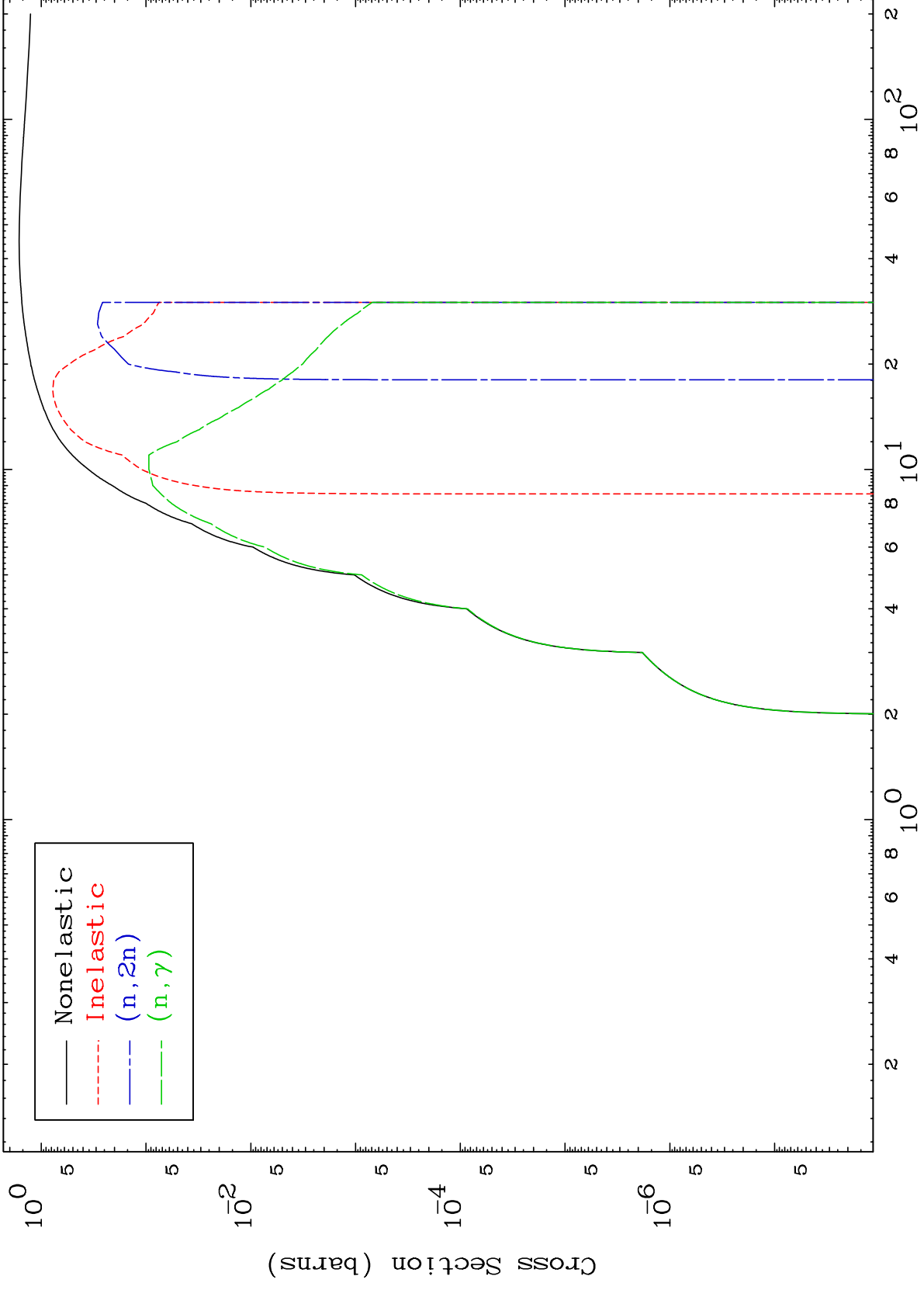
Press Mouse Button to Start

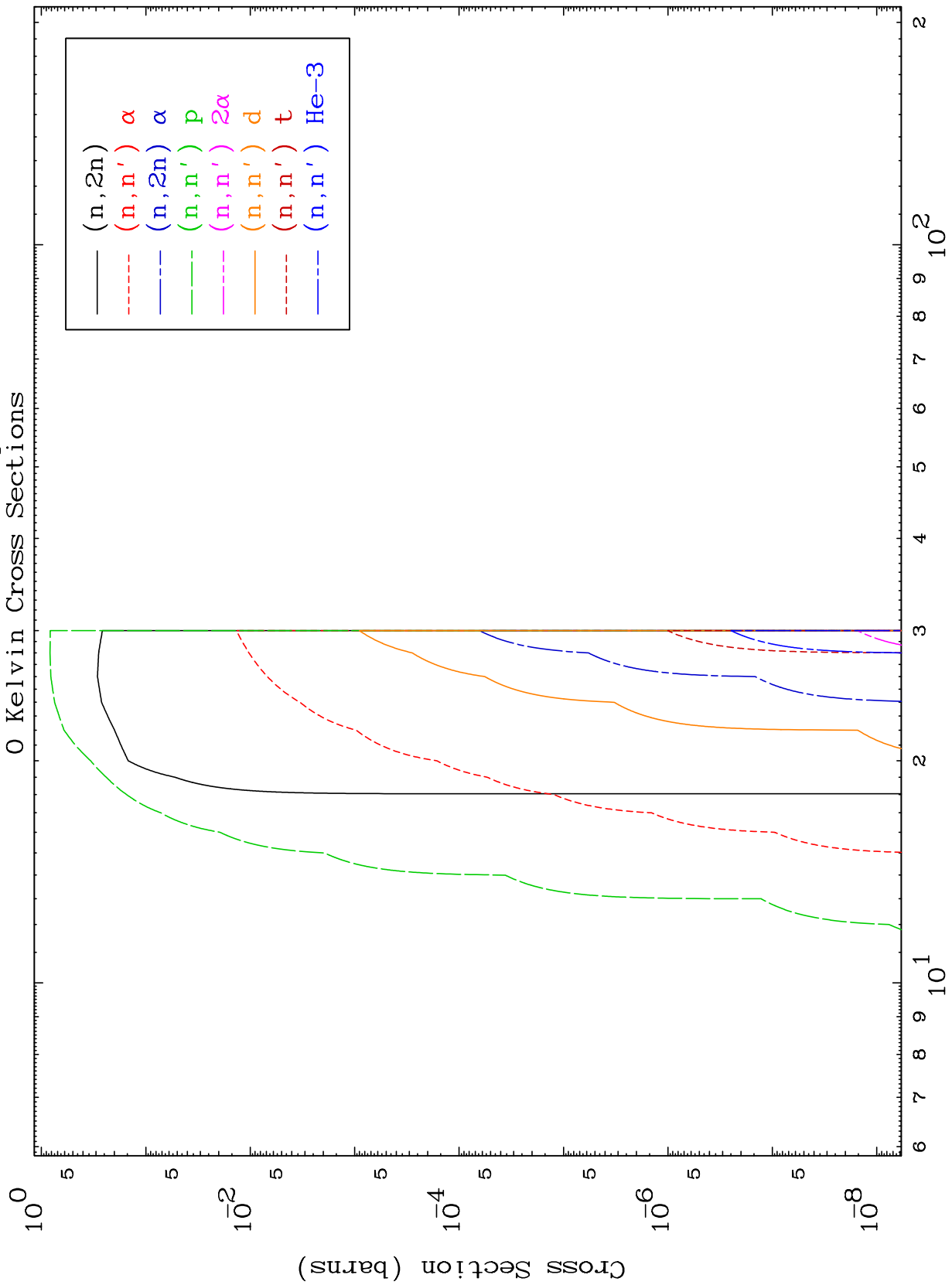
MAT 6219

Proton Major

62-Sm-142

0 Kelvin Cross Sections

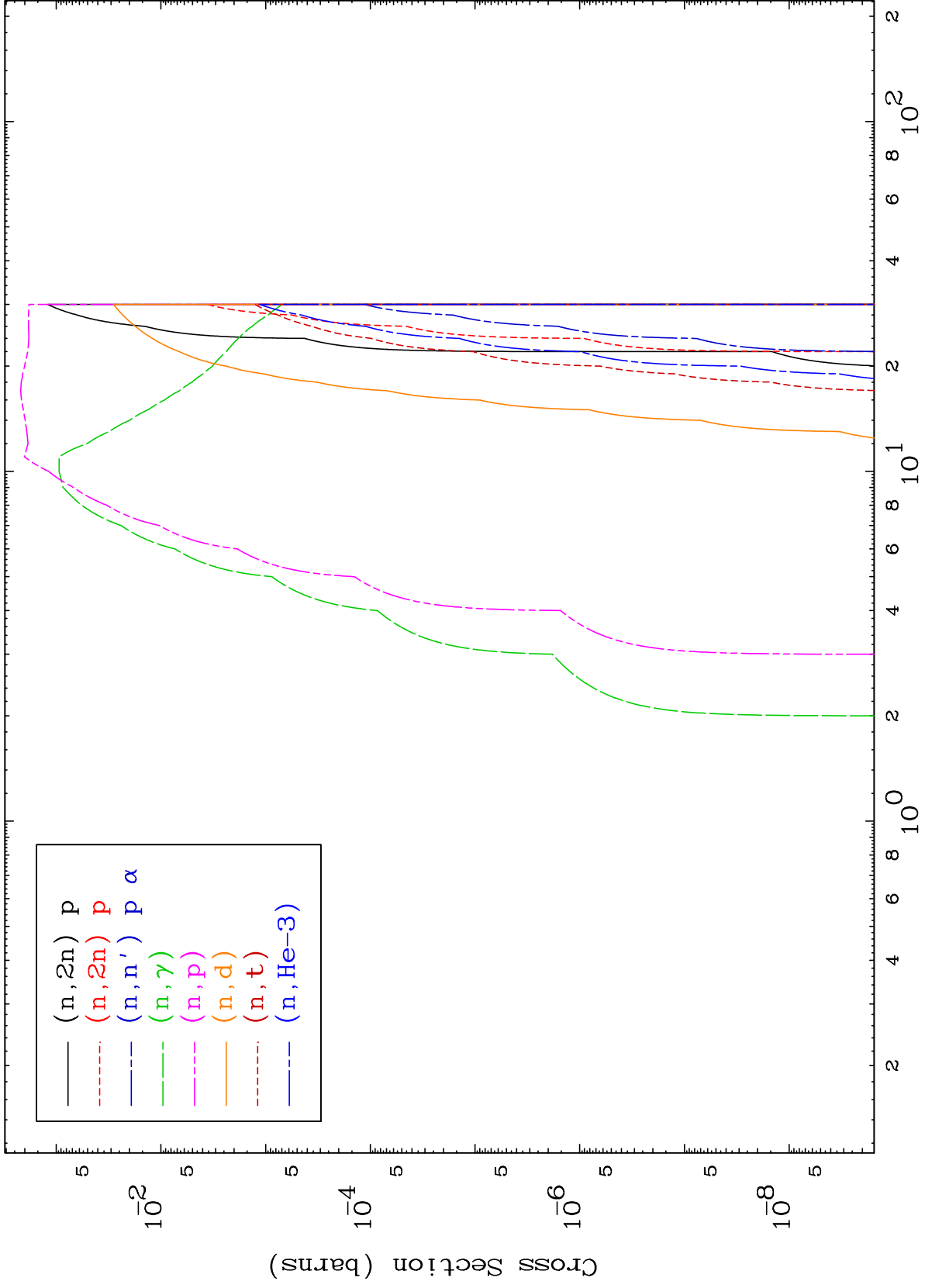




MAT 6219

Proton Neutron Absorption
0 Kelvin Cross Sections

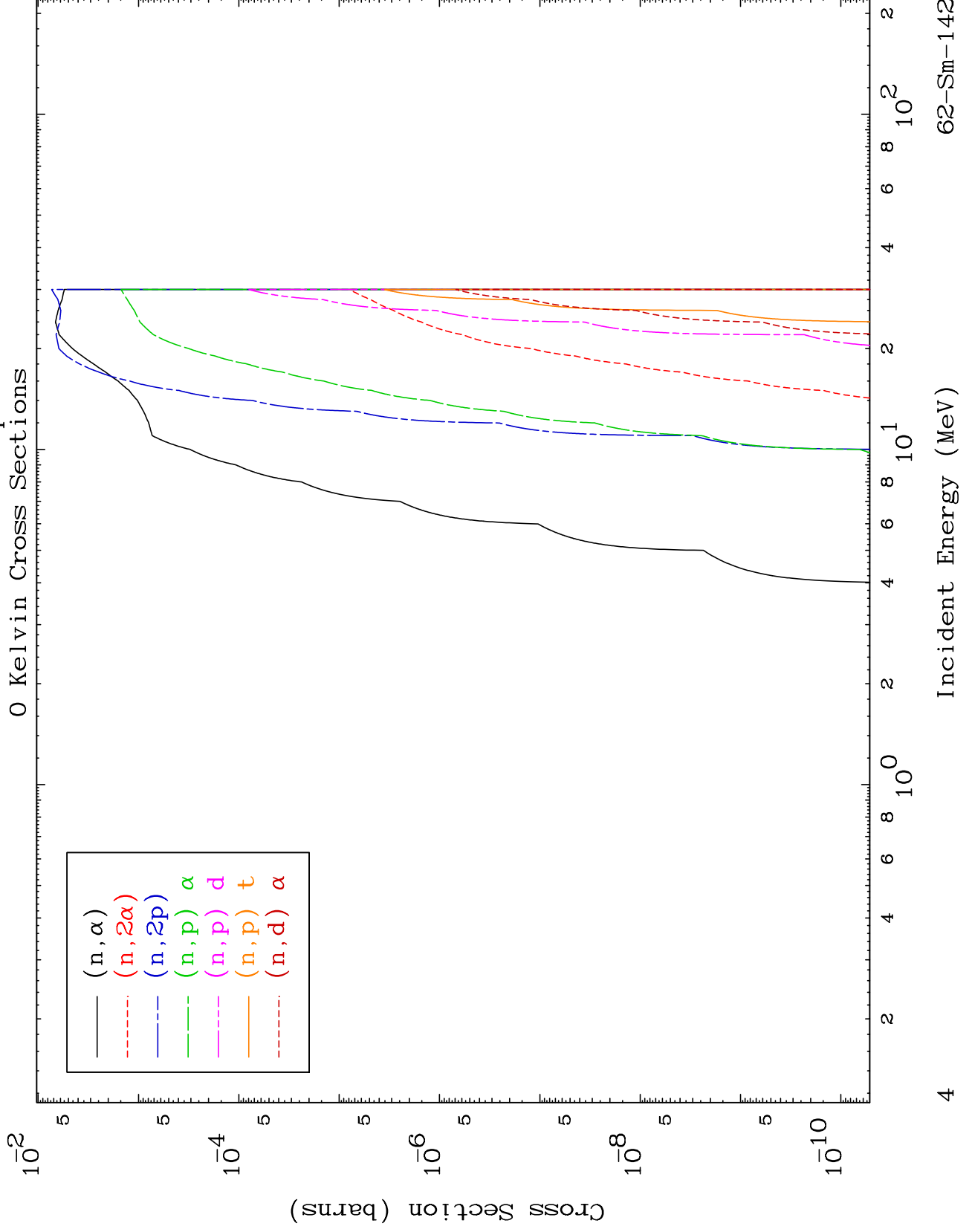
62-Sm-142



MAT 6219

Proton Neutron Absorption
0 Kelvin Cross Sections

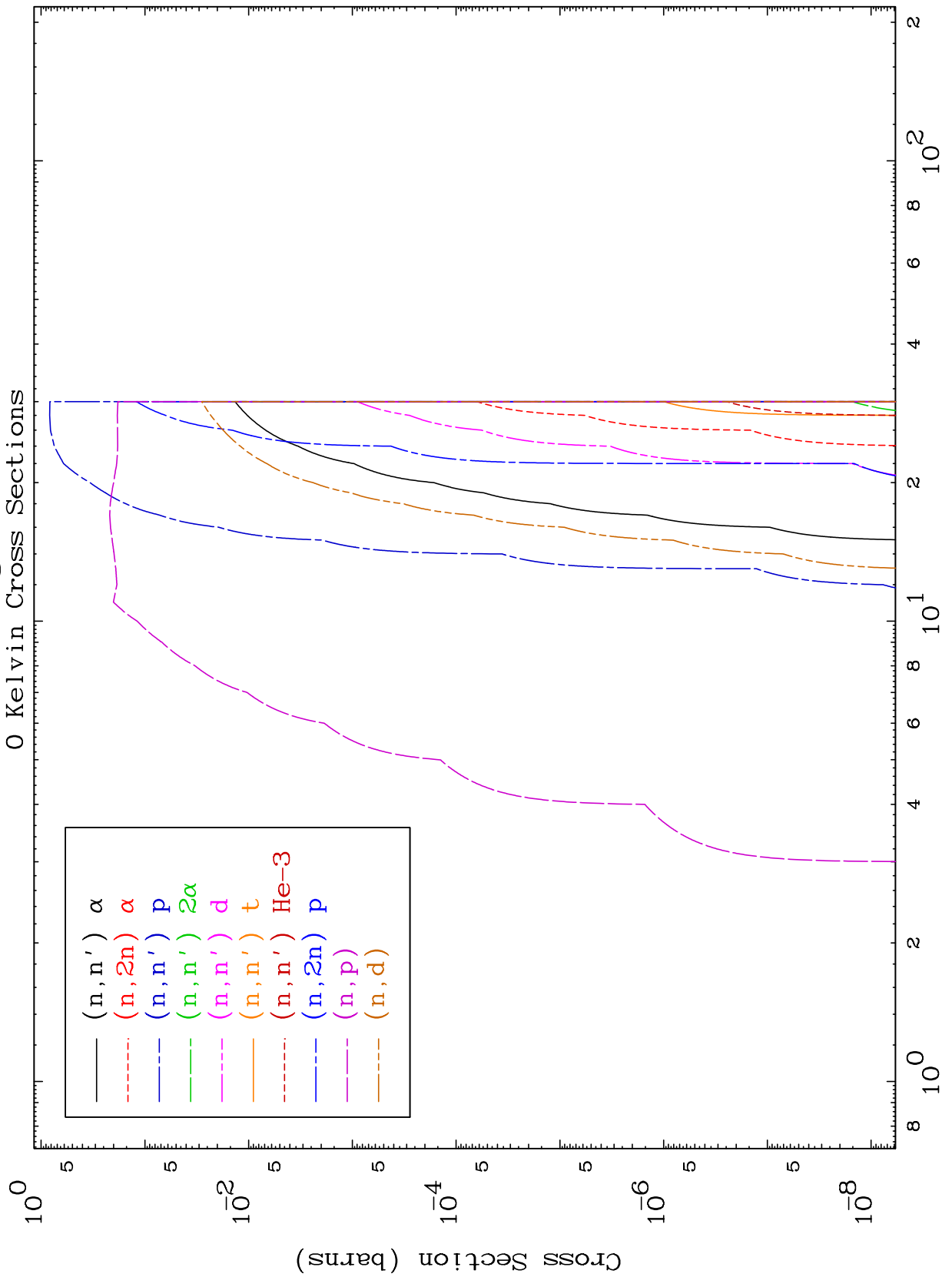
62-Sm-142



MAT 6219

Proton Charged Particle
0 Kelvin Cross Sections

62-Sm-142



5

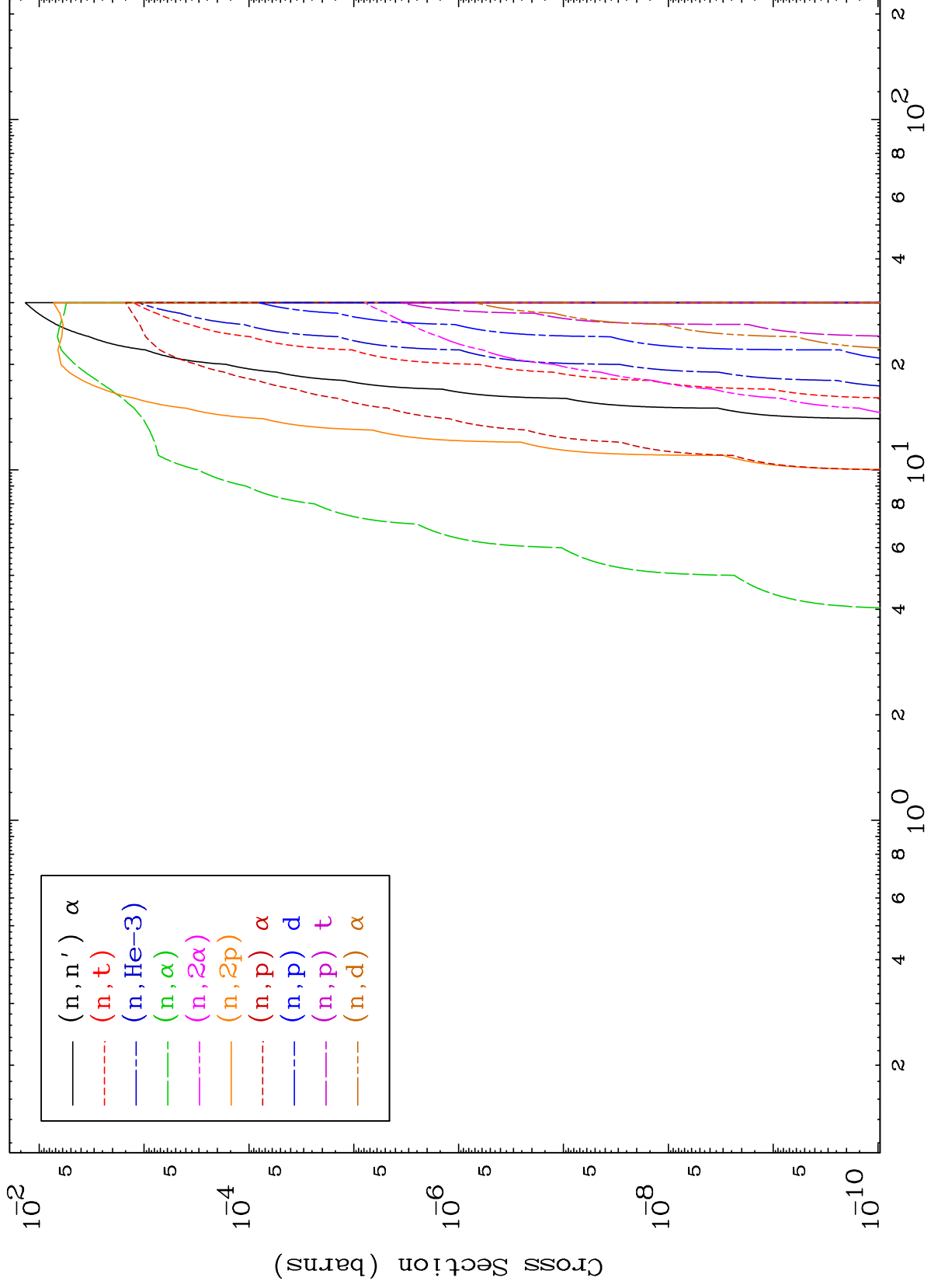
Incident Energy (MeV)

62-Sm-142

MAT 6219

Proton Charged Particle
0 Kelvin Cross Sections

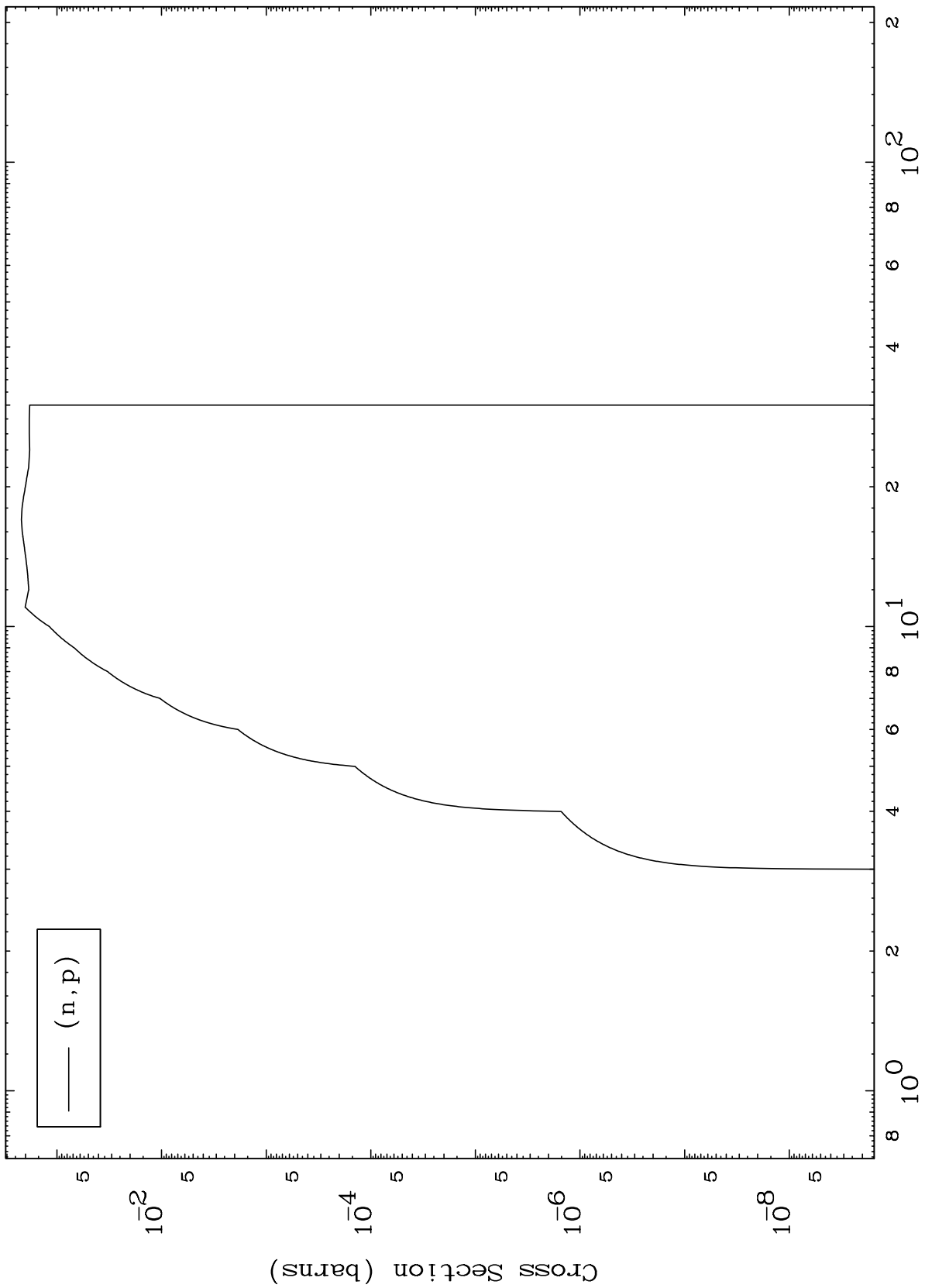
62-Sm-142



MAT 6219

62-Sm-142

(p,p) Levels
0 Kelvin Cross Sections



7

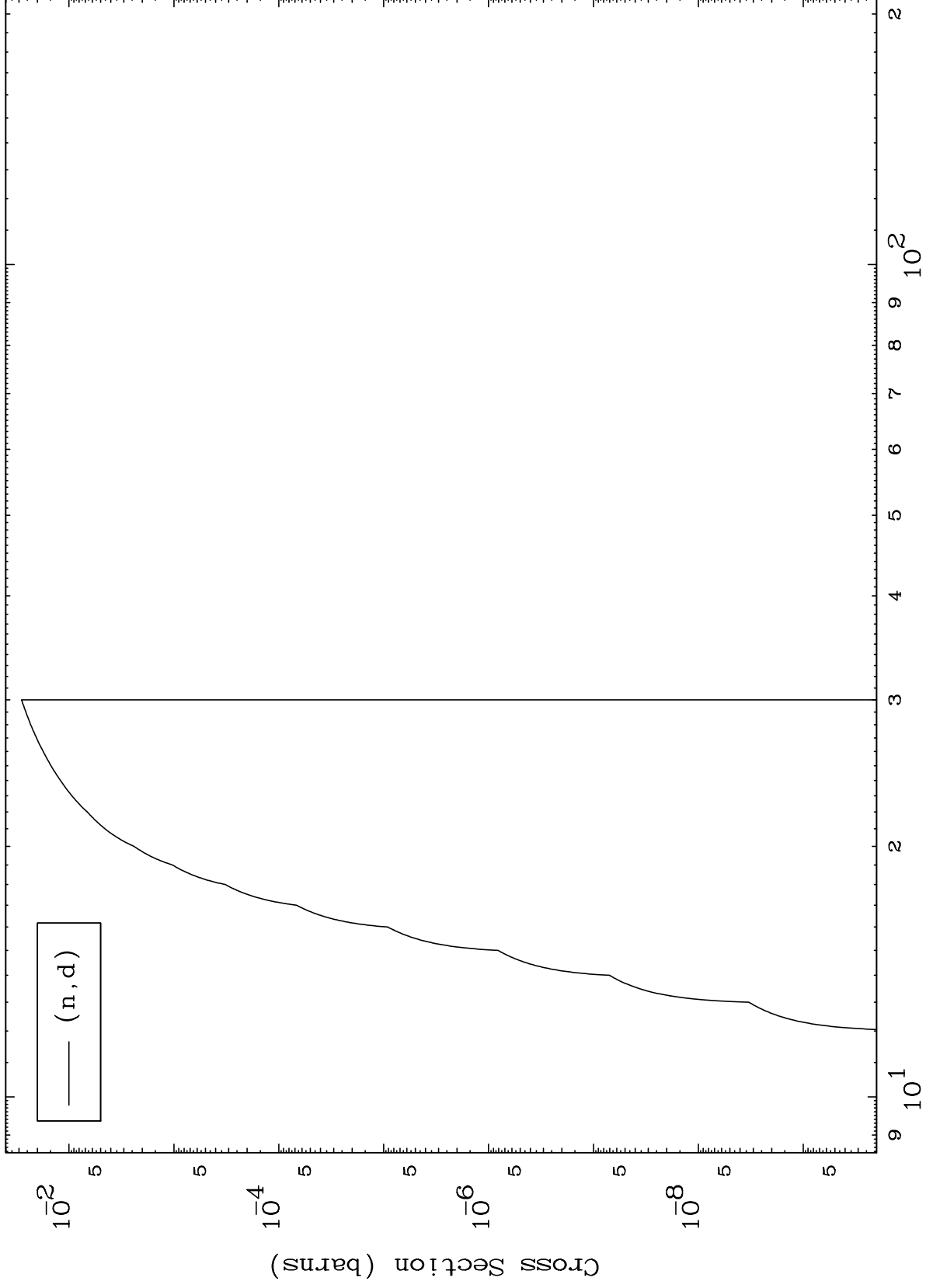
Incident Energy (MeV)

62-Sm-142

MAT 6219

(p,d) Levels
0 Kelvin Cross Sections

62-Sm-142



Incident Energy (MeV)

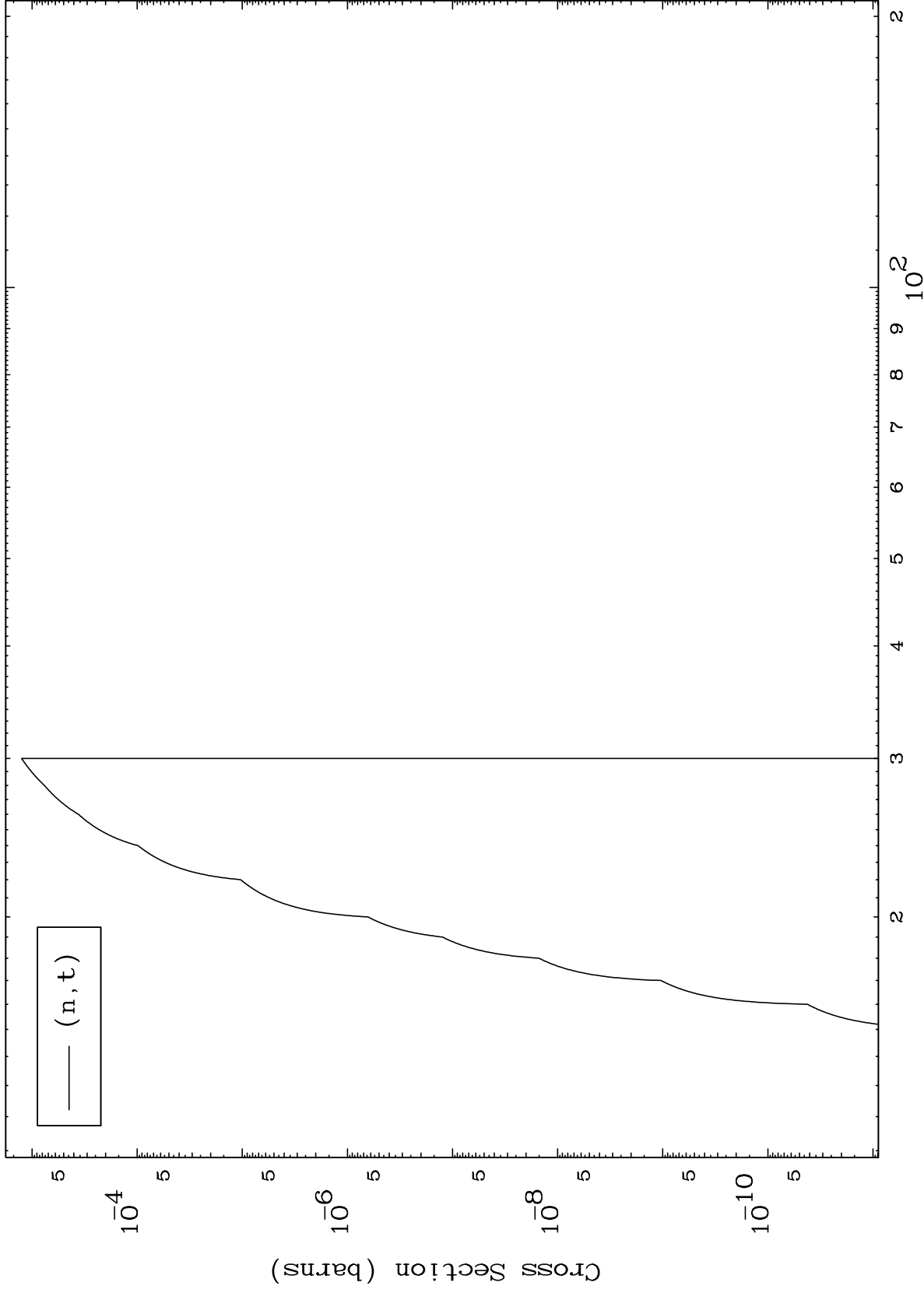
62-Sm-142

8

MAT 6219

(p,t) Levels
0 Kelvin Cross Sections

62-Sm-142



9

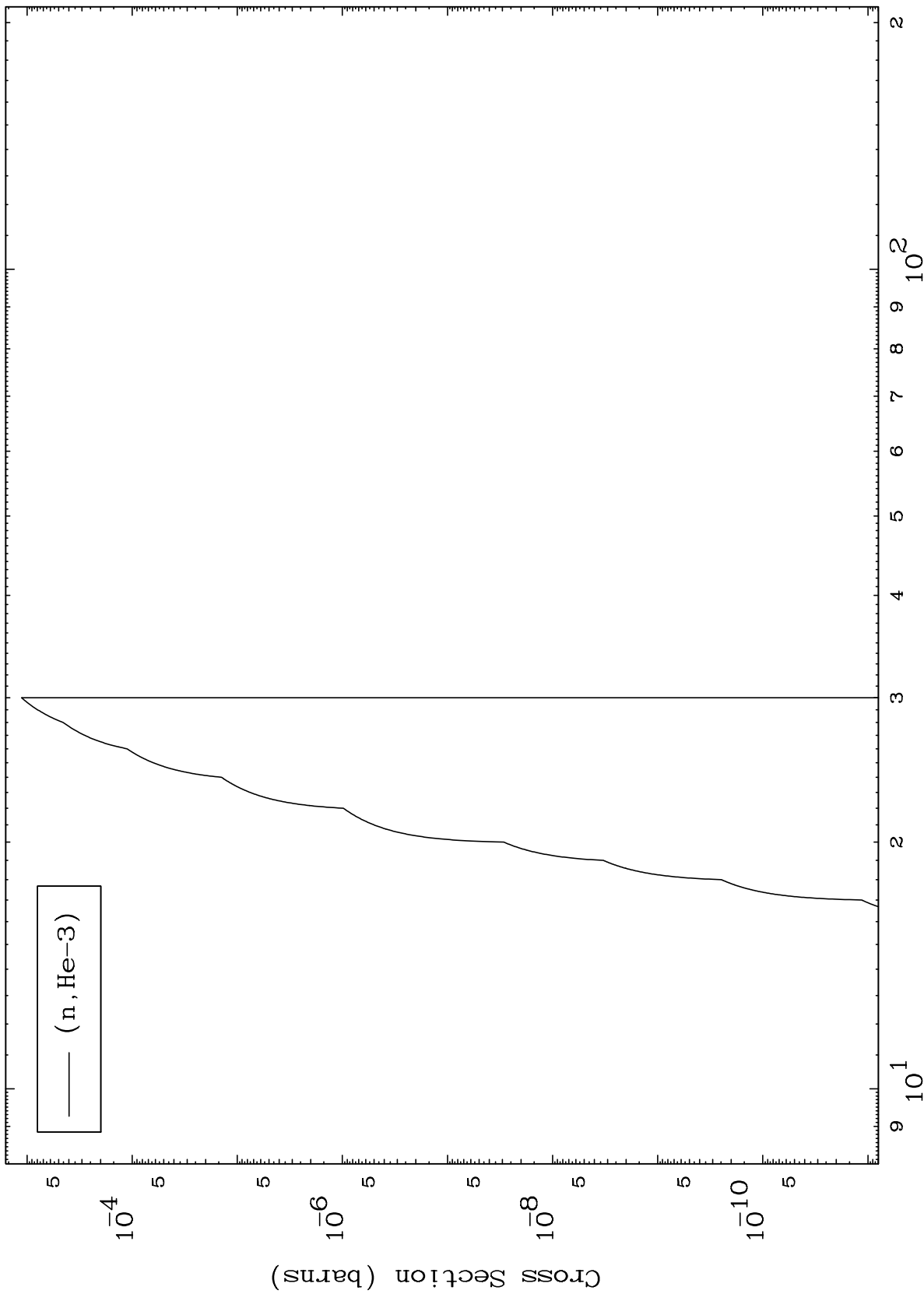
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

(p,He3) Levels
0 Kelvin Cross Sections



62-Sm-142

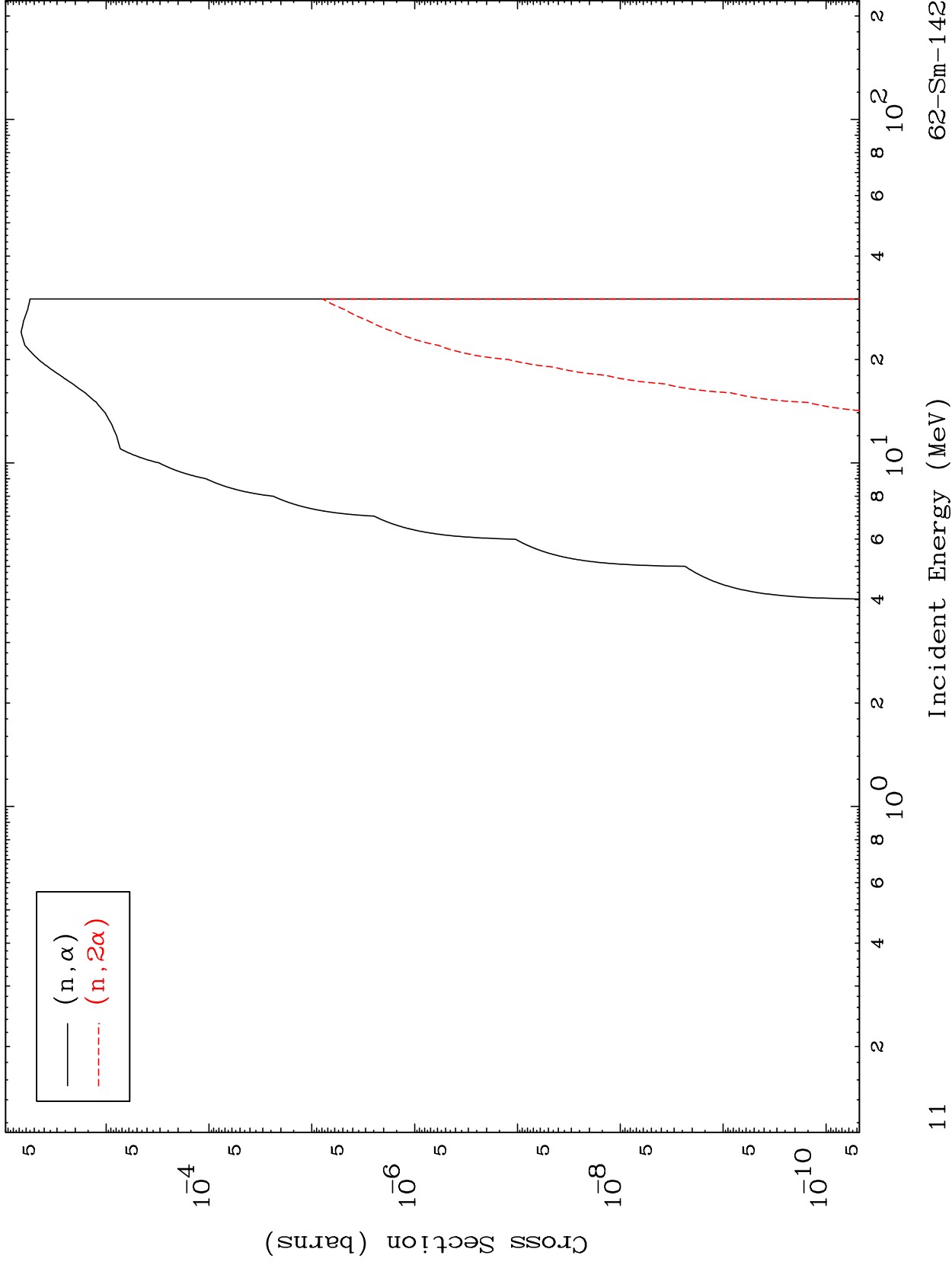
Incident Energy (MeV)

10

MAT 6219

(p, α) Levels
0 Kelvin Cross Sections

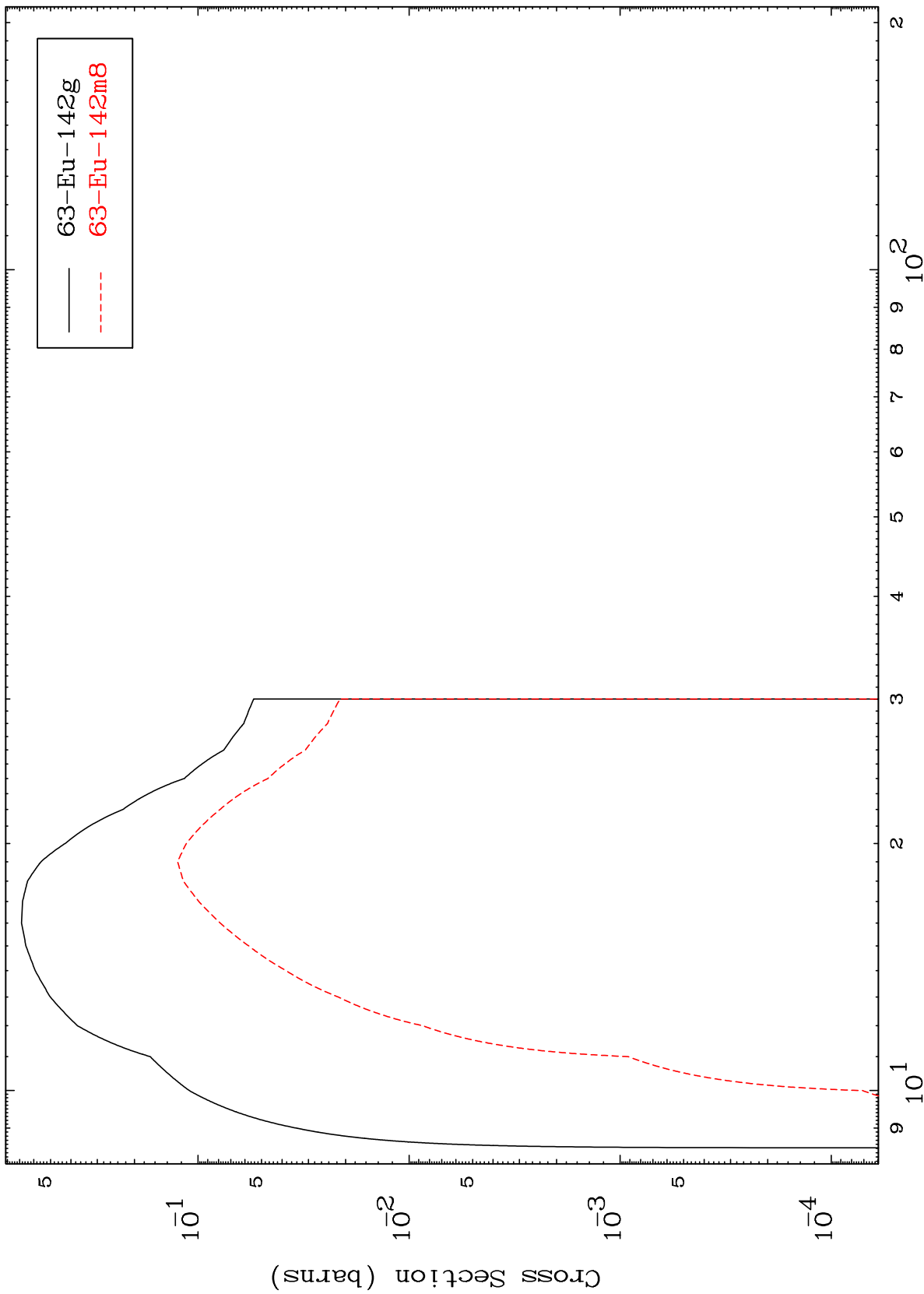
62-Sm-142



MAT 6219

62-Sm-142

Inelastic
Radionuclide Production Cross Section



62-Sm-142

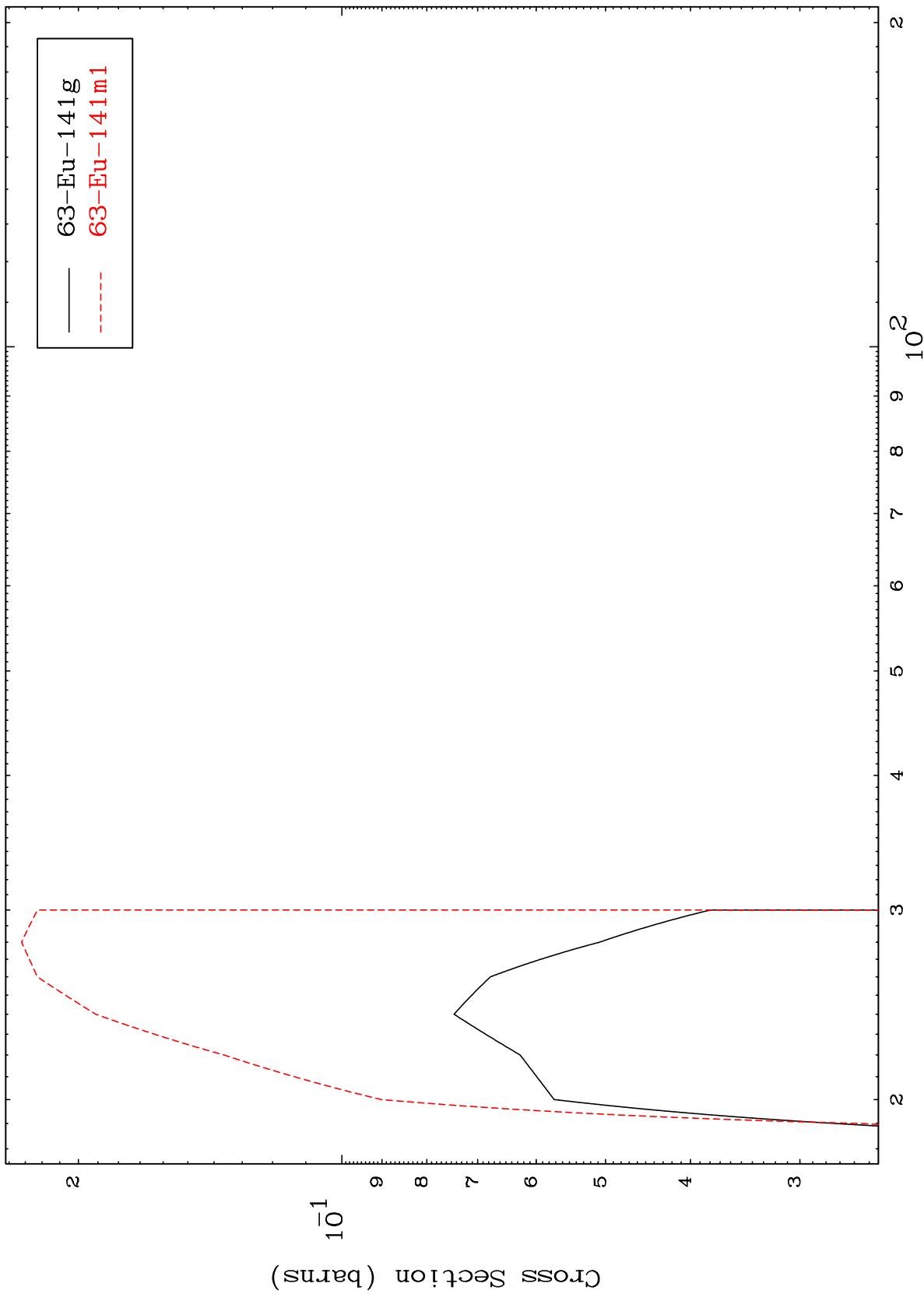
Incident Energy (MeV)

12

MAT 6219

62-Sm-142

(n,2n)
Radionuclide Production Cross Section



63-Eu-141g
63-Eu-141m1

62-Sm-142

Incident Energy (MeV)

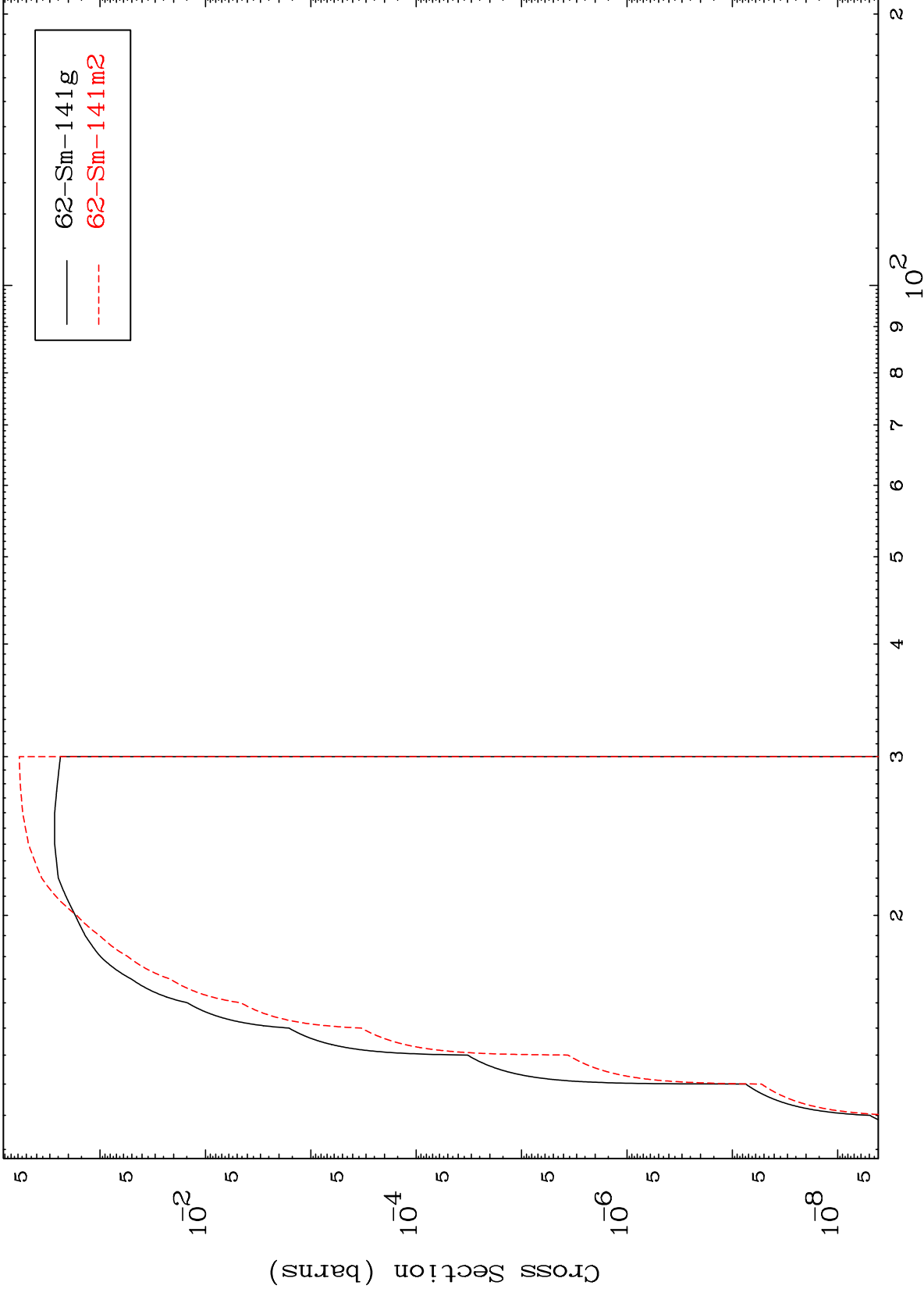
13

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(n,n') p

62-Sm-142

Radionuclide Production Cross Section



14

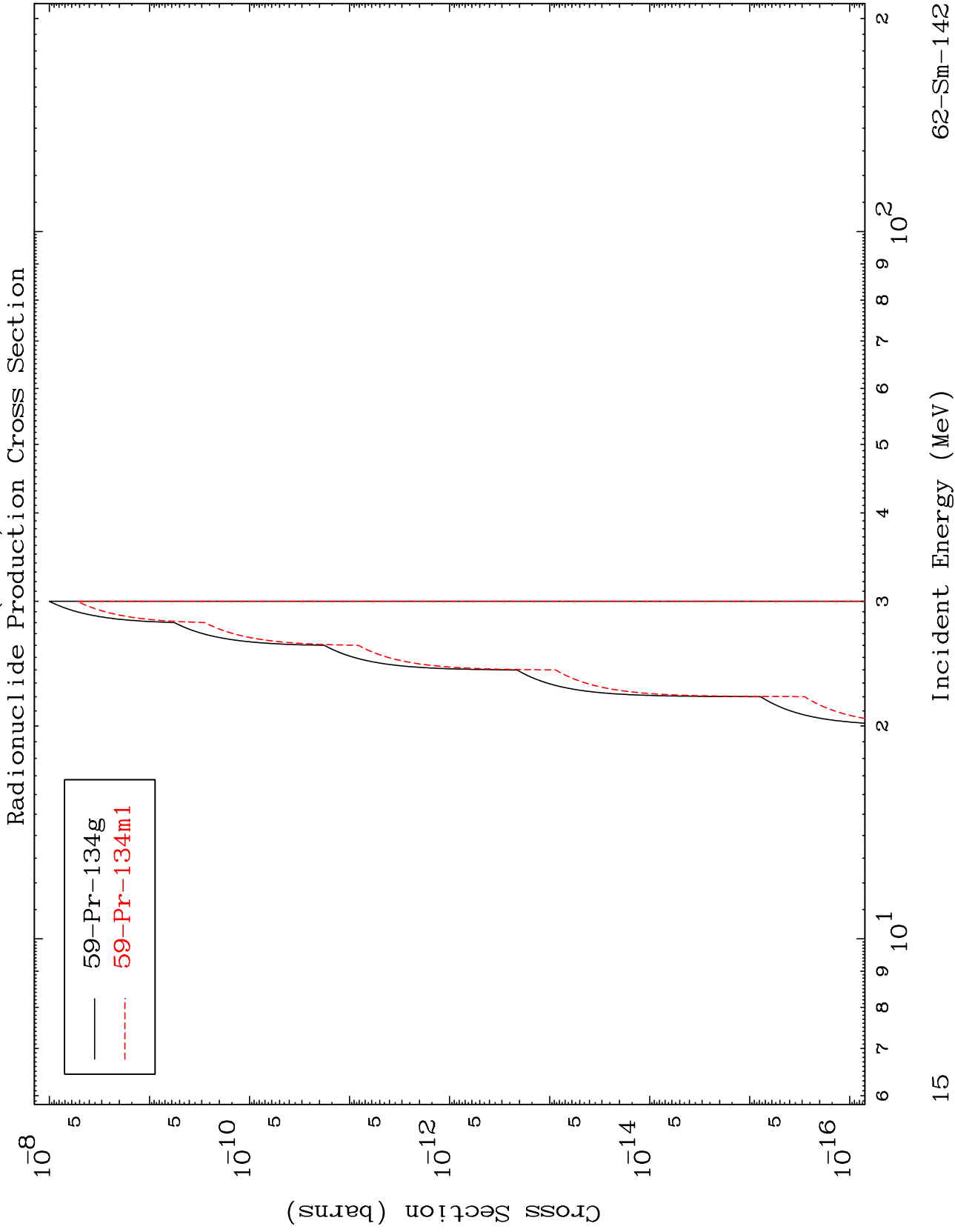
Incident Energy (MeV)

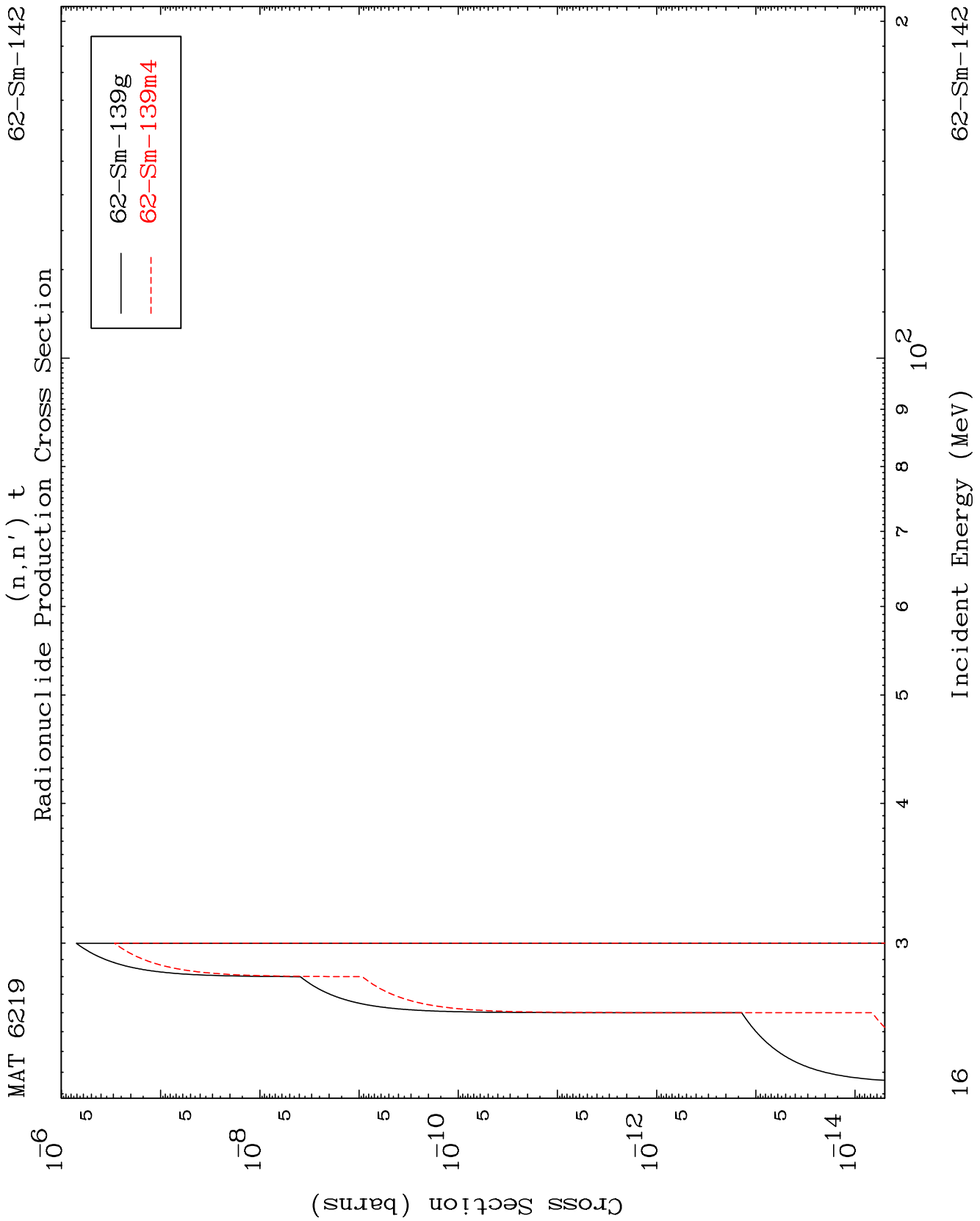
62-Sm-142

MAT 6219

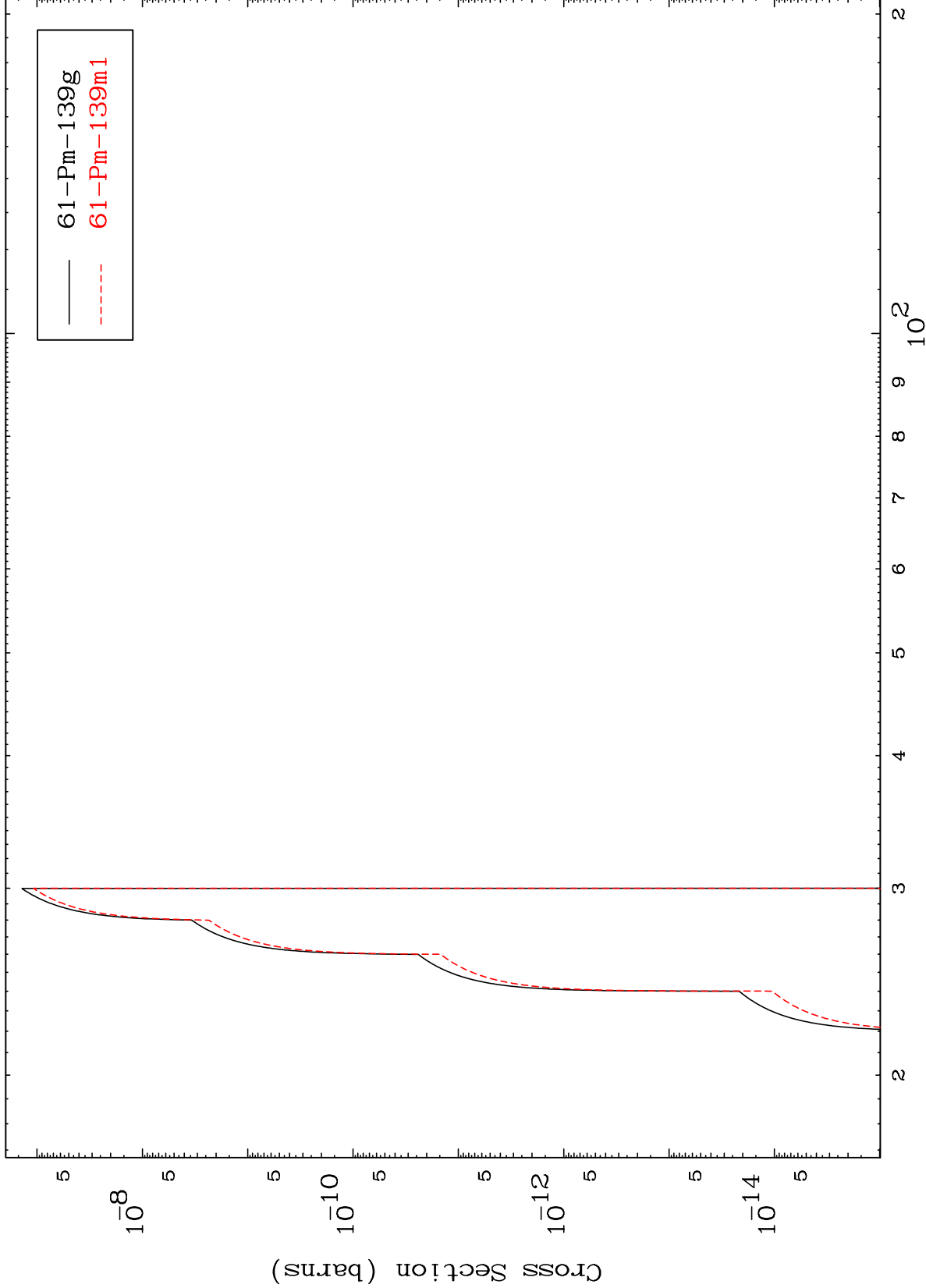
(n,n') 2α

62-Sm-142





Radionuclide Production Cross Section

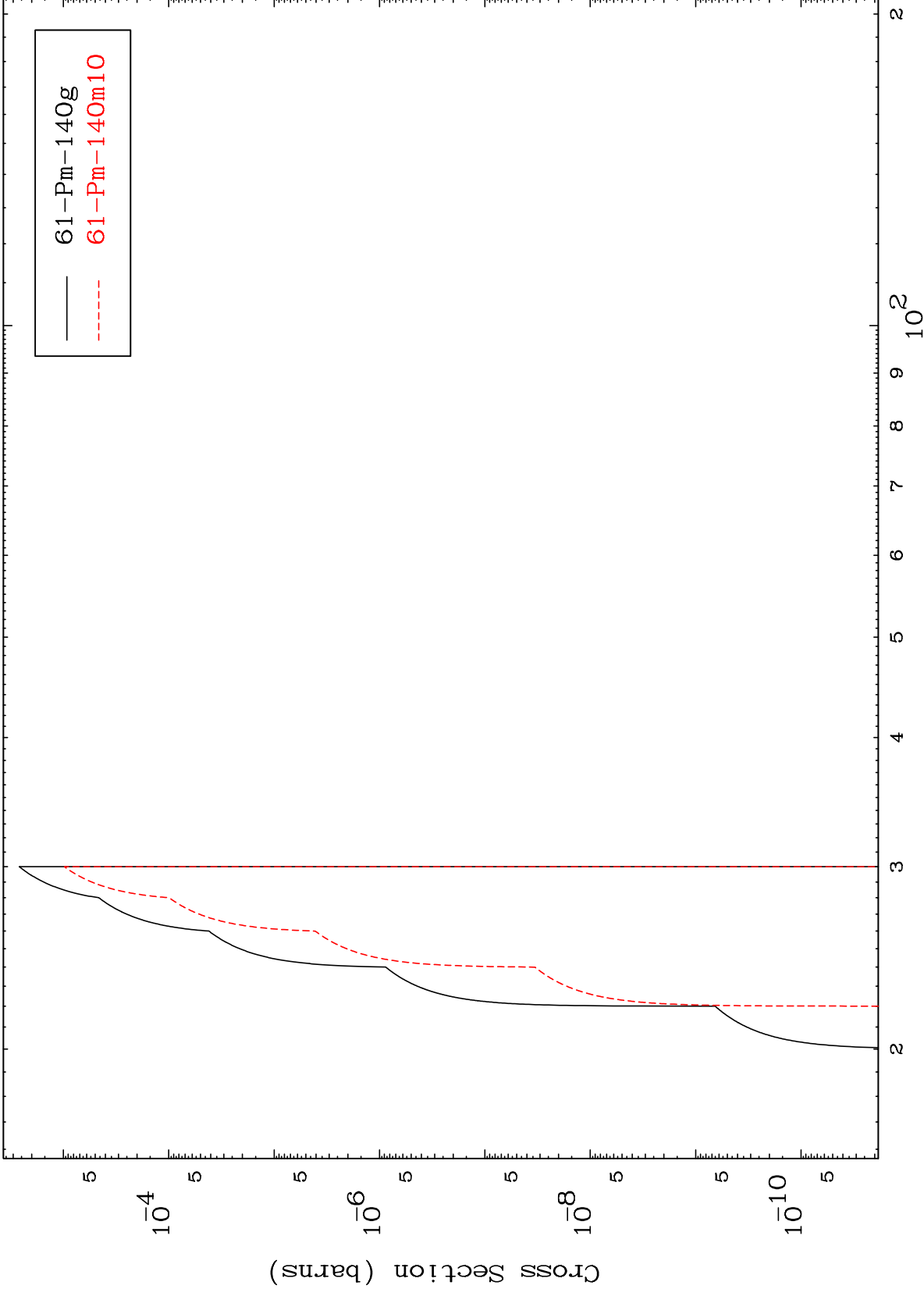


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(n,2n) p

62-Sm-142

Radionuclide Production Cross Section



18

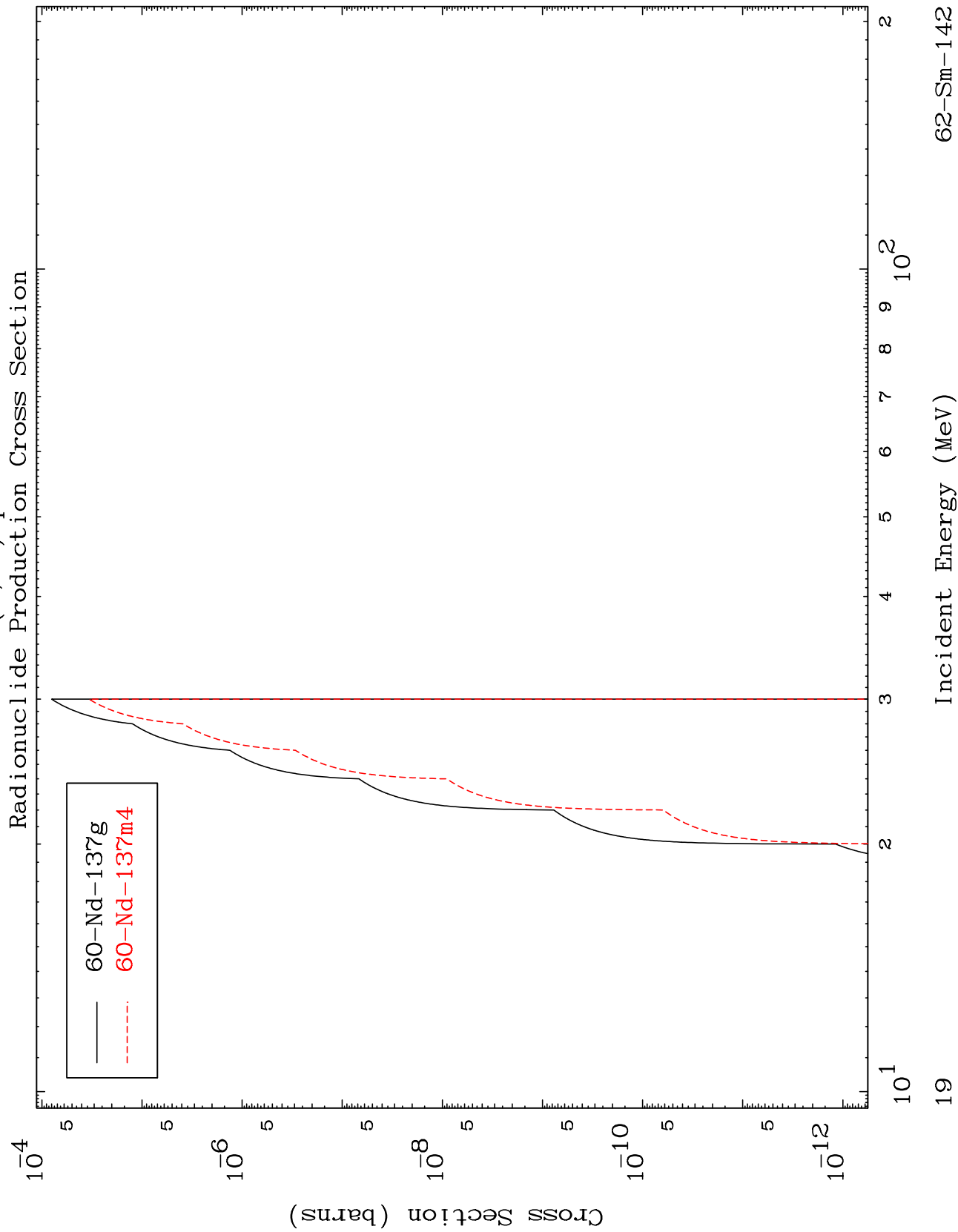
Incident Energy (MeV)

62-Sm-142

MAT 6219

(n,n') p α

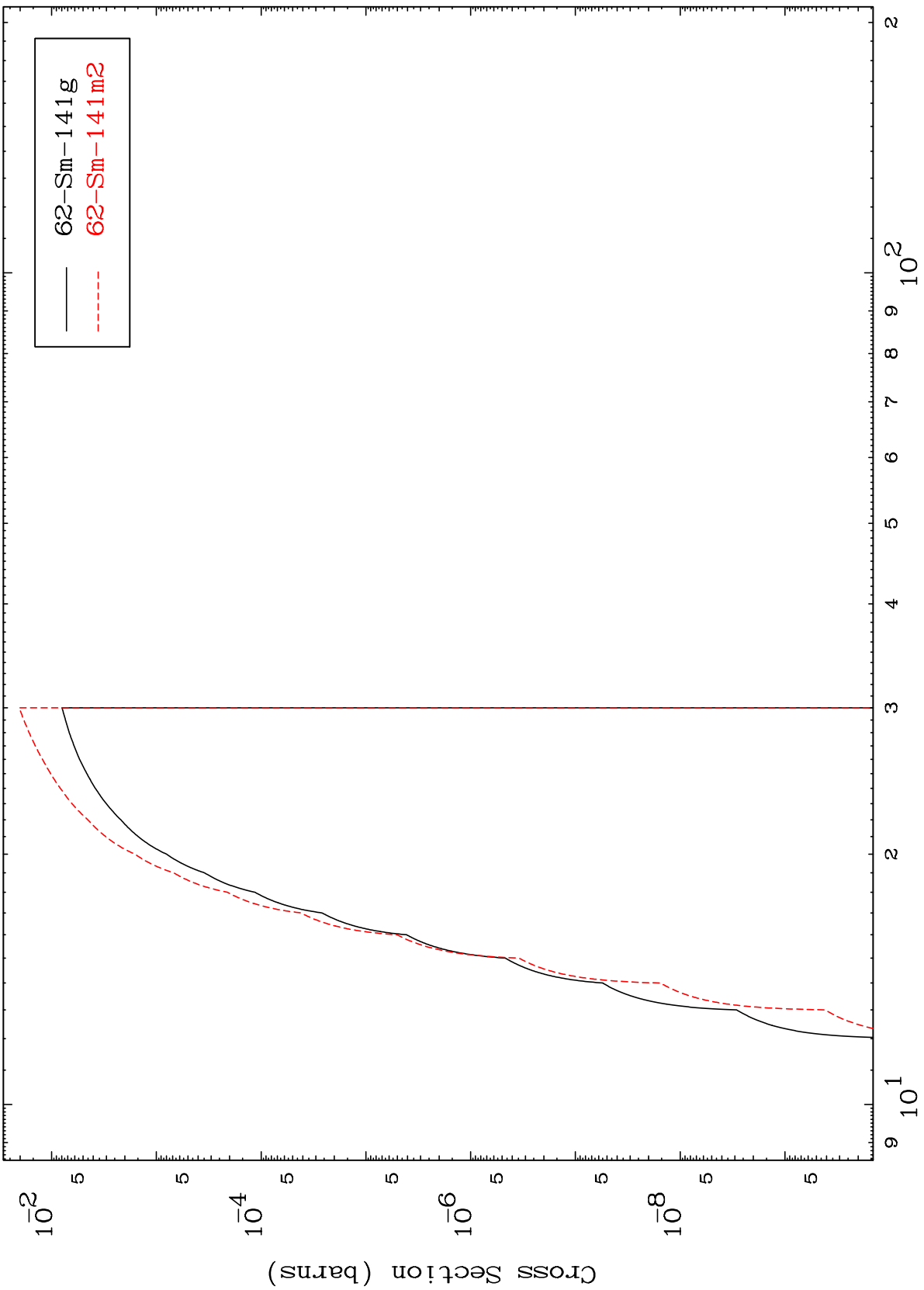
62-Sm-142



MAT 6219

62-Sm-142

(n,d)
Radionuclide Production Cross Section



62-Sm-142

Incident Energy (MeV)

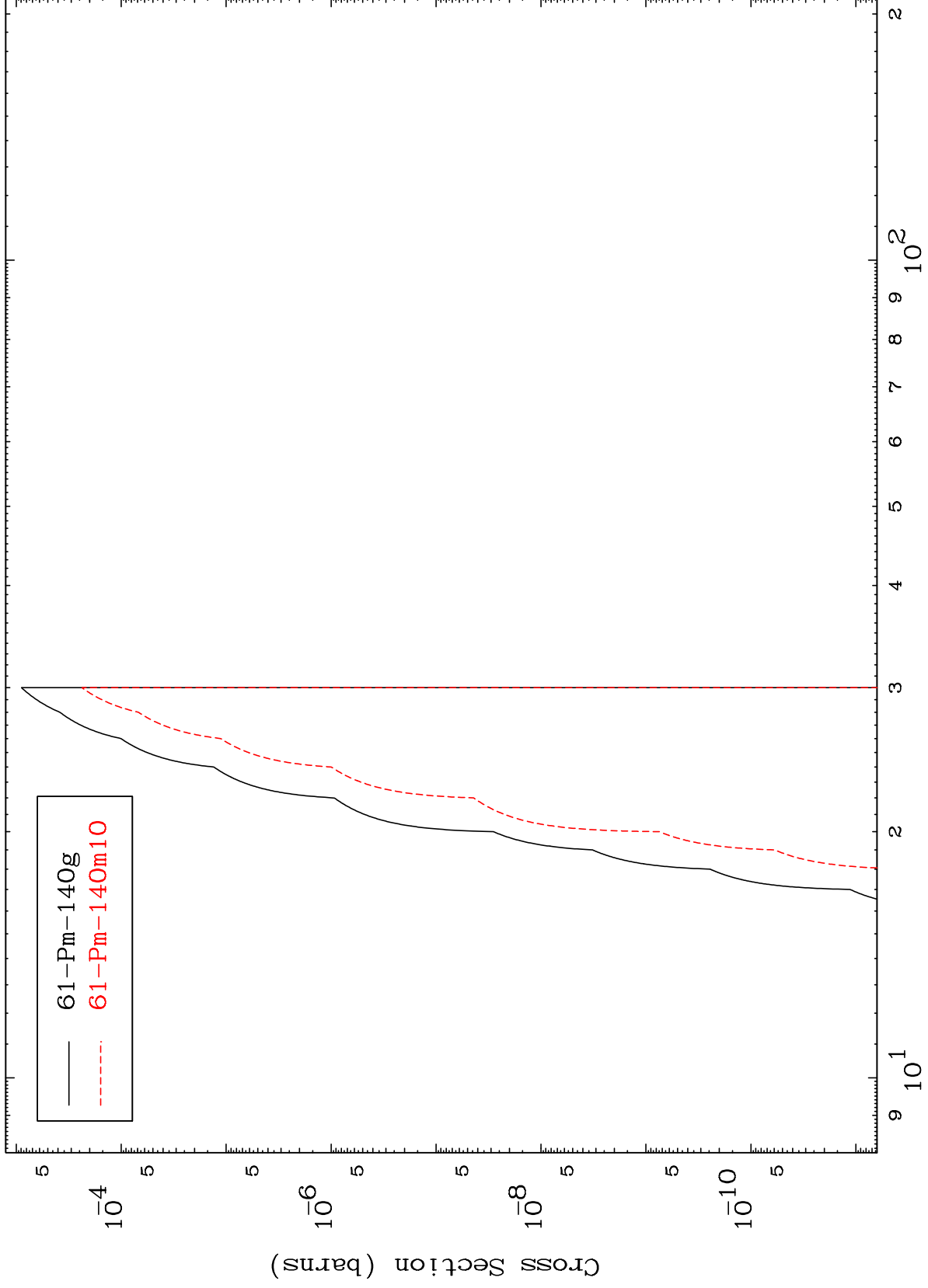
20

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(n,He-3)

62-Sm-142

Radionuclide Production Cross Section



21

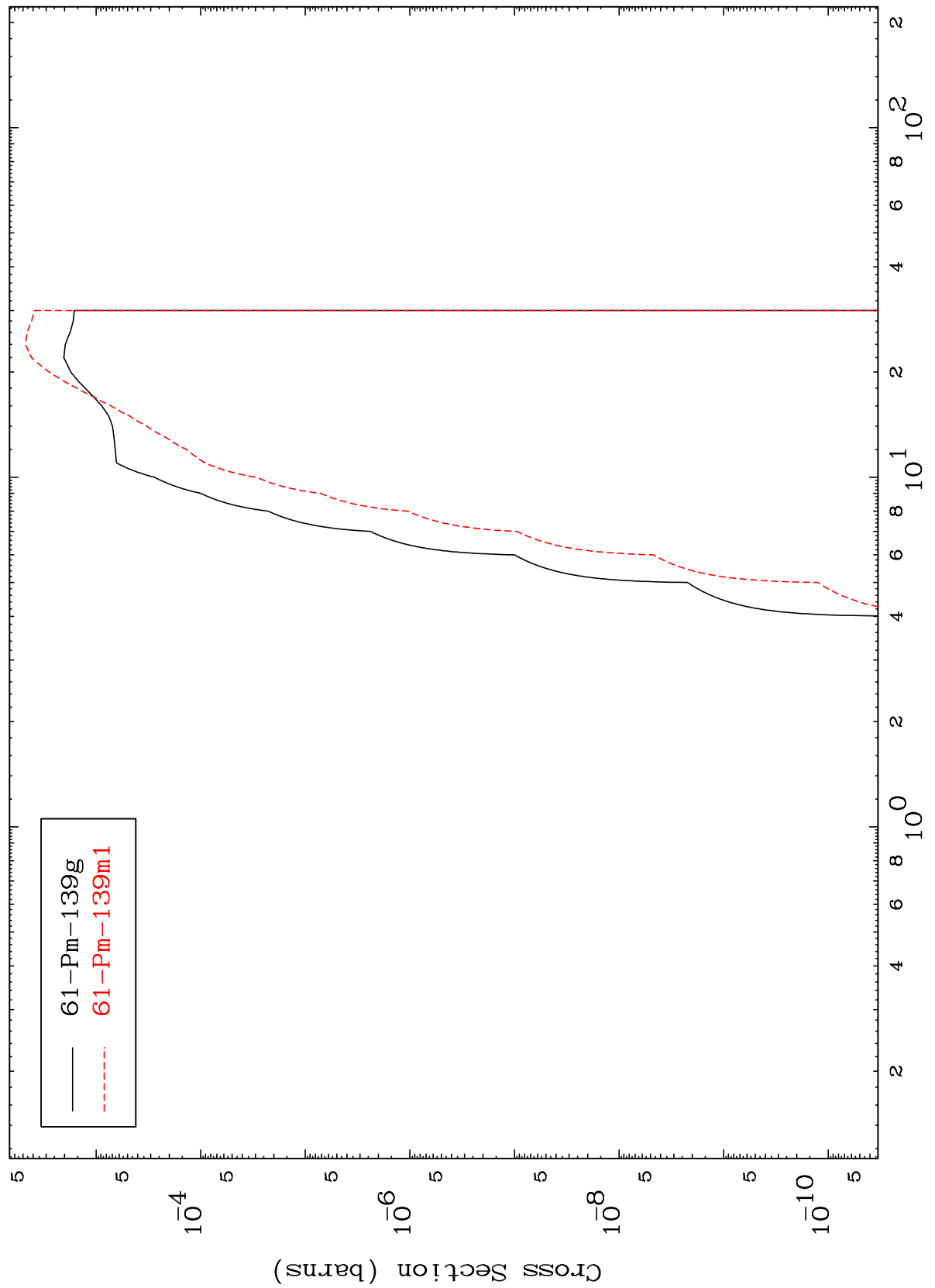
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

Radionuclide Production Cross Section
(n, α)



22

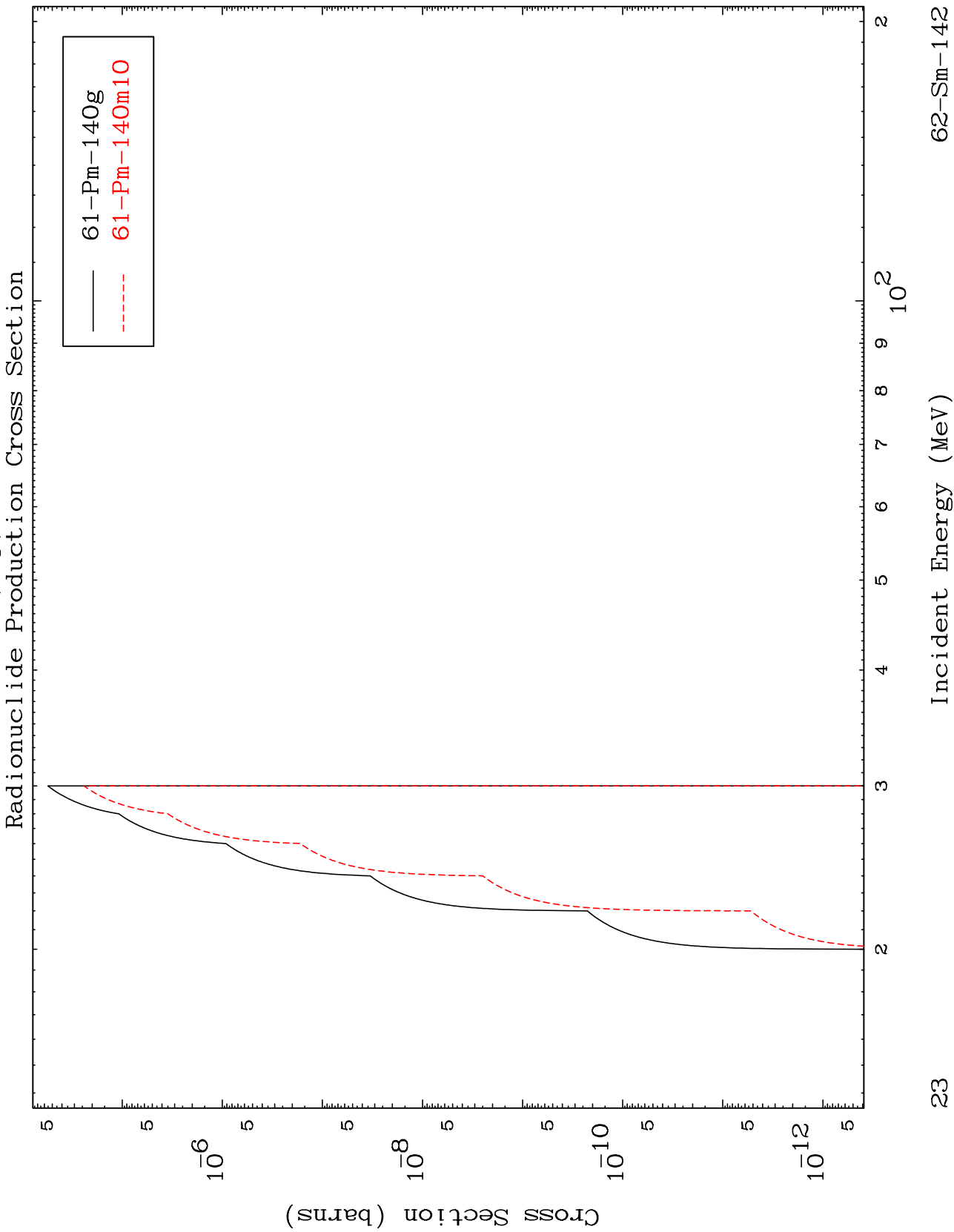
62-Sm-142

Incident Energy (MeV)

MAT 6219

(n,p) d

62-Sm-142



23

Incident Energy (MeV)

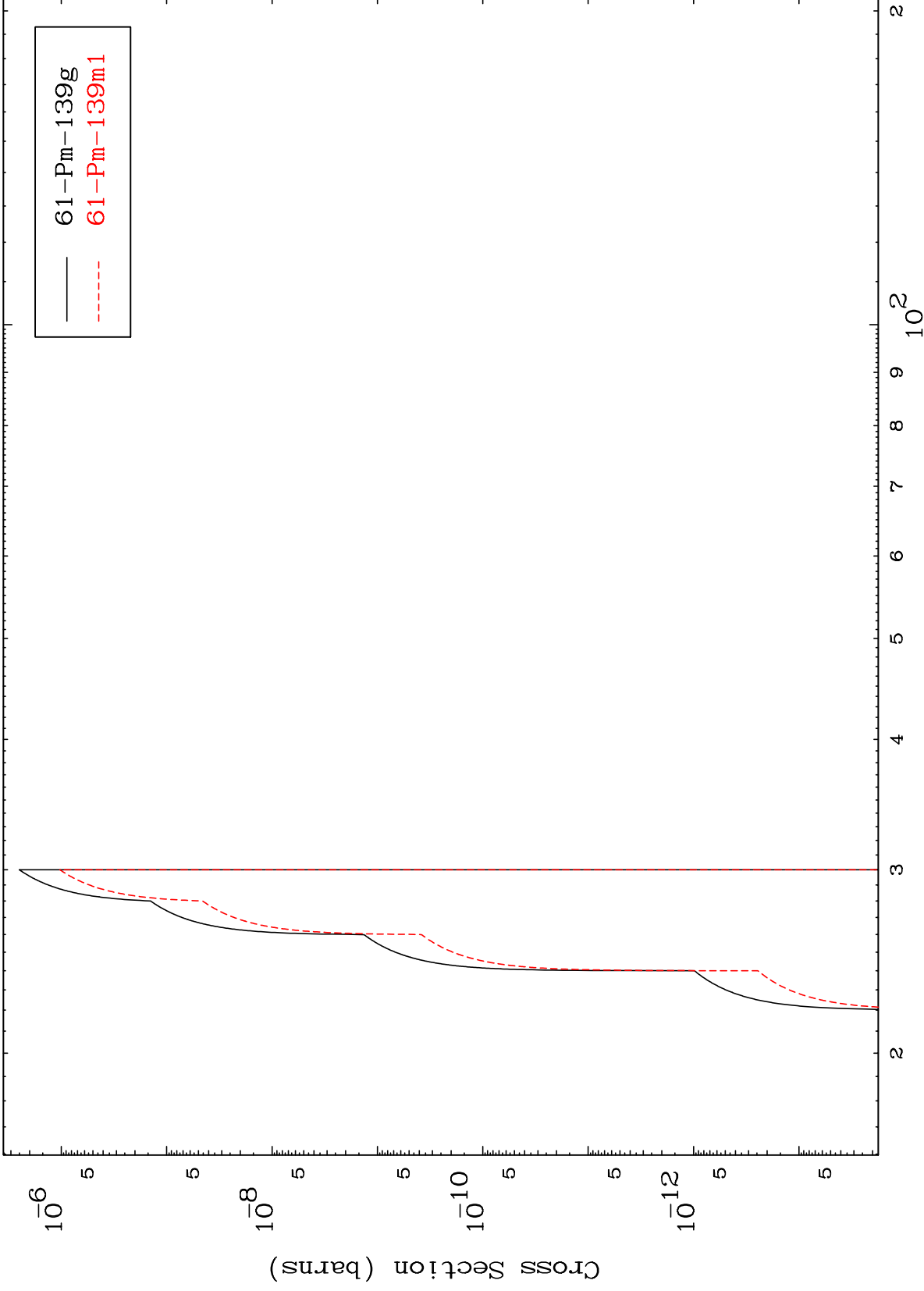
62-Sm-142

MAT 6219

(n,p) t

62-Sm-142

Radionuclide Production Cross Section



24

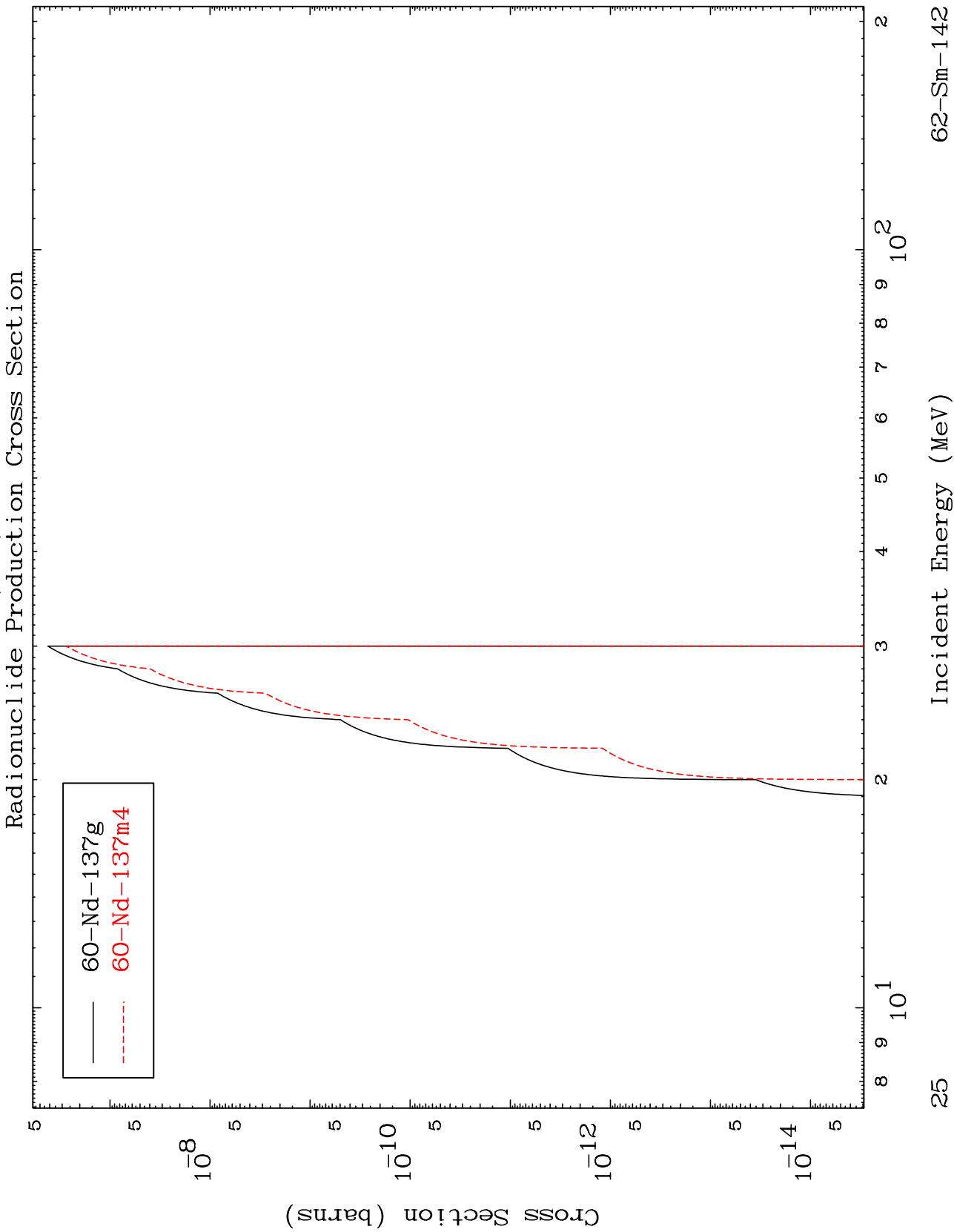
Incident Energy (MeV)

62-Sm-142

MAT 6219

(n,d) α

62-Sm-142



25