

Program EVALPLOT
(Version 2021-1)

by

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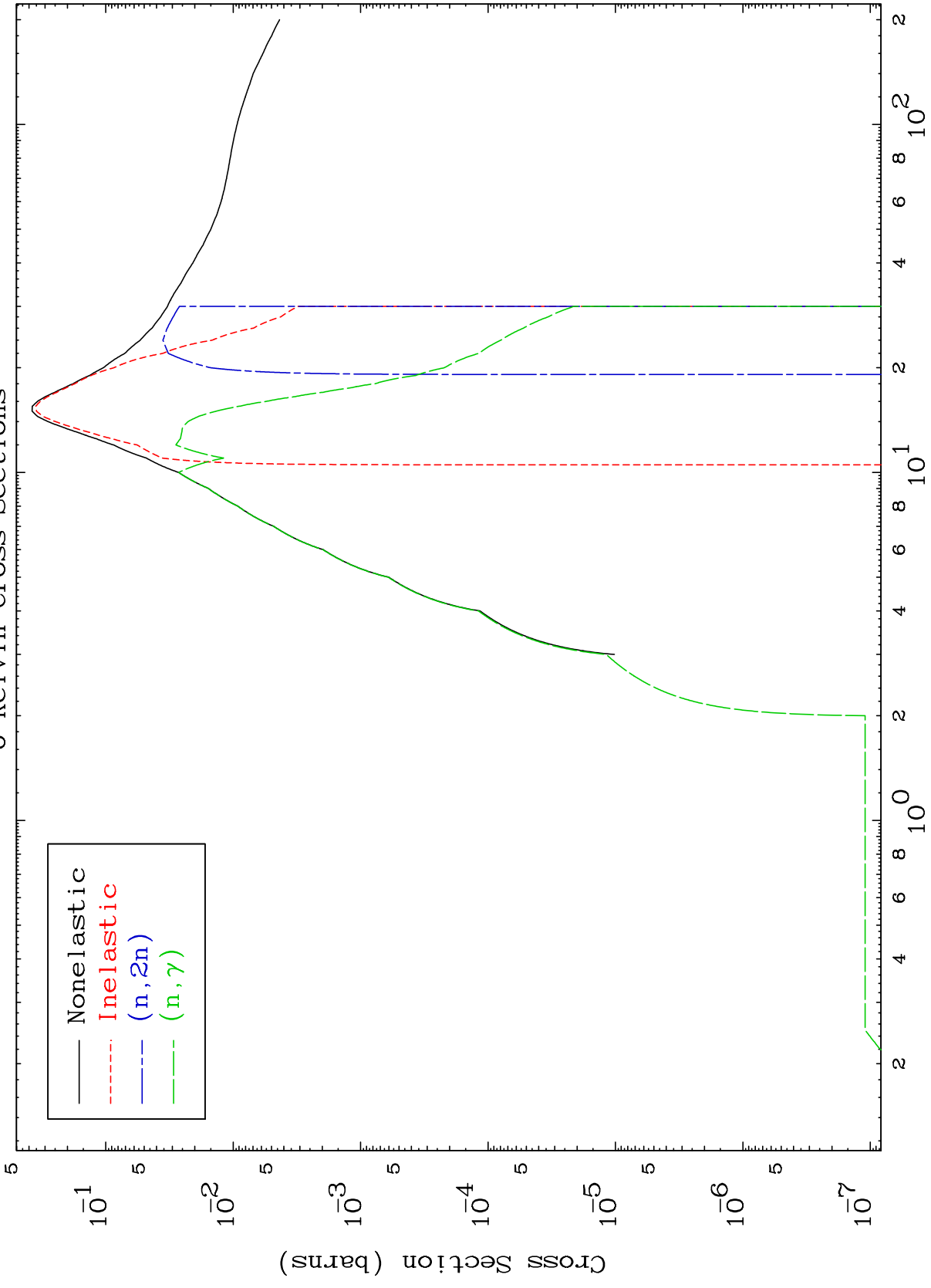
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6225

Photon Major
0 Kelvin Cross Sections

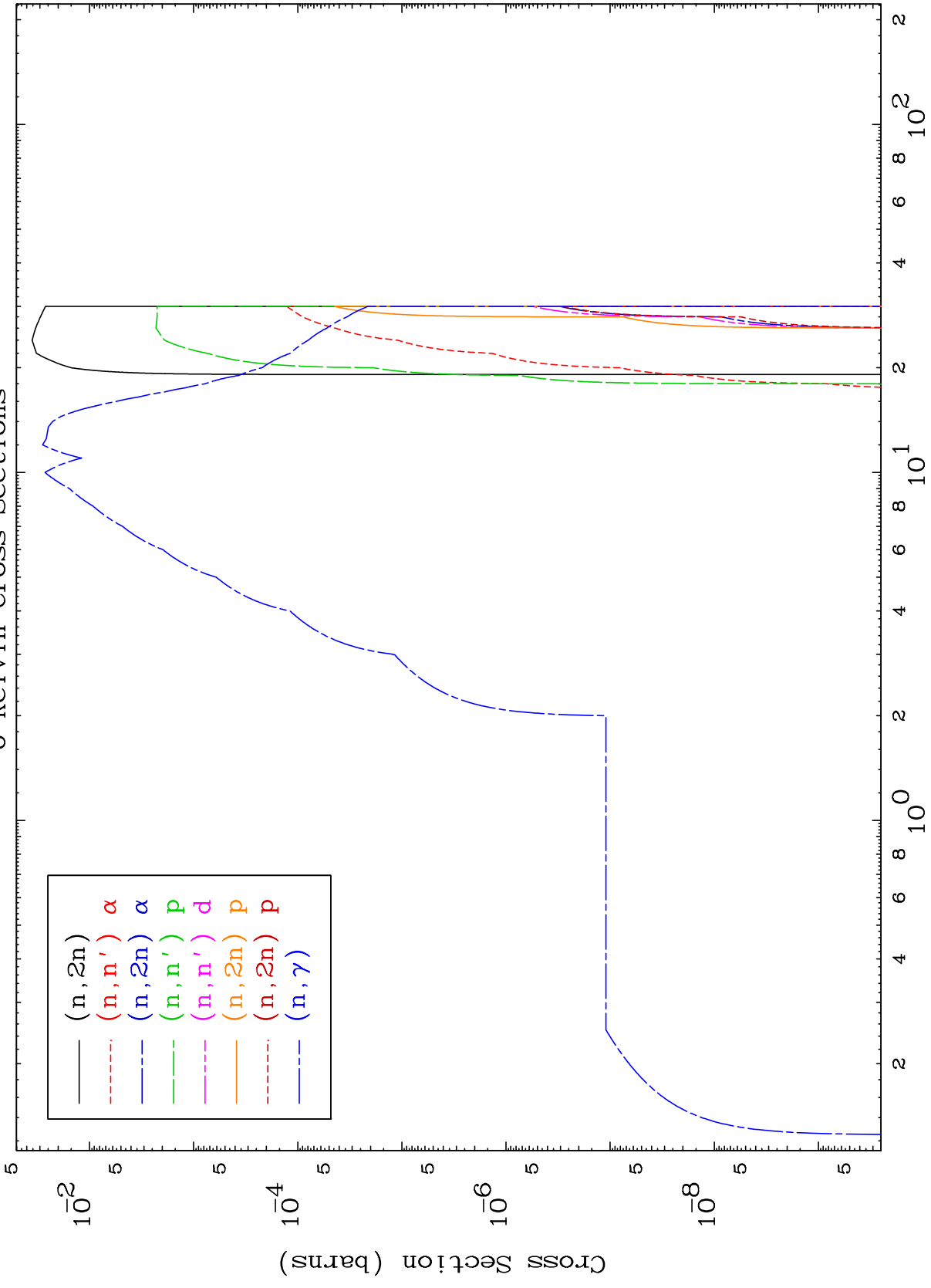
62-Sm-144



MAT 6225

Photon Neutron Absorption
0 Kelvin Cross Sections

62-Sm-144



2

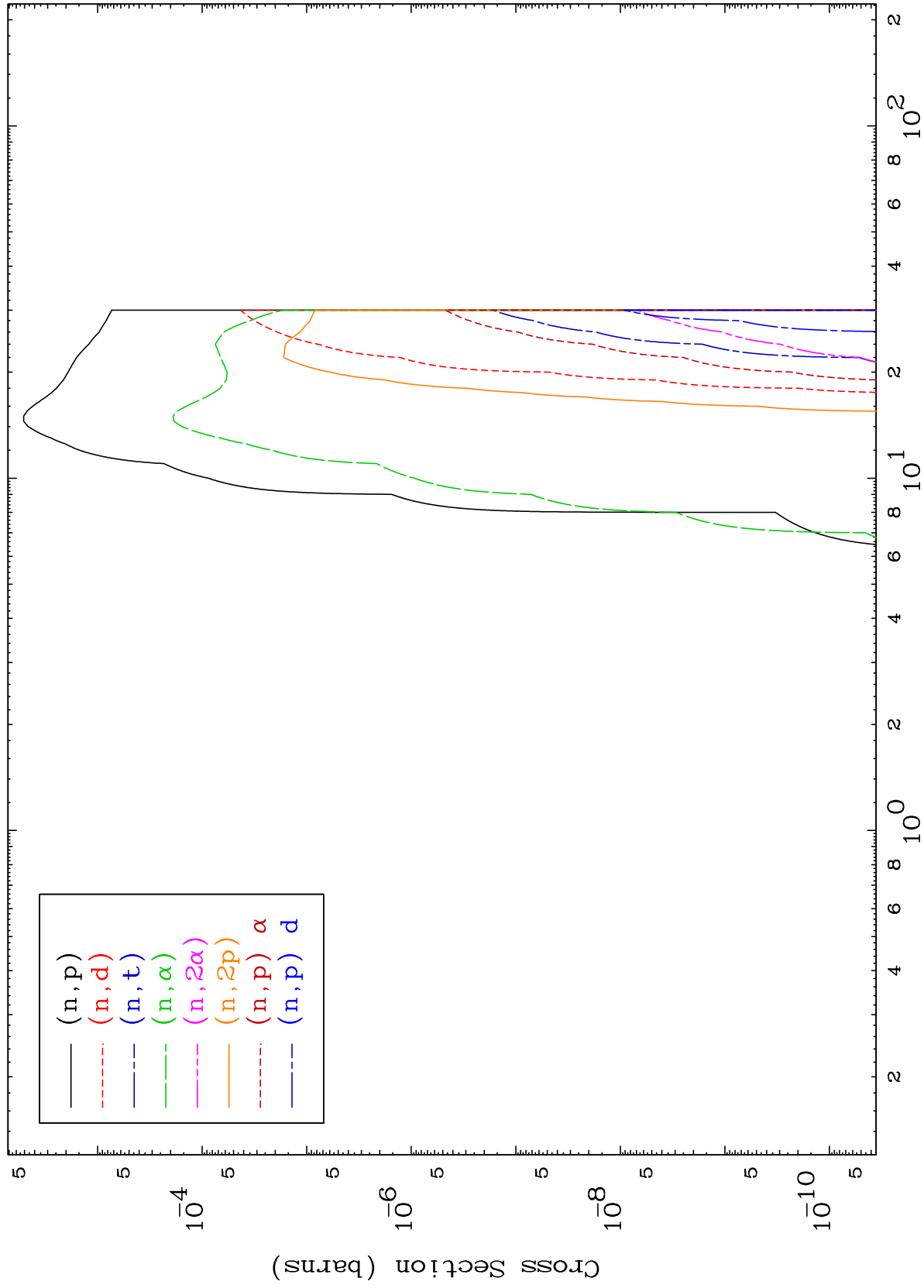
Incident Energy (MeV)

62-Sm-144

MAT 6225

Photon Neutron Absorption
0 Kelvin Cross Sections

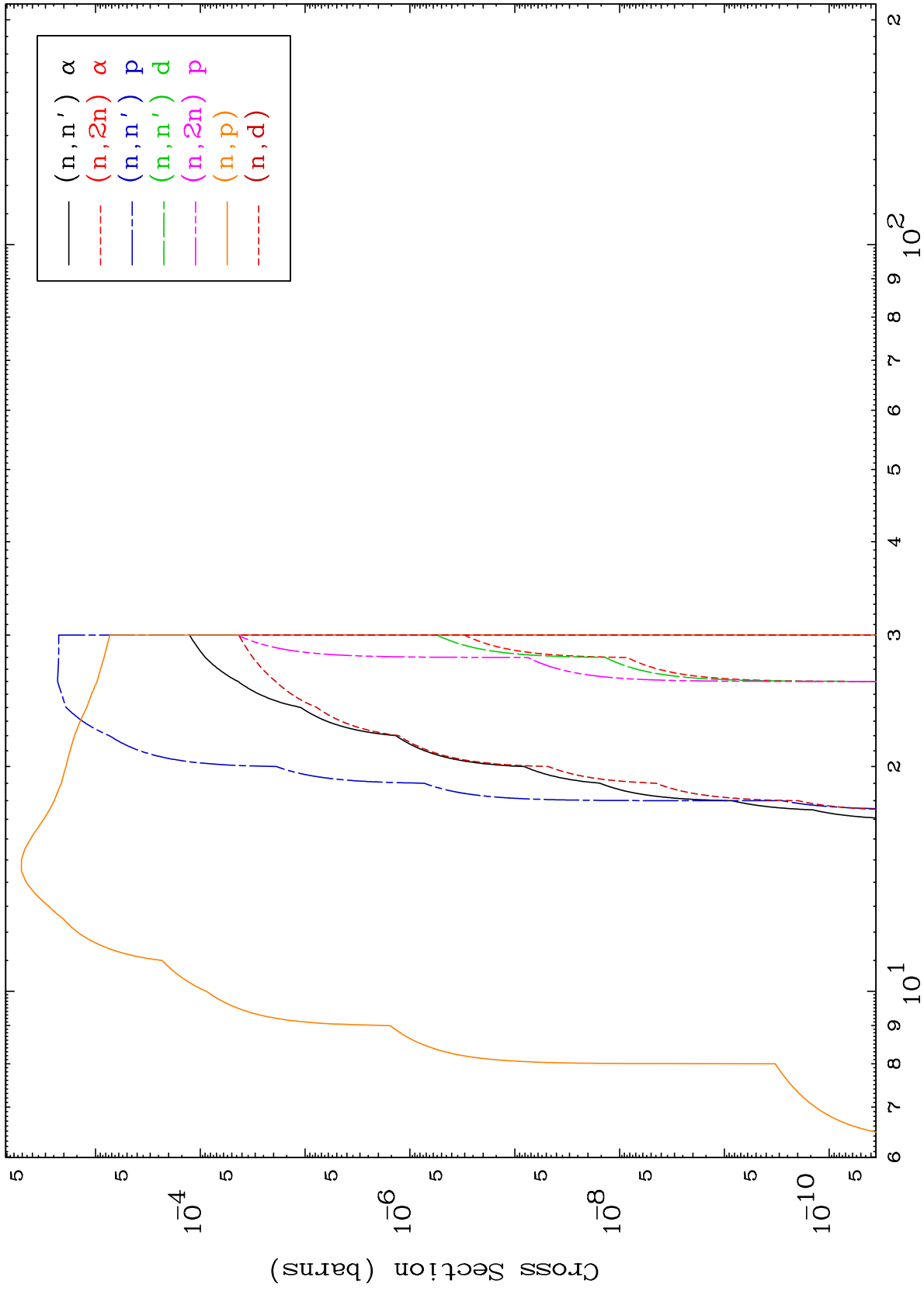
⁶²Sm-144



3

Incident Energy (MeV)

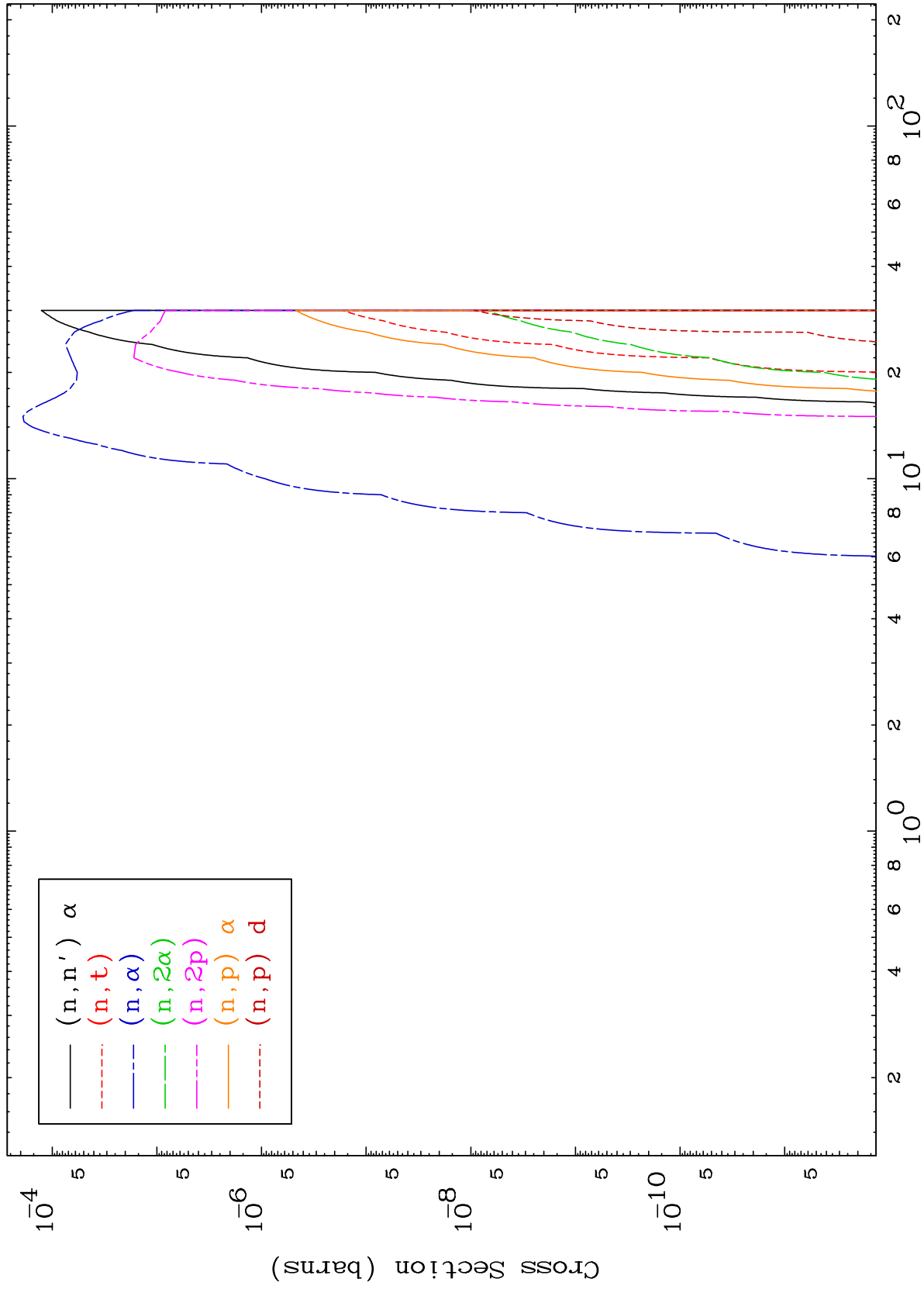
⁶²Sm-144



MAT 6225

Photon Charged Particle
0 Kelvin Cross Sections

62-Sm-144



5

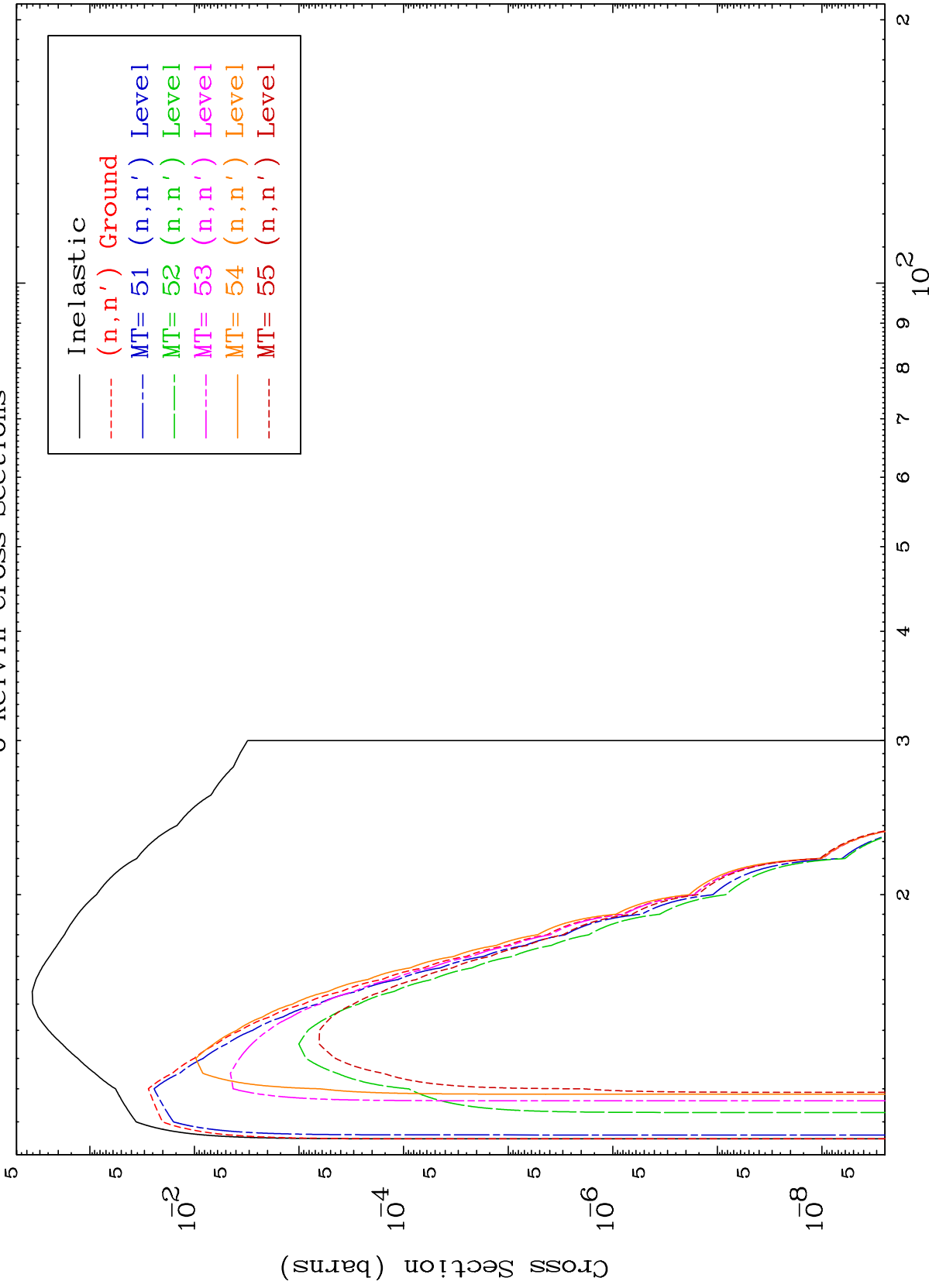
Incident Energy (MeV)

62-Sm-144

MAT 6225

(γ, n') Levels
0 Kelvin Cross Sections

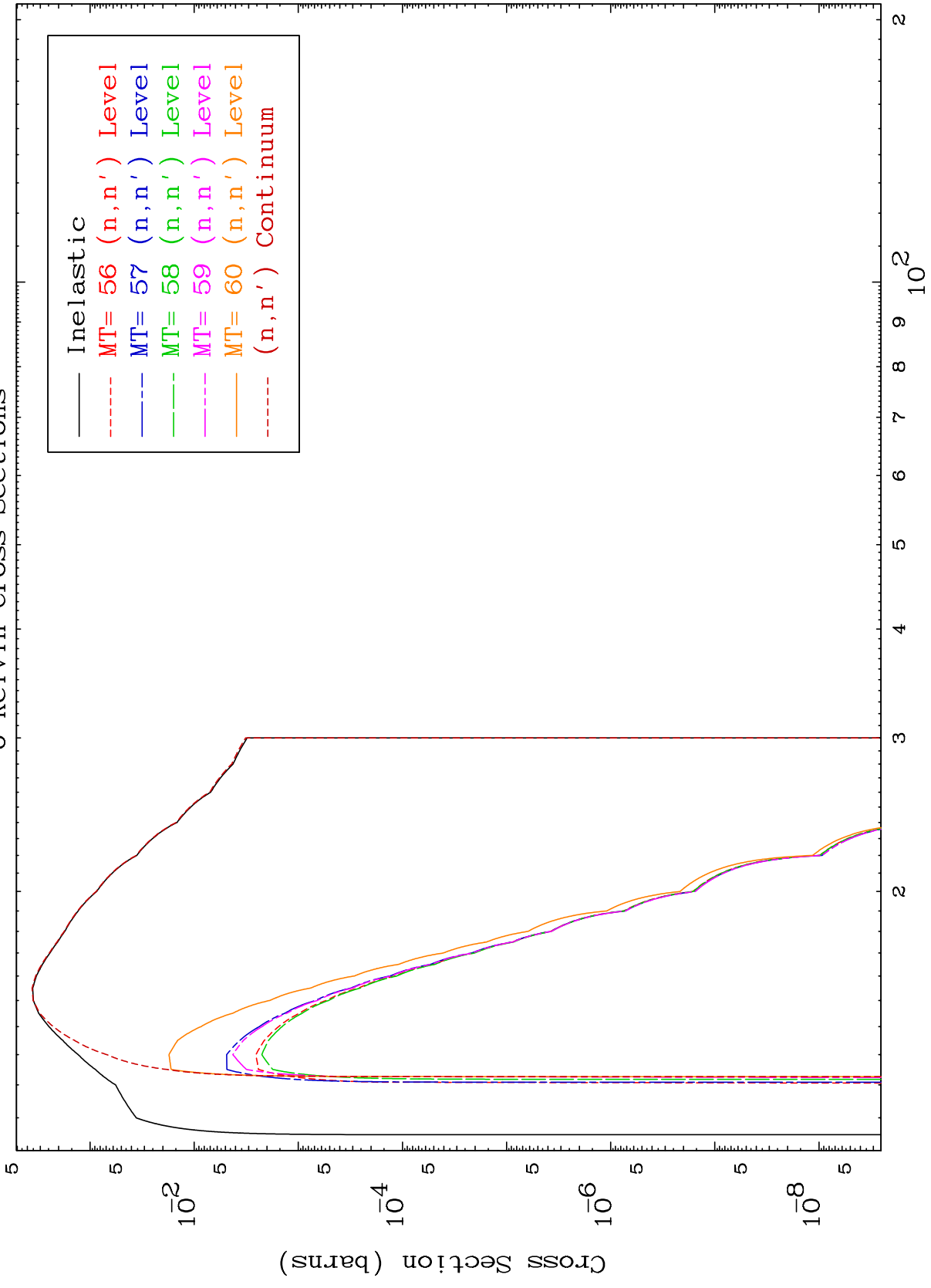
62-Sm-144



6

Incident Energy (MeV)

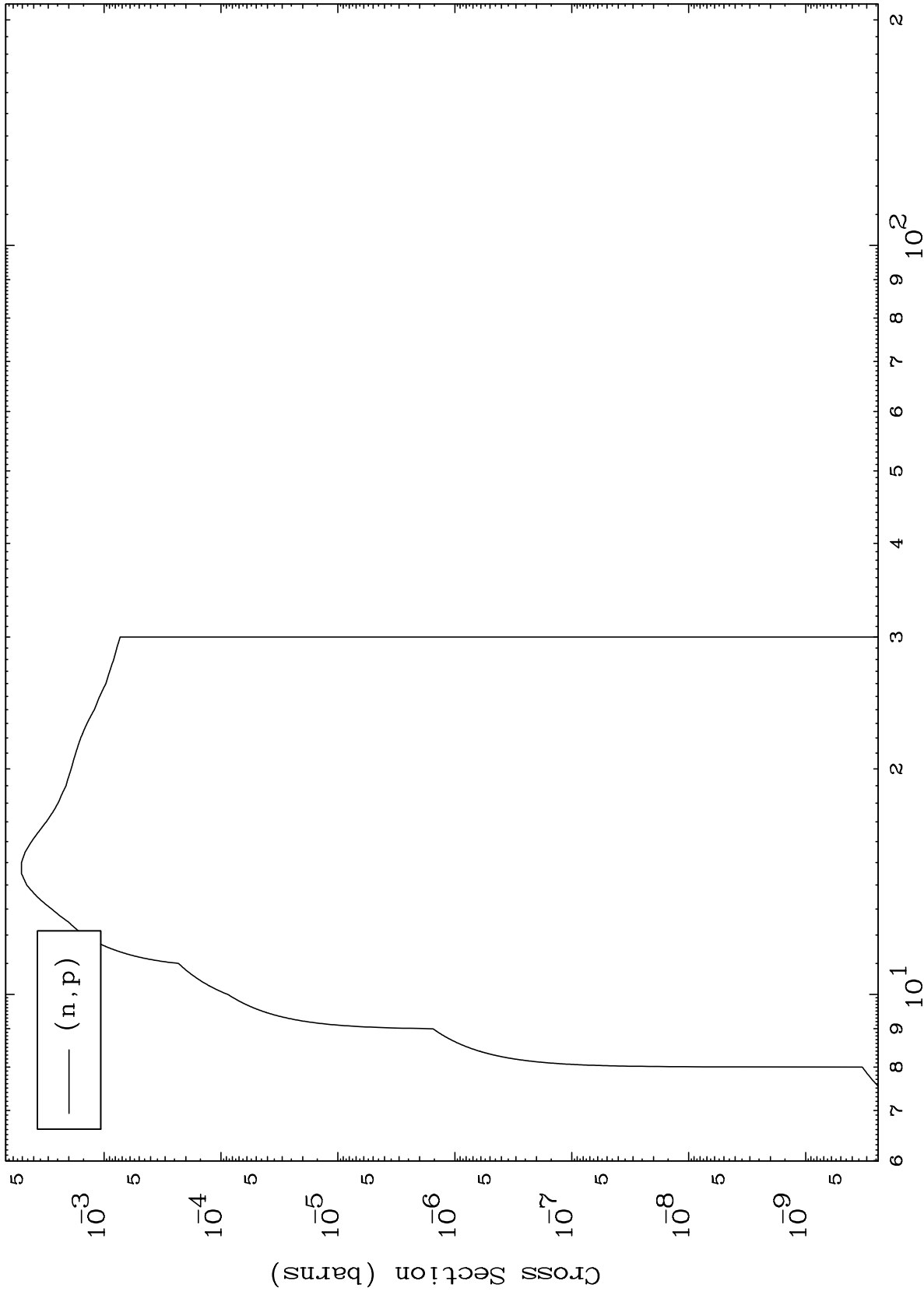
62-Sm-144



MAT 6225

(γ, p) Levels
0 Kelvin Cross Sections

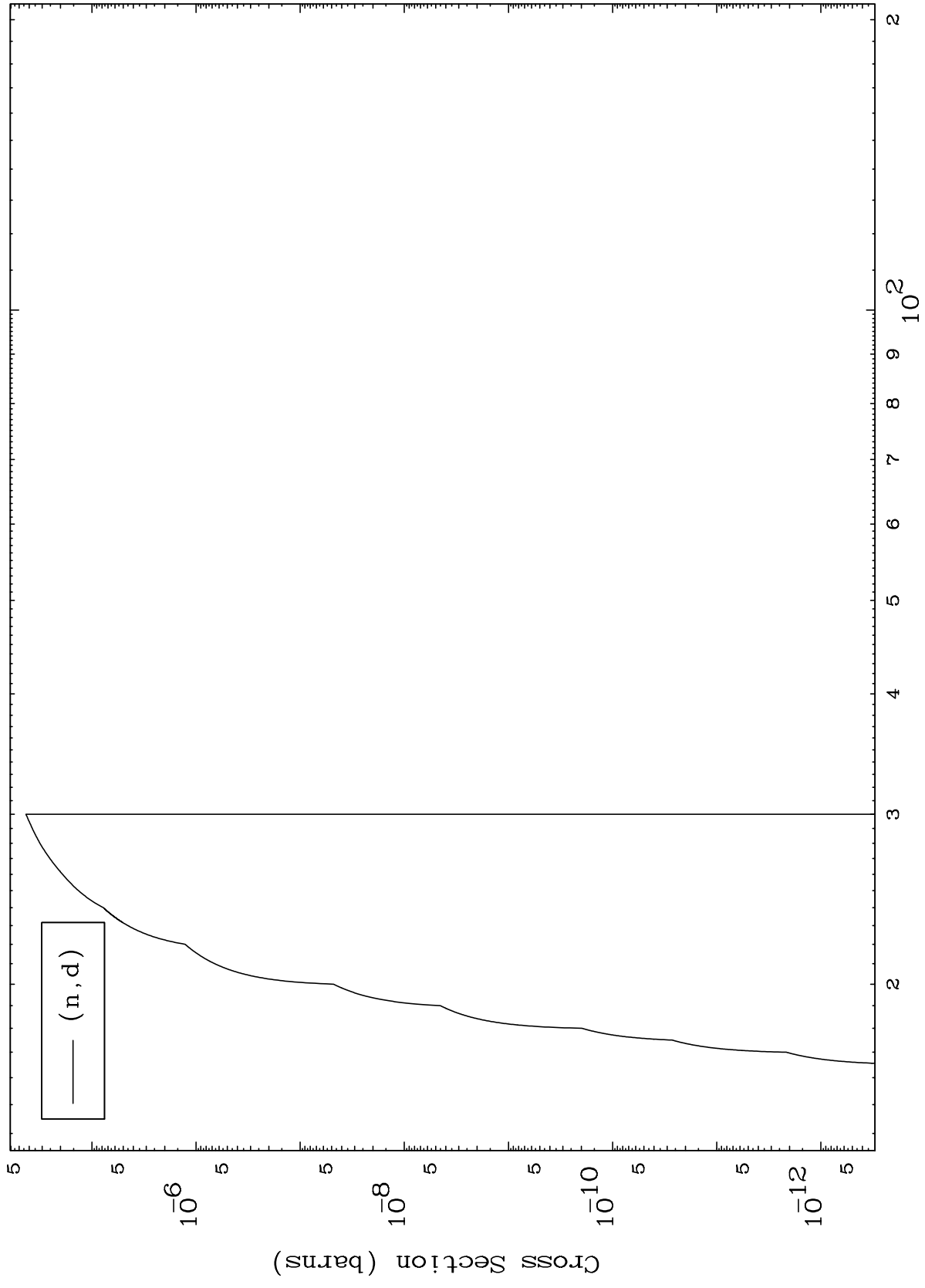
62-Sm-144



8

Incident Energy (MeV)

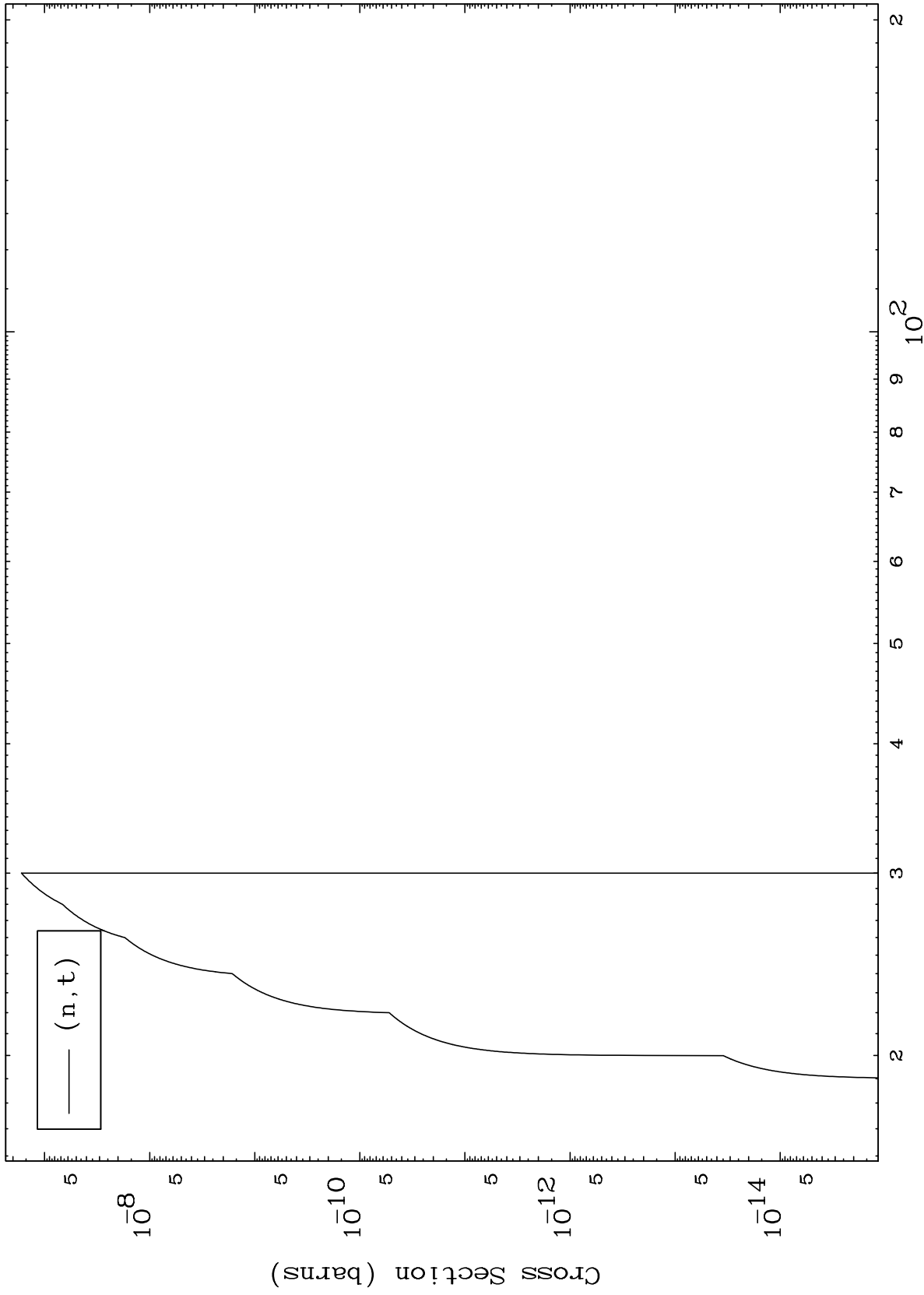
62-Sm-144



MAT 6225

(γ, t) Levels
0 Kelvin Cross Sections

62-Sm-144



10

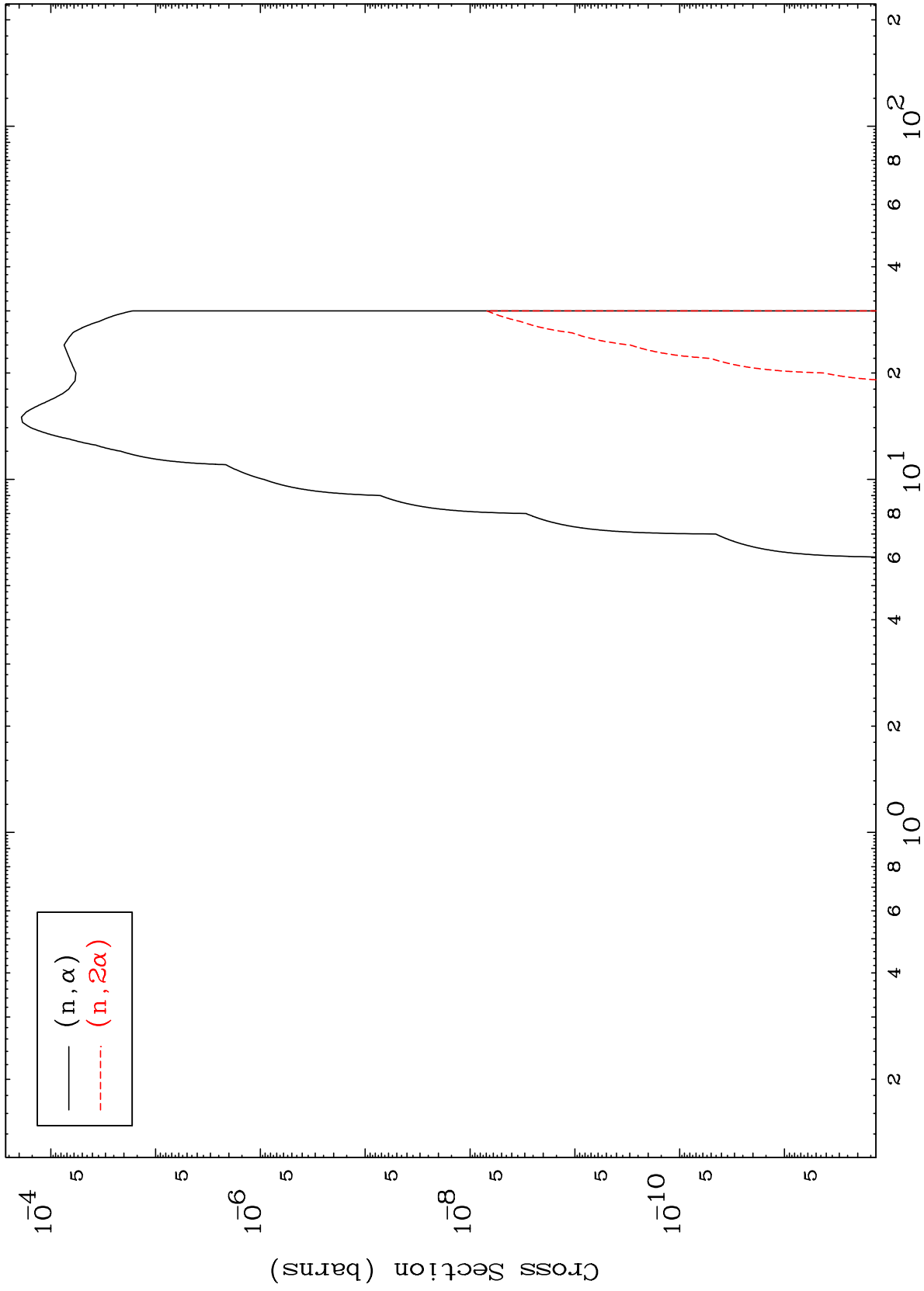
Incident Energy (MeV)

62-Sm-144

MAT 6225

(γ, α) Levels
0 Kelvin Cross Sections

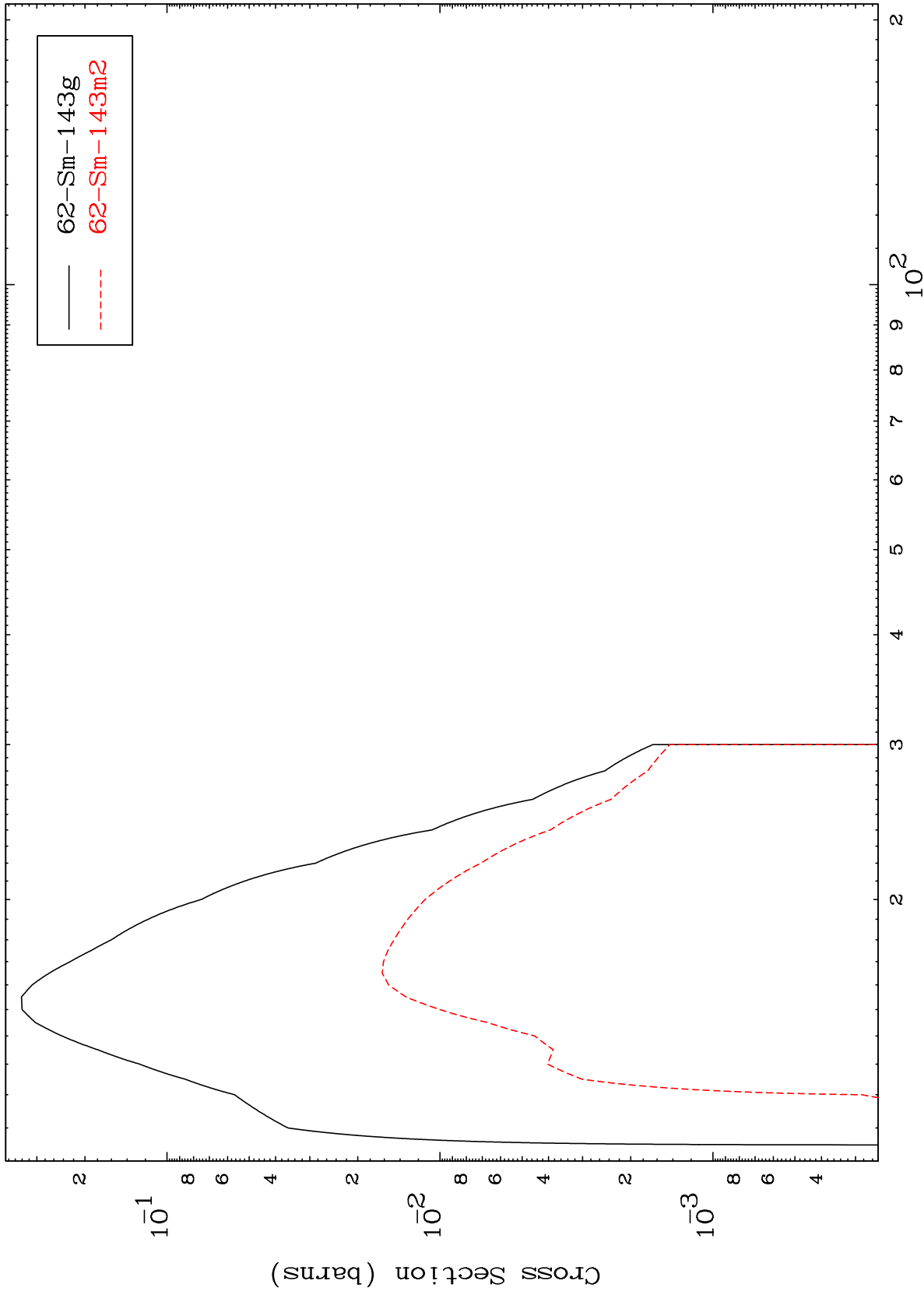
62-Sm-144



MAT 6225

62-Sm-144

Inelastic
Radionuclide Production Cross Section



12

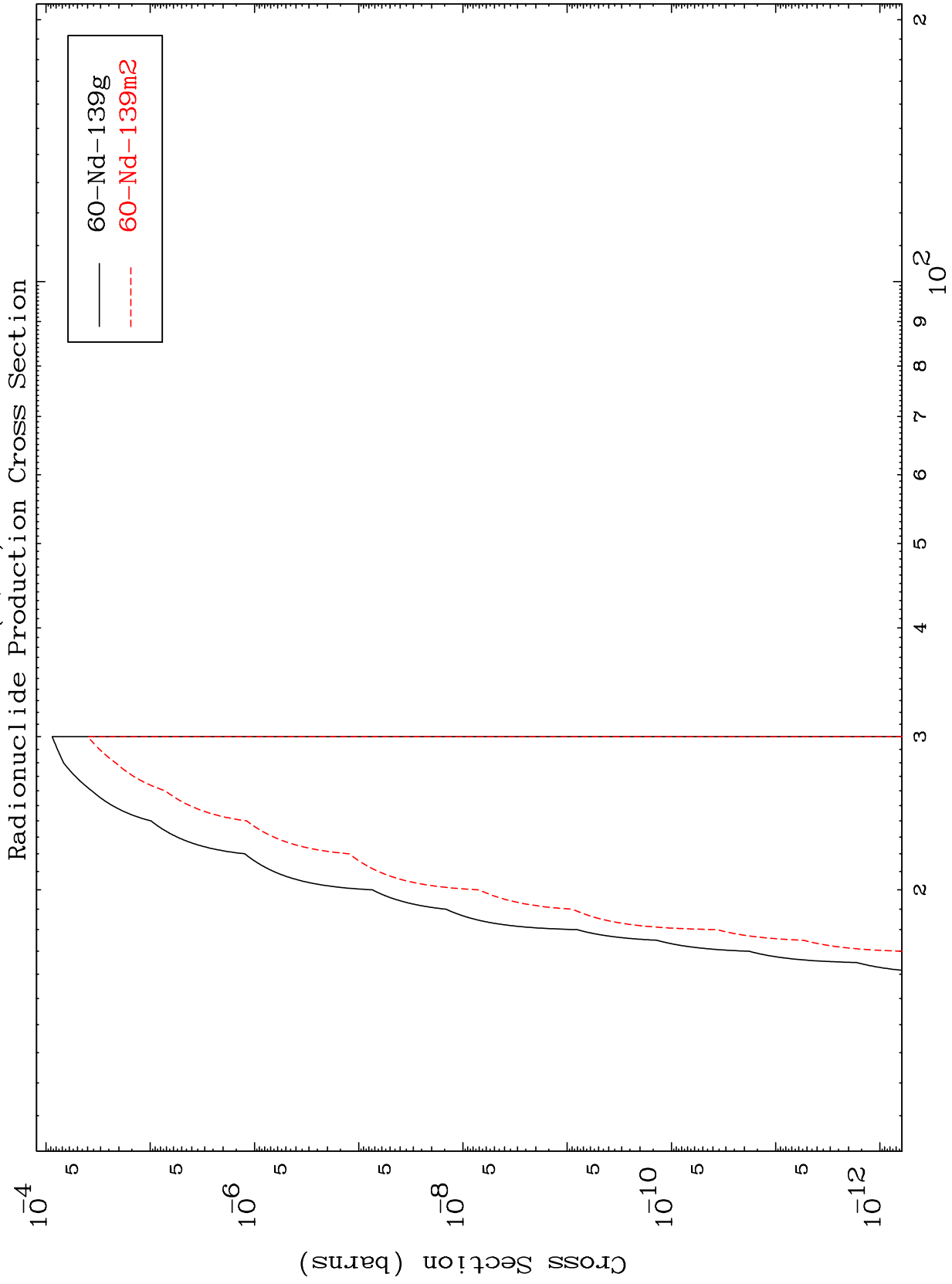
Incident Energy (MeV)

62-Sm-144

MAT 6225

(n,n') α

62-Sm-144



13

Incident Energy (MeV)

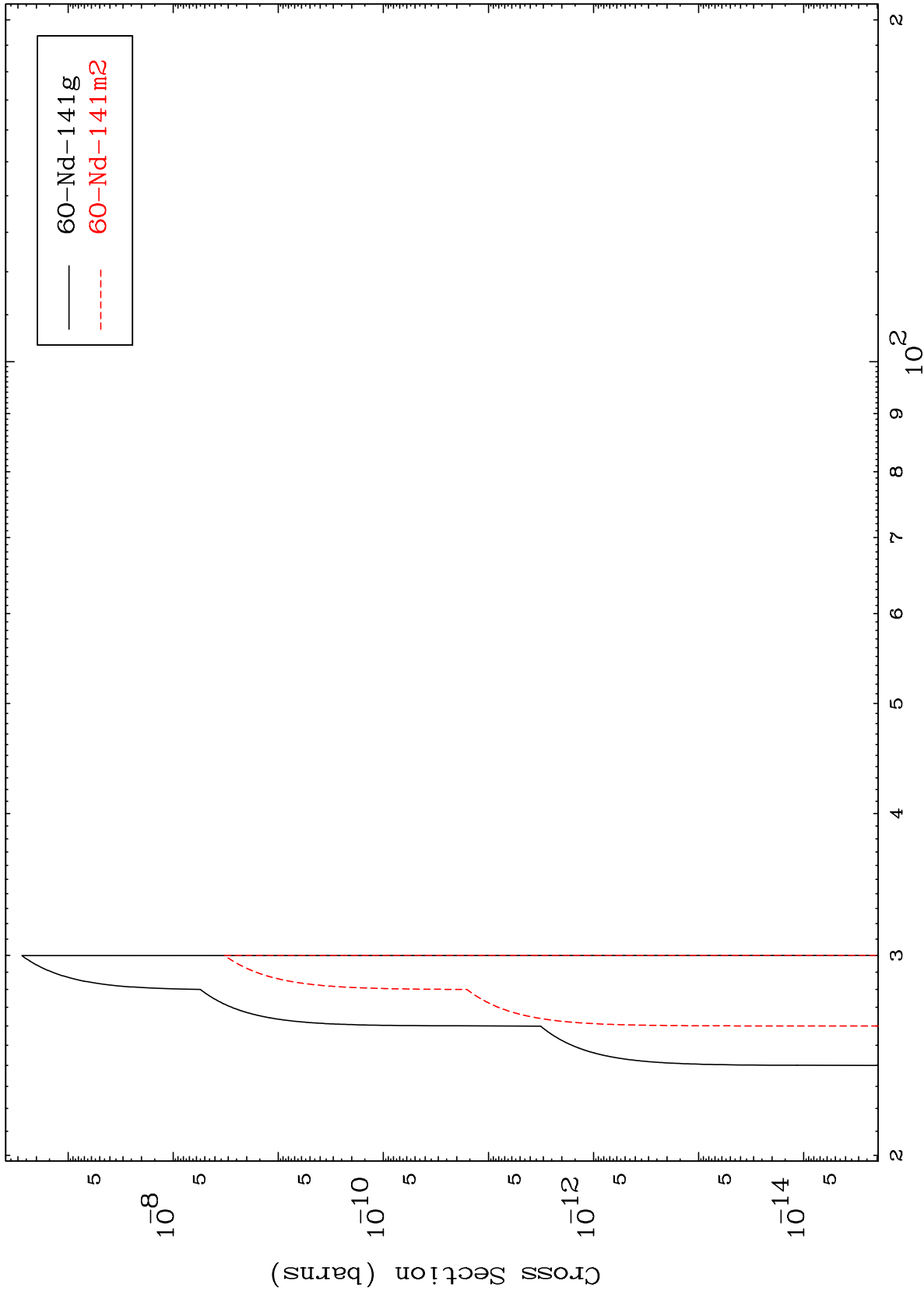
62-Sm-144

MAT 6225

(n,2n) p

62-Sm-144

Radionuclide Production Cross Section



14

Incident Energy (MeV)

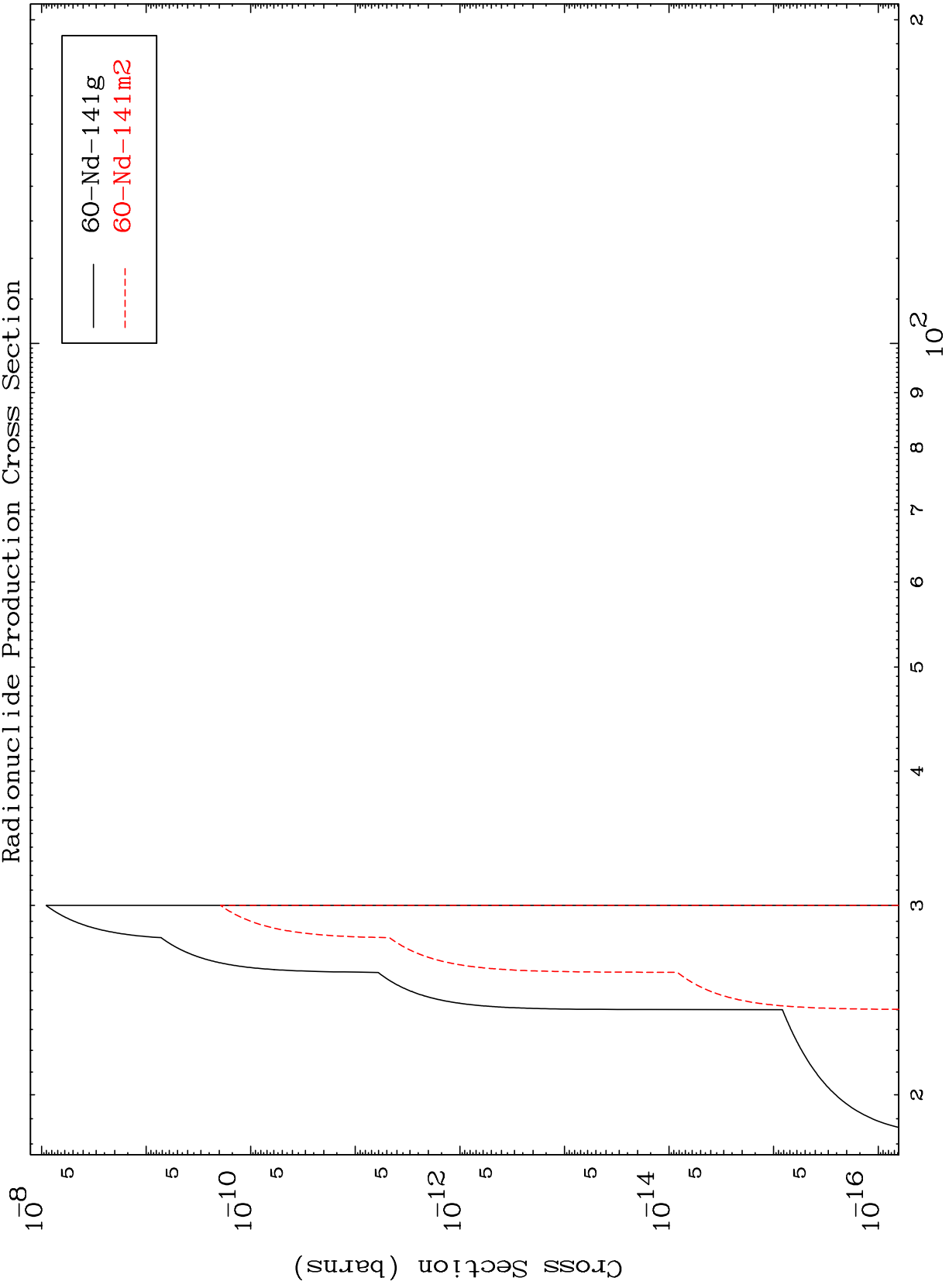
62-Sm-144

MAT 6225

(n,p) d

62-Sm-144

Radionuclide Production Cross Section



15

Incident Energy (MeV)

62-Sm-144