

Program EVALPLOT
(Version 2021-1)

by

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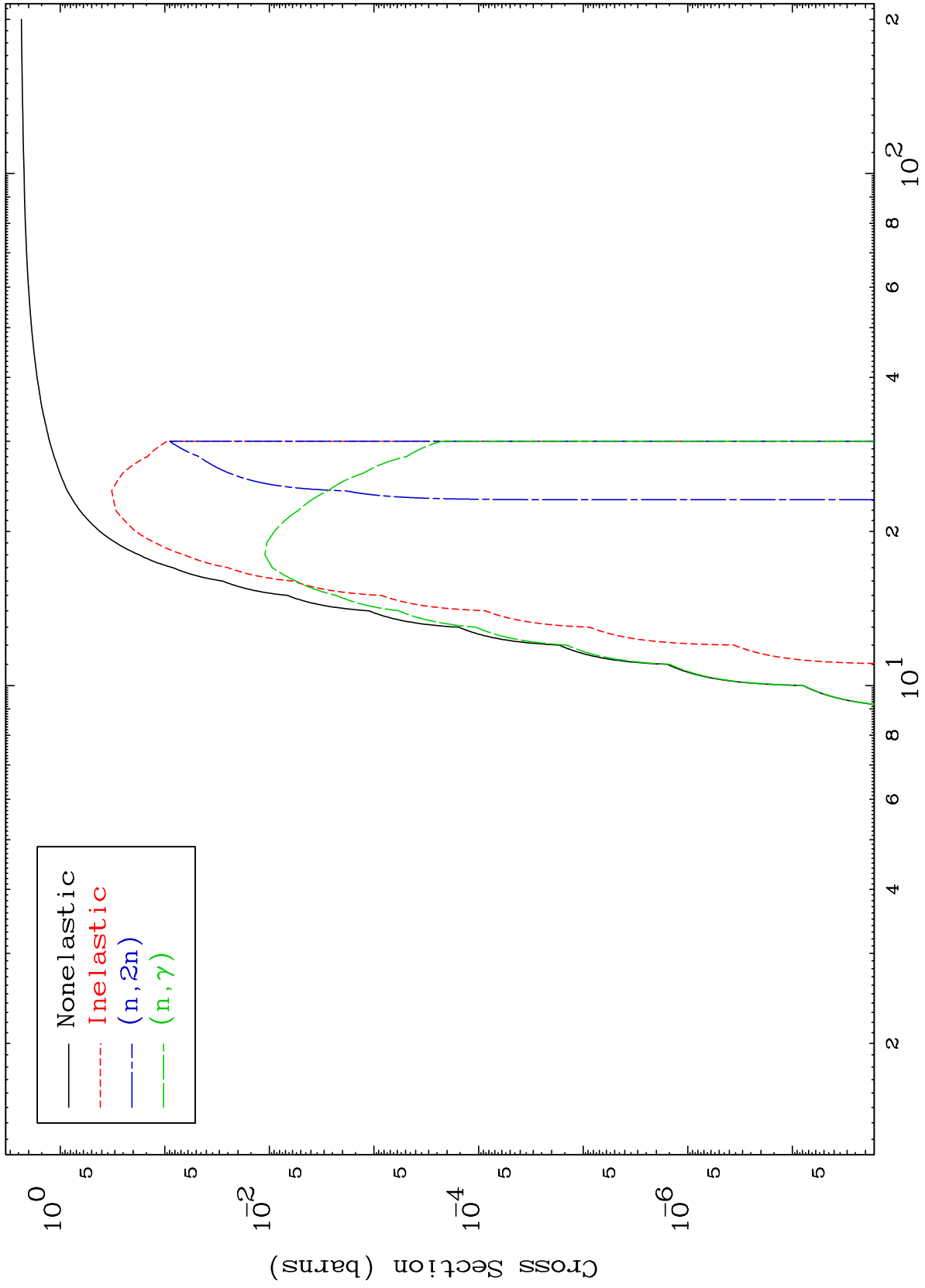
Press Mouse Button to Start

MAT 6211

α Major

62-Sm-139m

0 Kelvin Cross Sections



Incident Energy (MeV)

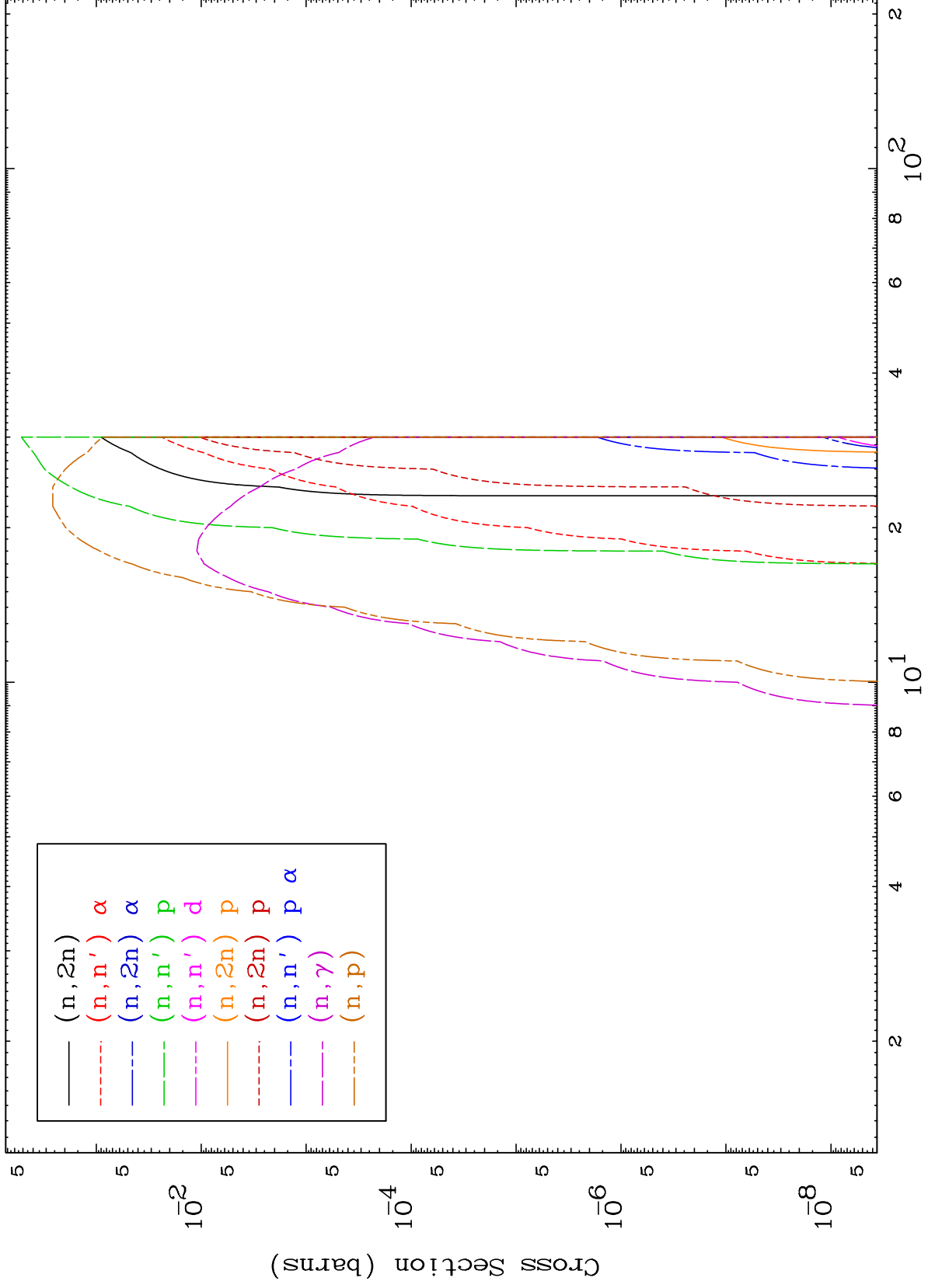
62-Sm-139m

1

MAT 6211

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-139m



2

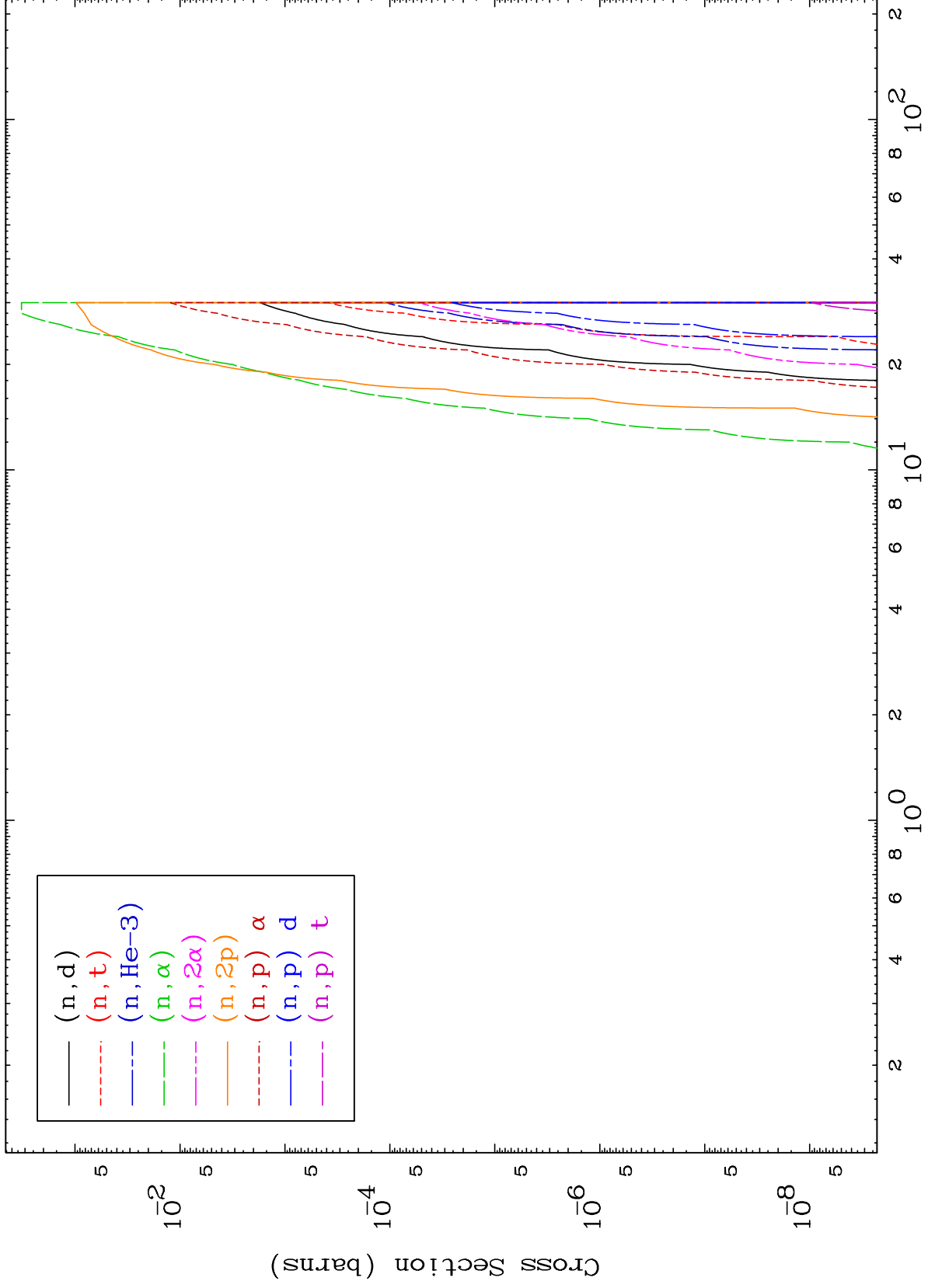
Incident Energy (MeV)

62-Sm-139m

MAT 6211

α Neutron Absorption
0 Kelvin Cross Sections

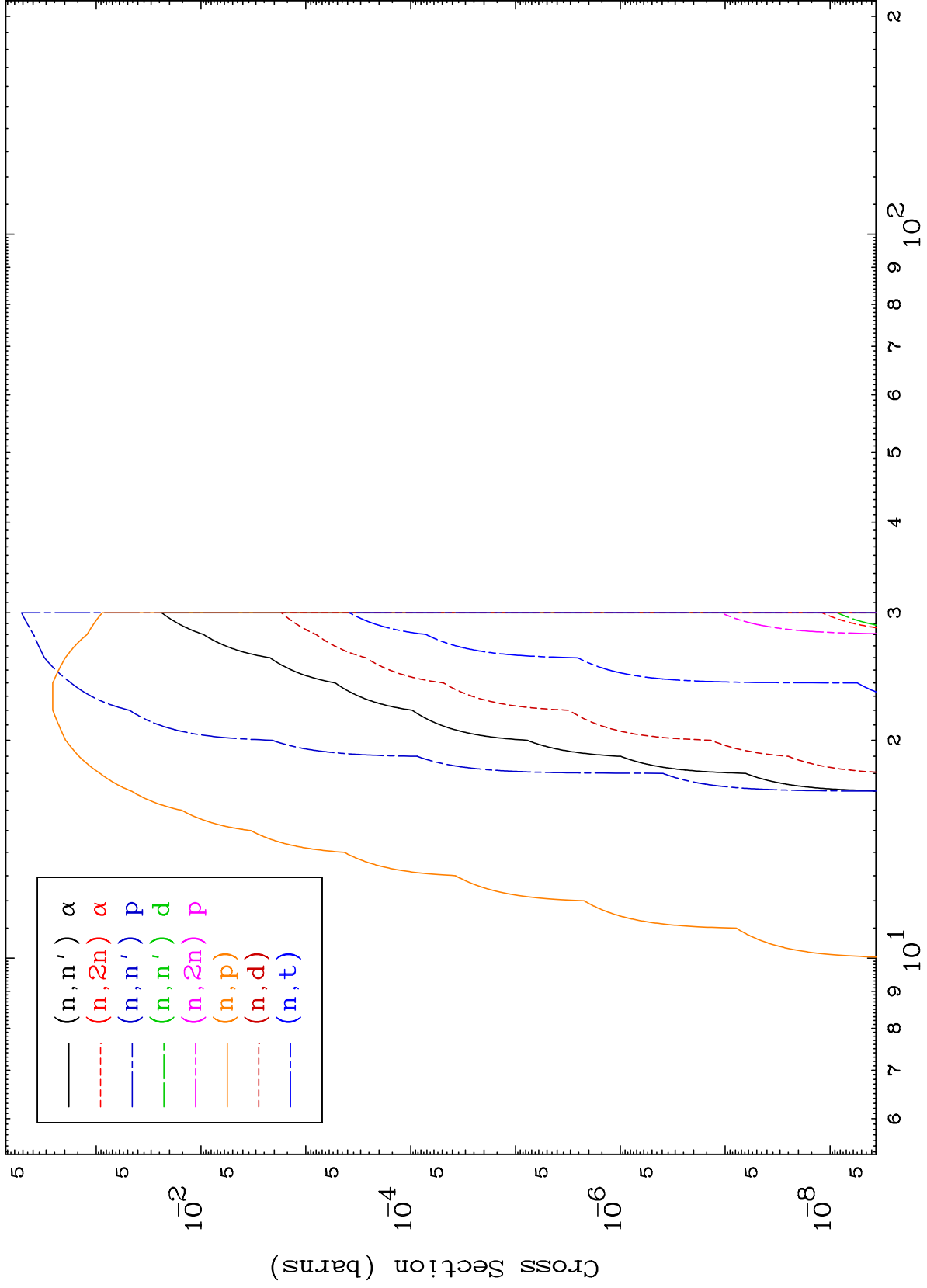
62-Sm-139m

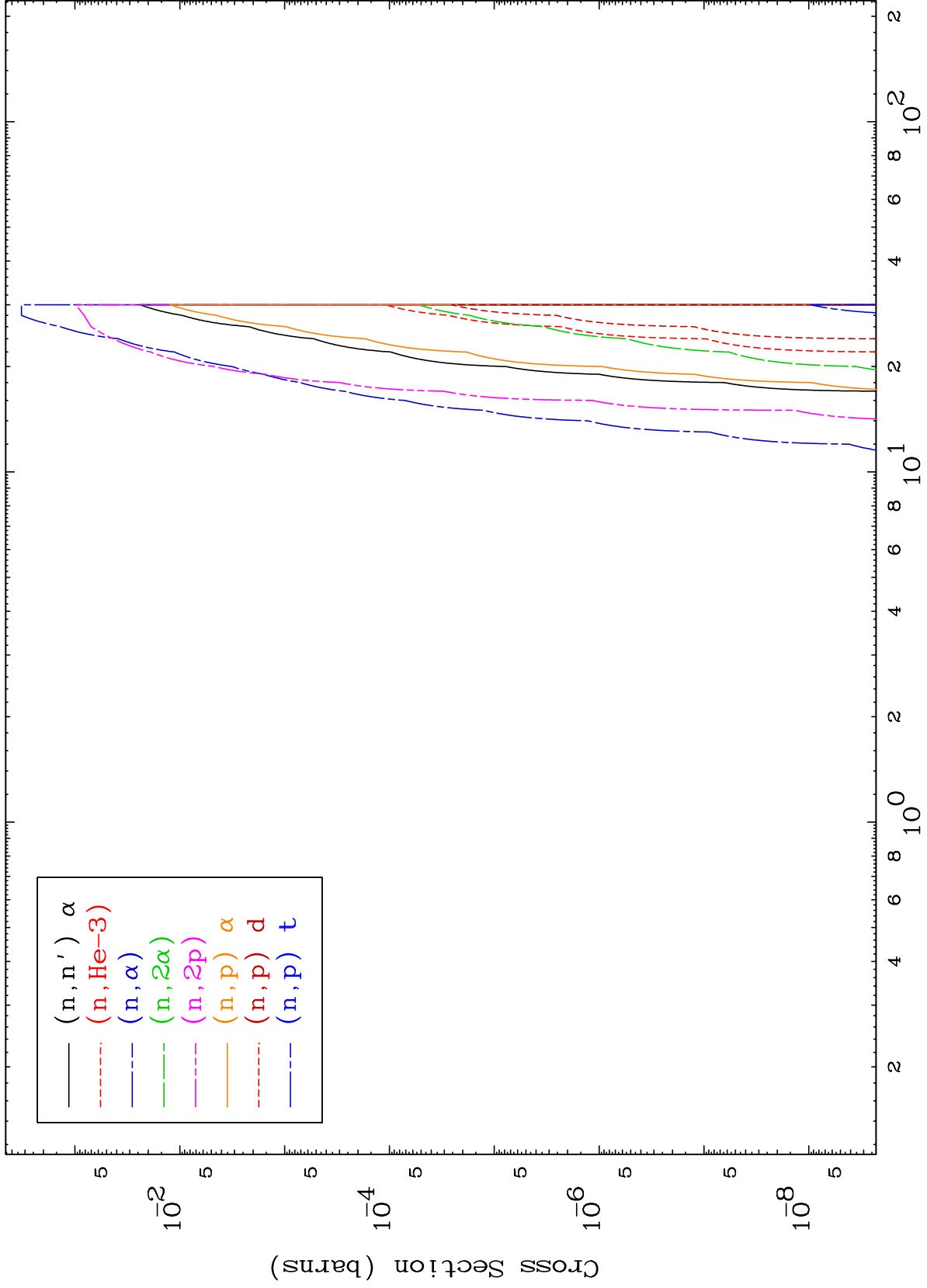


MAT 6211

α Charged Particle
0 Kelvin Cross Sections

62-Sm-139m



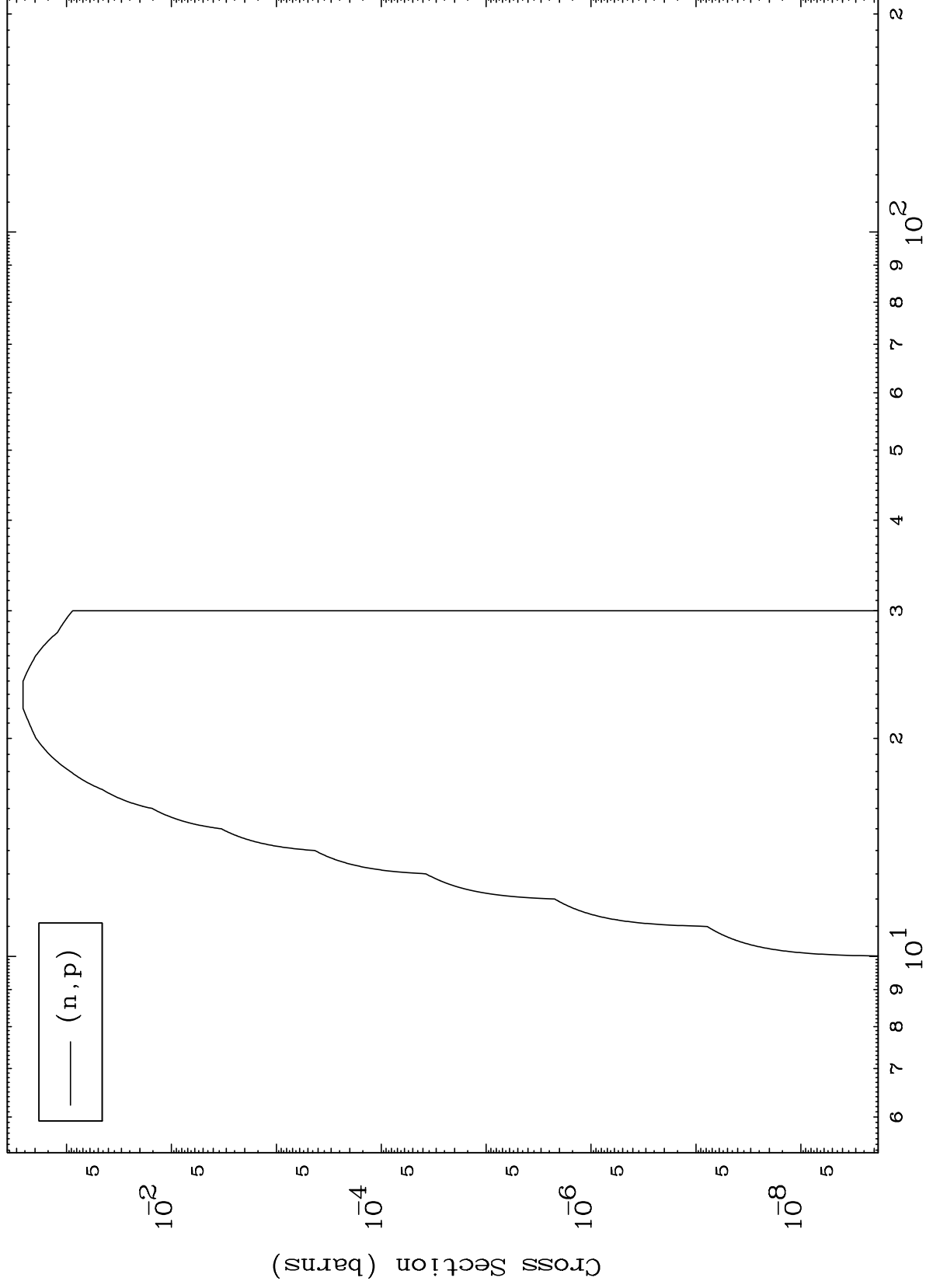


MAT 6211

(α, p) Levels

62-Sm-139m

0 Kelvin Cross Sections



6

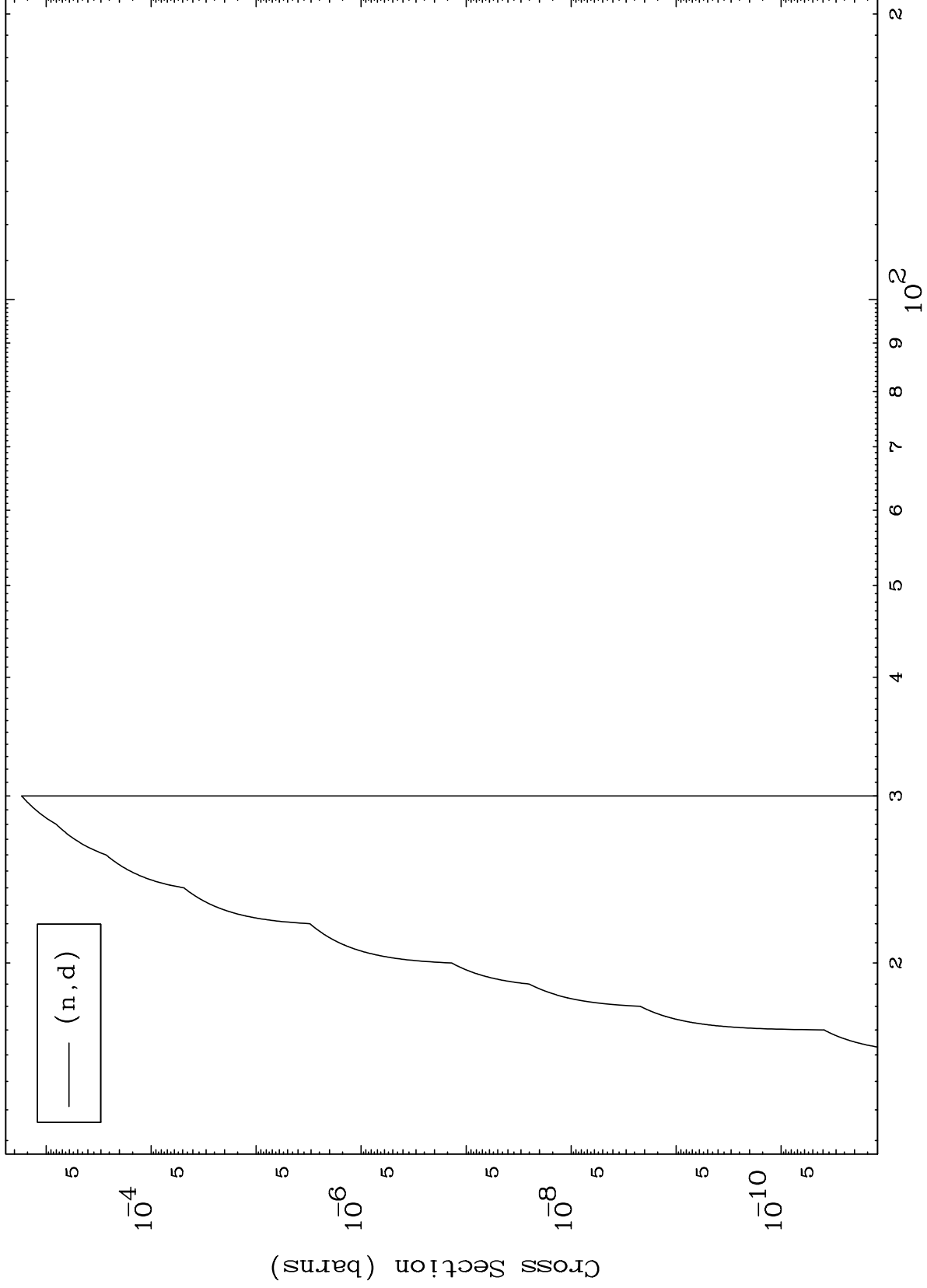
Incident Energy (MeV)

62-Sm-139m

MAT 6211

(α, d) Levels
0 Kelvin Cross Sections

62-Sm-139m



7

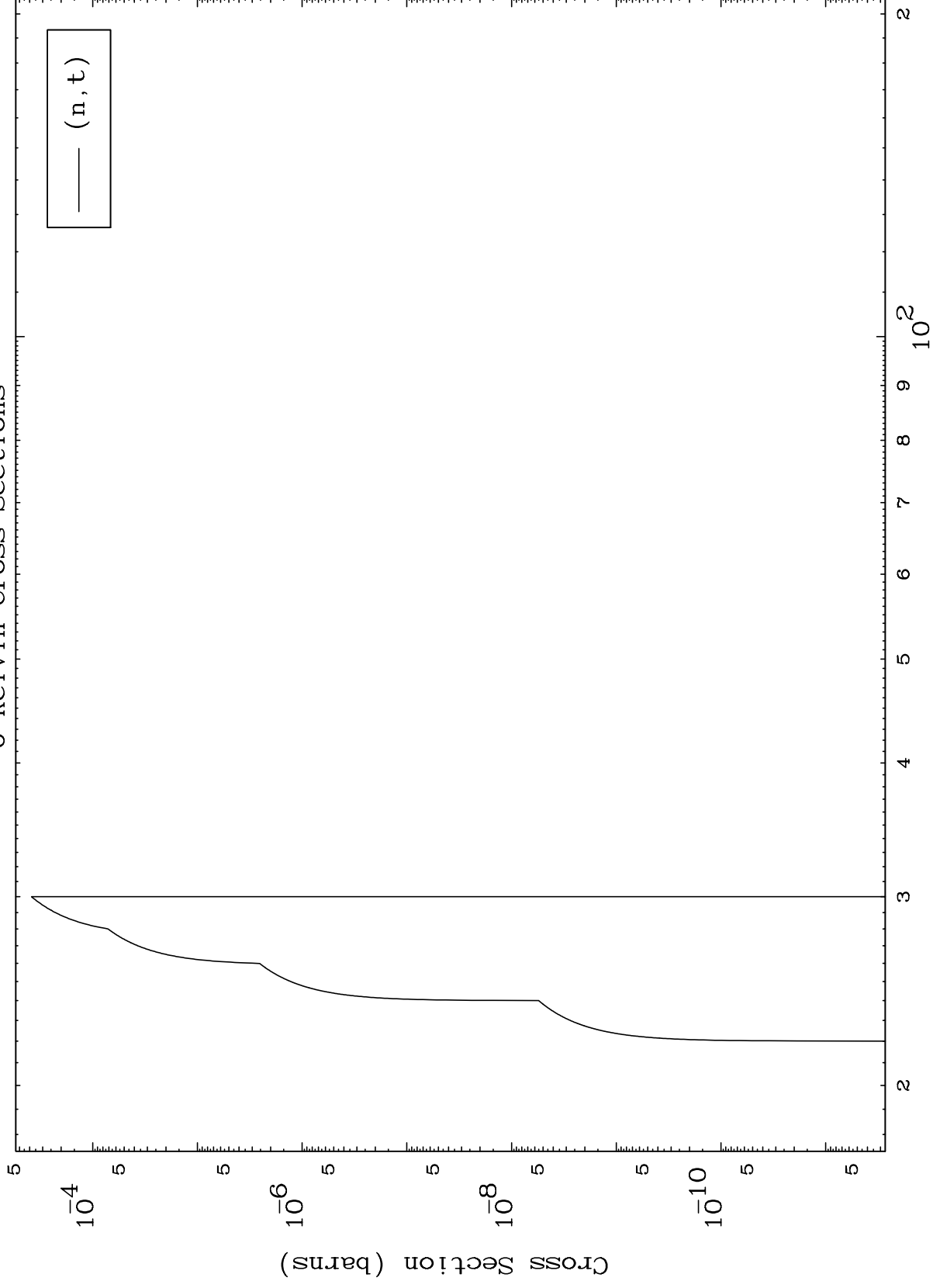
Incident Energy (MeV)

62-Sm-139m

MAT 6211

(α, t) Levels
0 Kelvin Cross Sections

62-Sm-139m



8

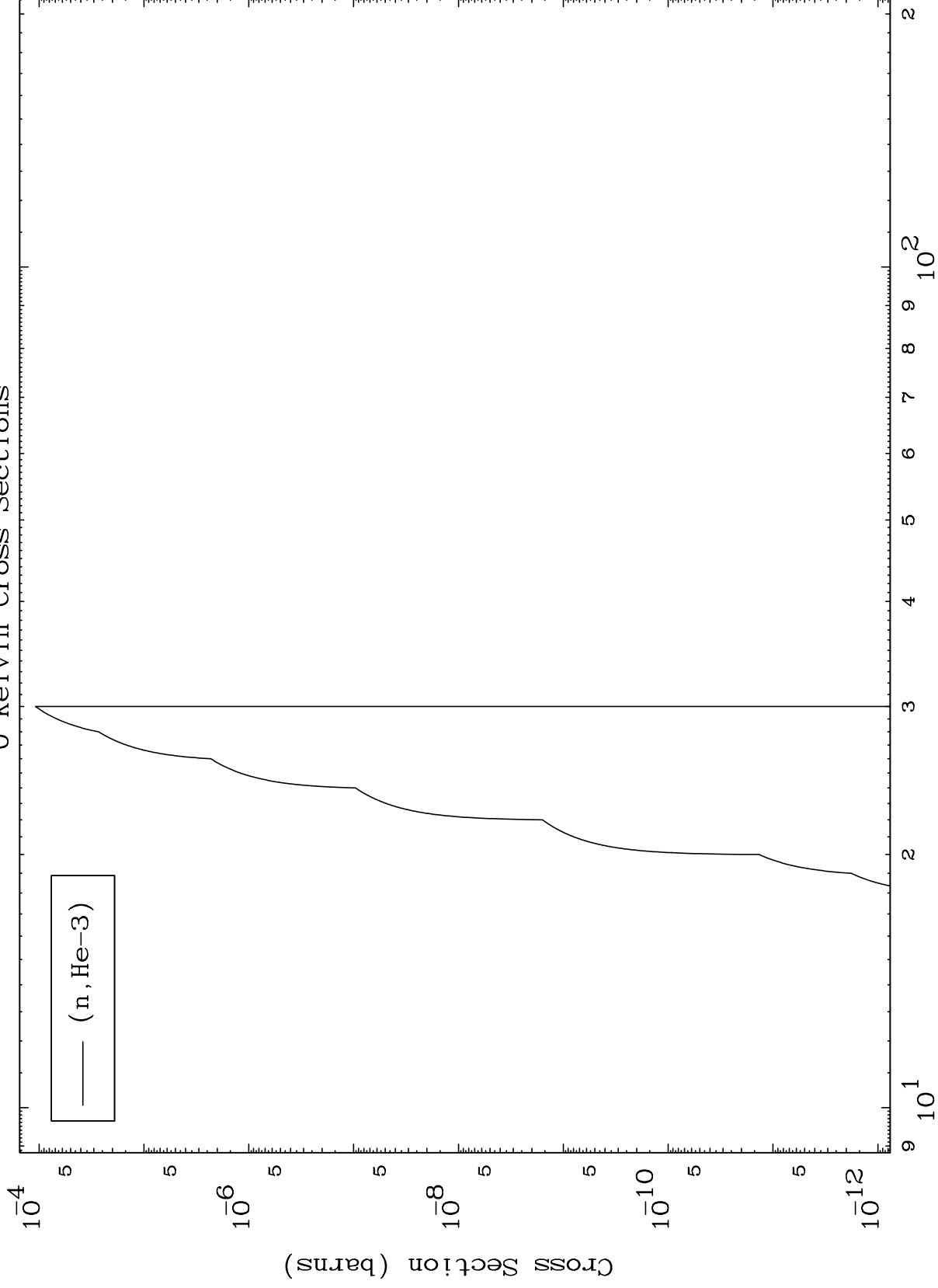
Incident Energy (MeV)

62-Sm-139m

MAT 6211

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

62-Sm-139m



Incident Energy (MeV)

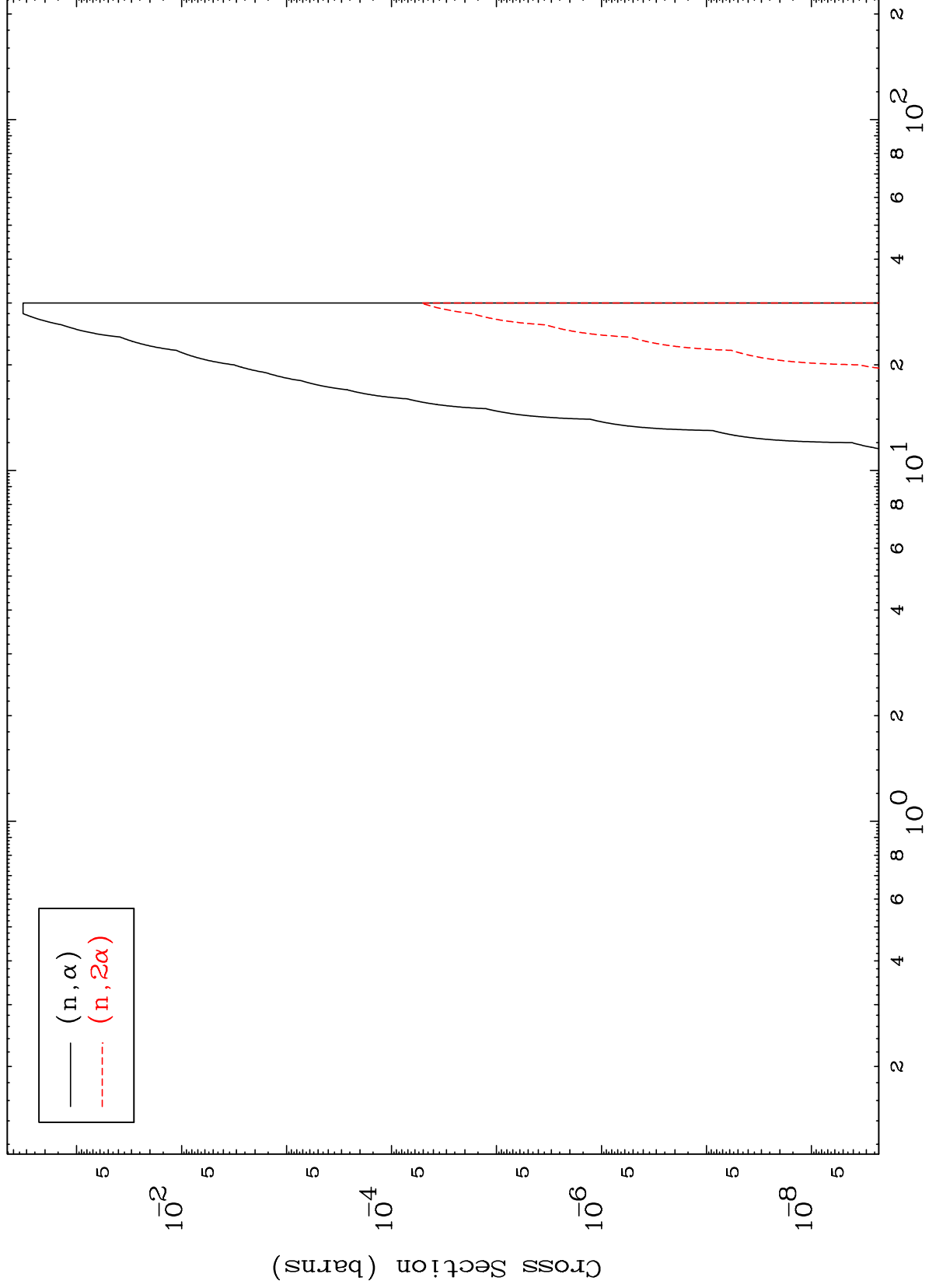
62-Sm-139m

MAT 6211

(α, α) Levels

62-Sm-139m

0 Kelvin Cross Sections



10

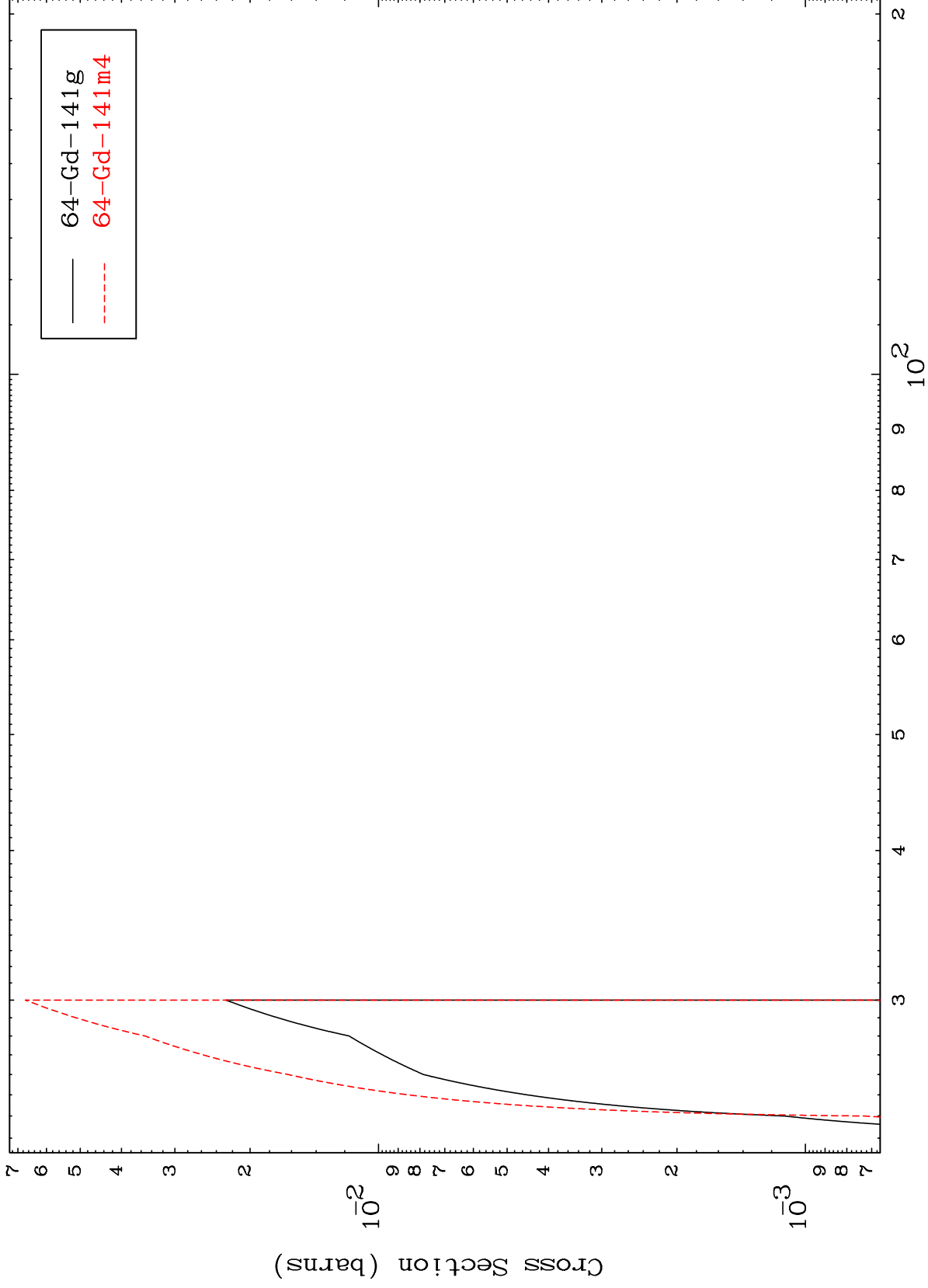
Incident Energy (MeV)

62-Sm-139m

MAT 6211

62-Sm-139m

(n,2n)
Radionuclide Production Cross Section



62-Sm-139m

Incident Energy (MeV)

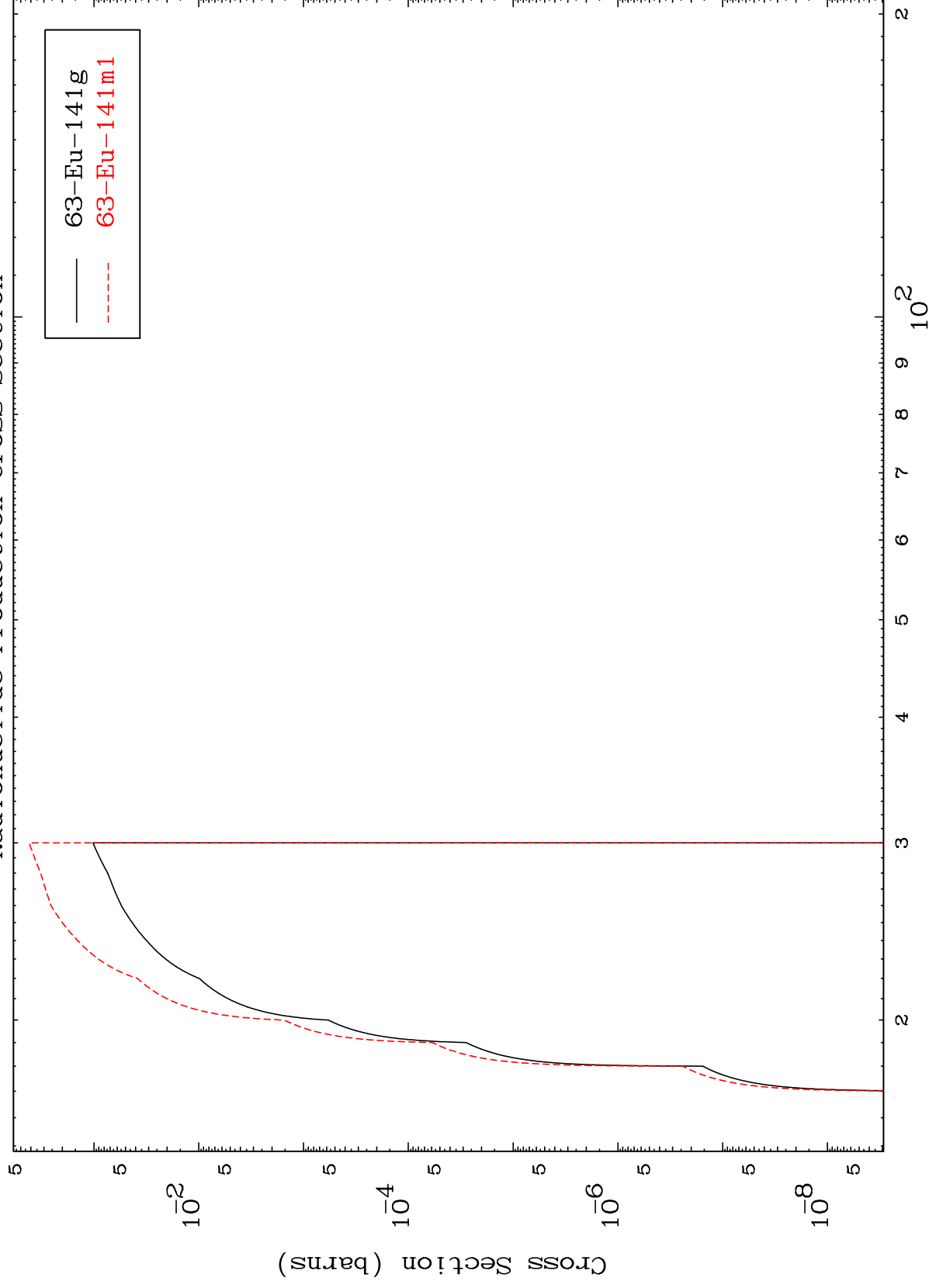
11

MAT 6211

(n,n') p

62-Sm-139m

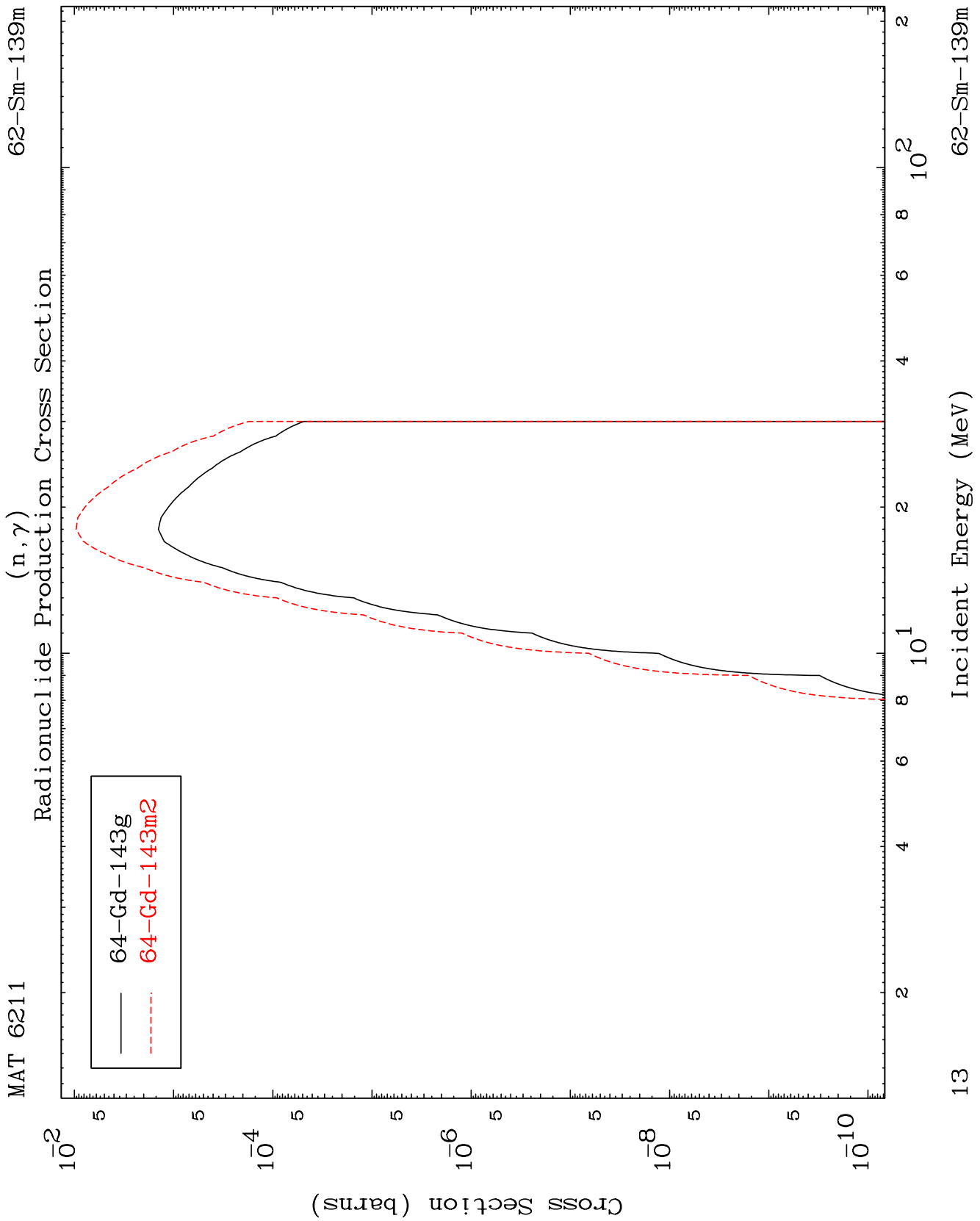
Radionuclide Production Cross Section



12

Incident Energy (MeV)

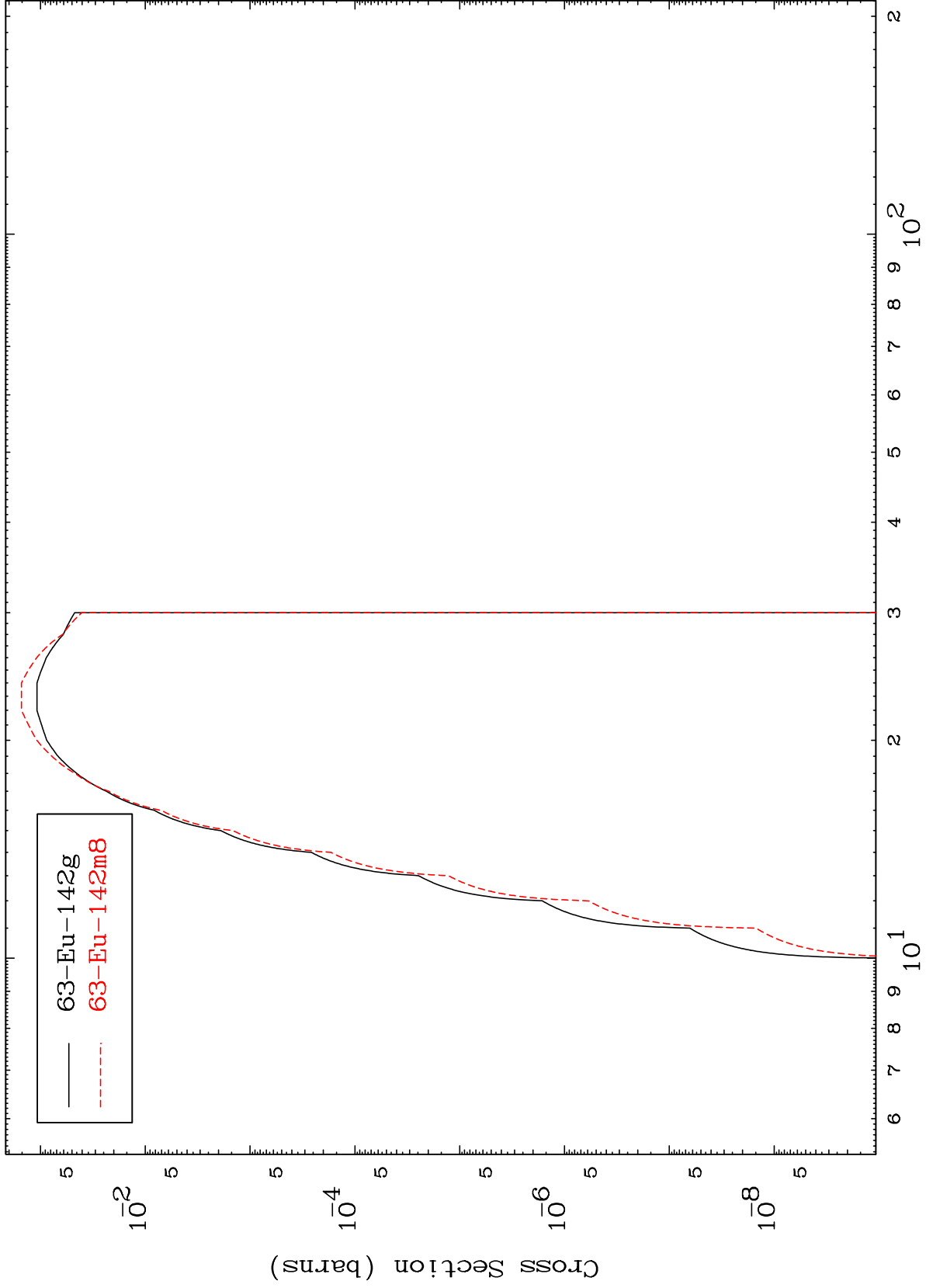
62-Sm-139m



MAT 6211

62-Sm-139m

(n,p)
Radionuclide Production Cross Section



14

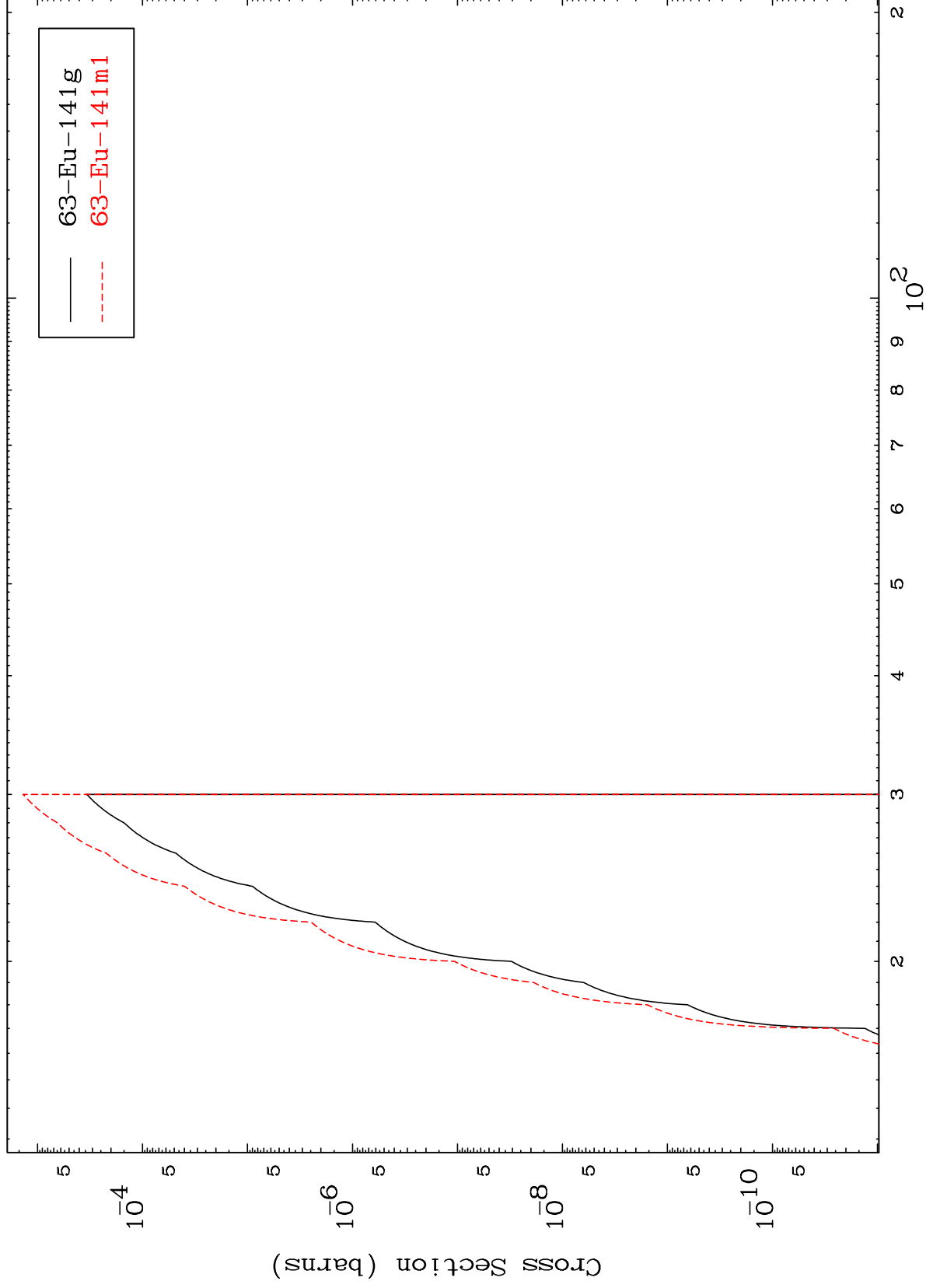
Incident Energy (MeV)

62-Sm-139m

MAT 6211

62-Sm-139m

(n,d)
Radionuclide Production Cross Section



15

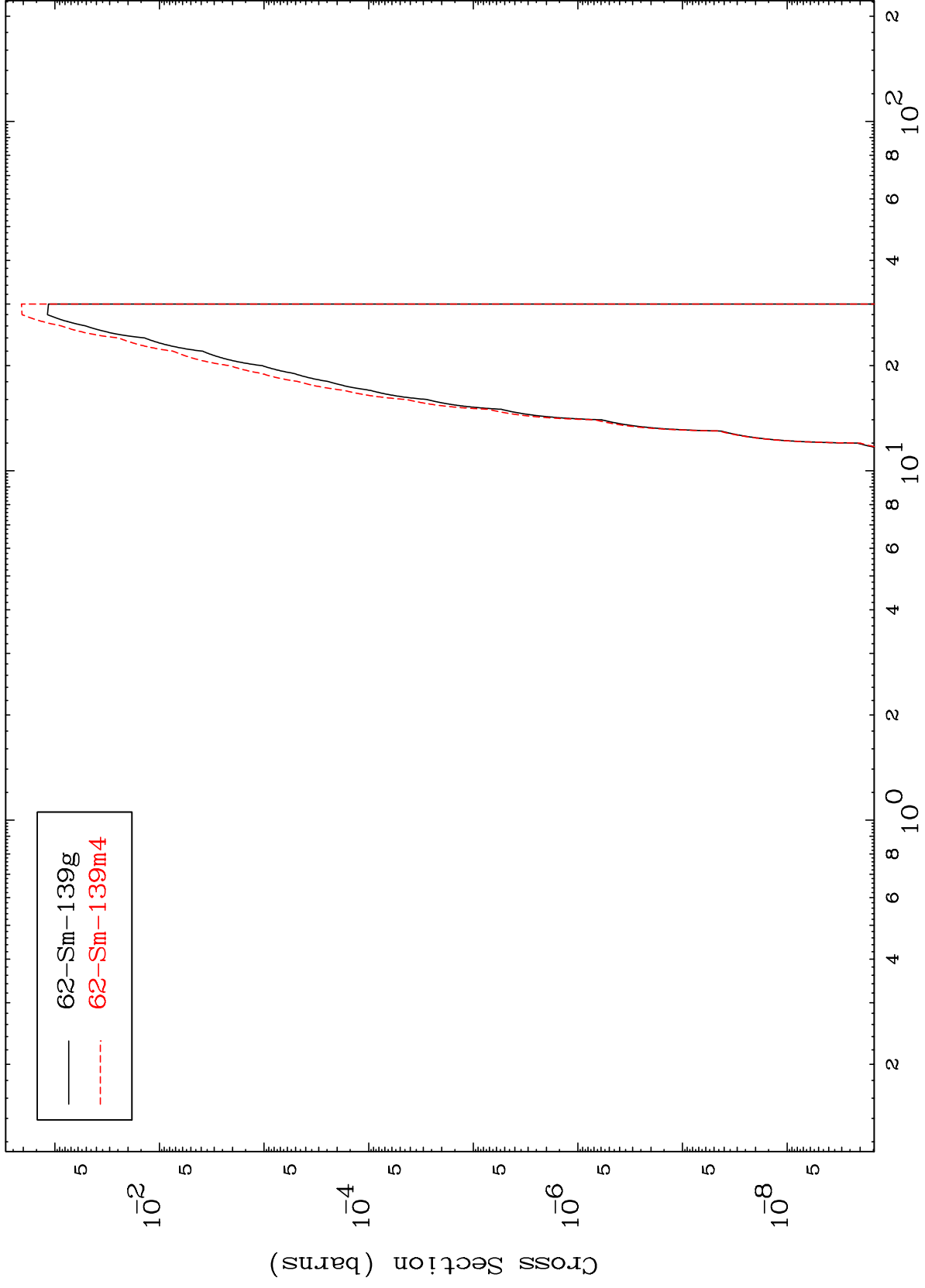
Incident Energy (MeV)

62-Sm-139m

MAT 6211

62-Sm-139m

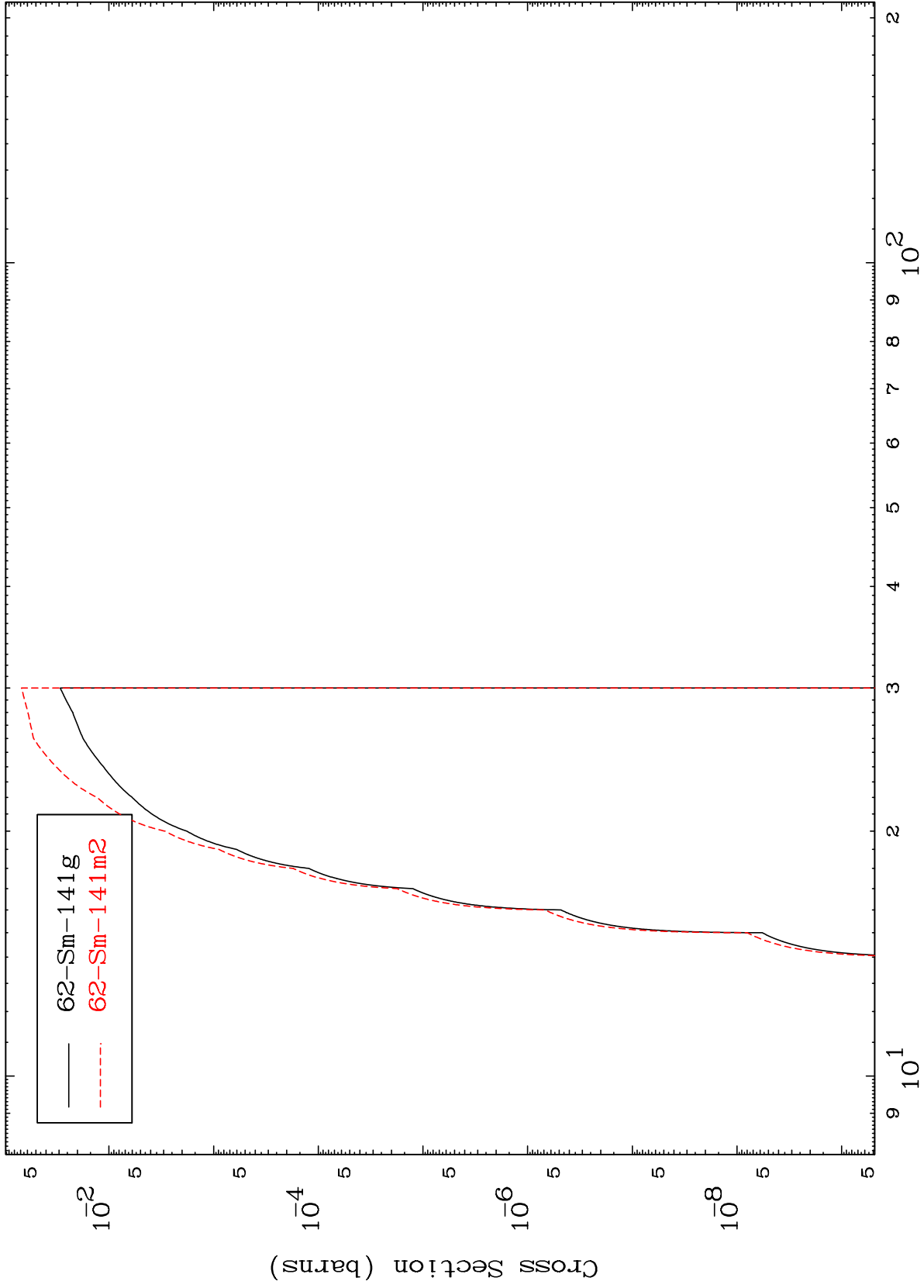
Radionuclide Production Cross Section
(n, α)



MAT 6211

62-Sm-139m

Radionuclide Production Cross Section
(n,2p)



17

Incident Energy (MeV)

62-Sm-139m

