

Program EVALPLOT
(Version 2018-1)

by

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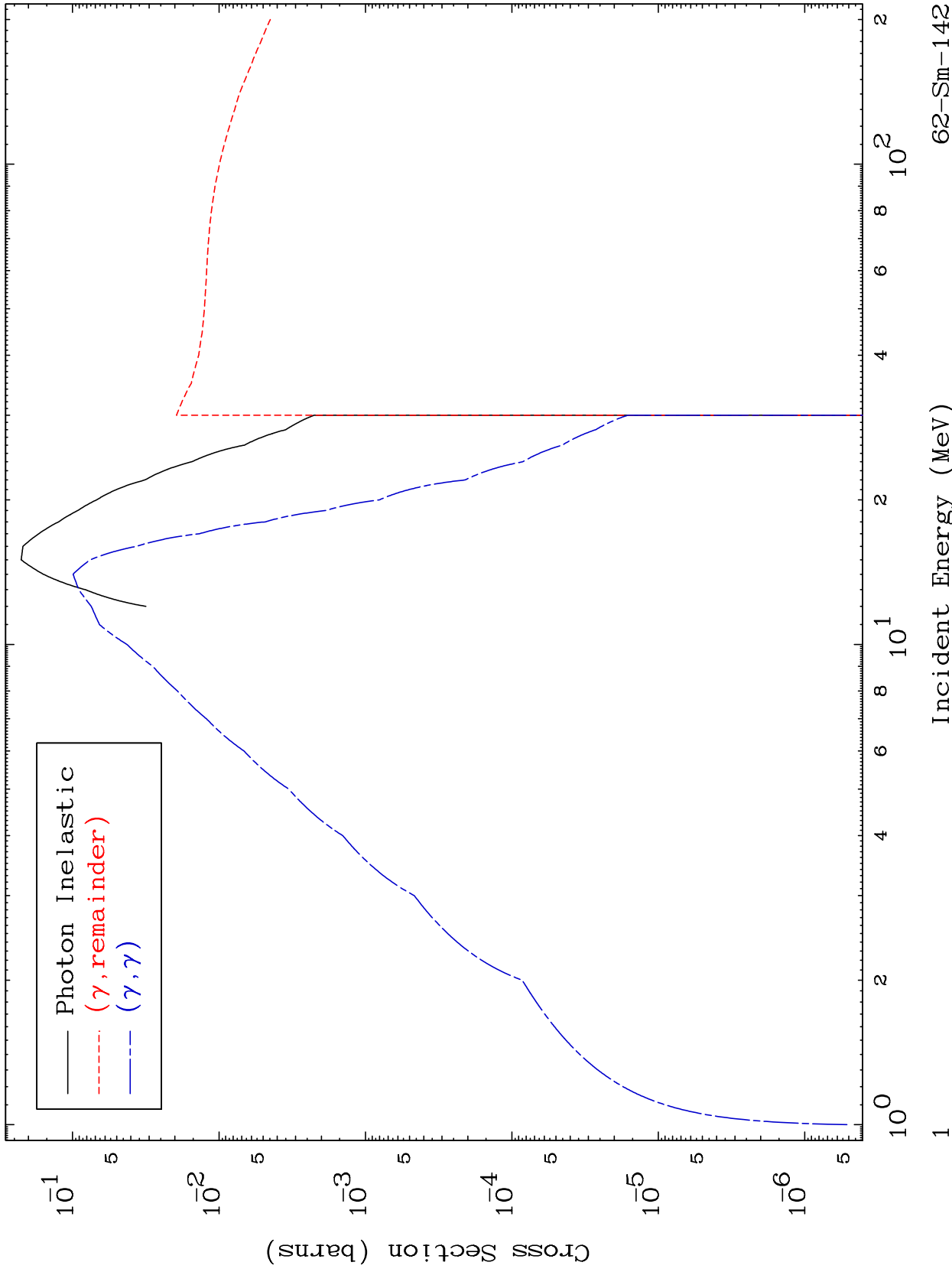
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

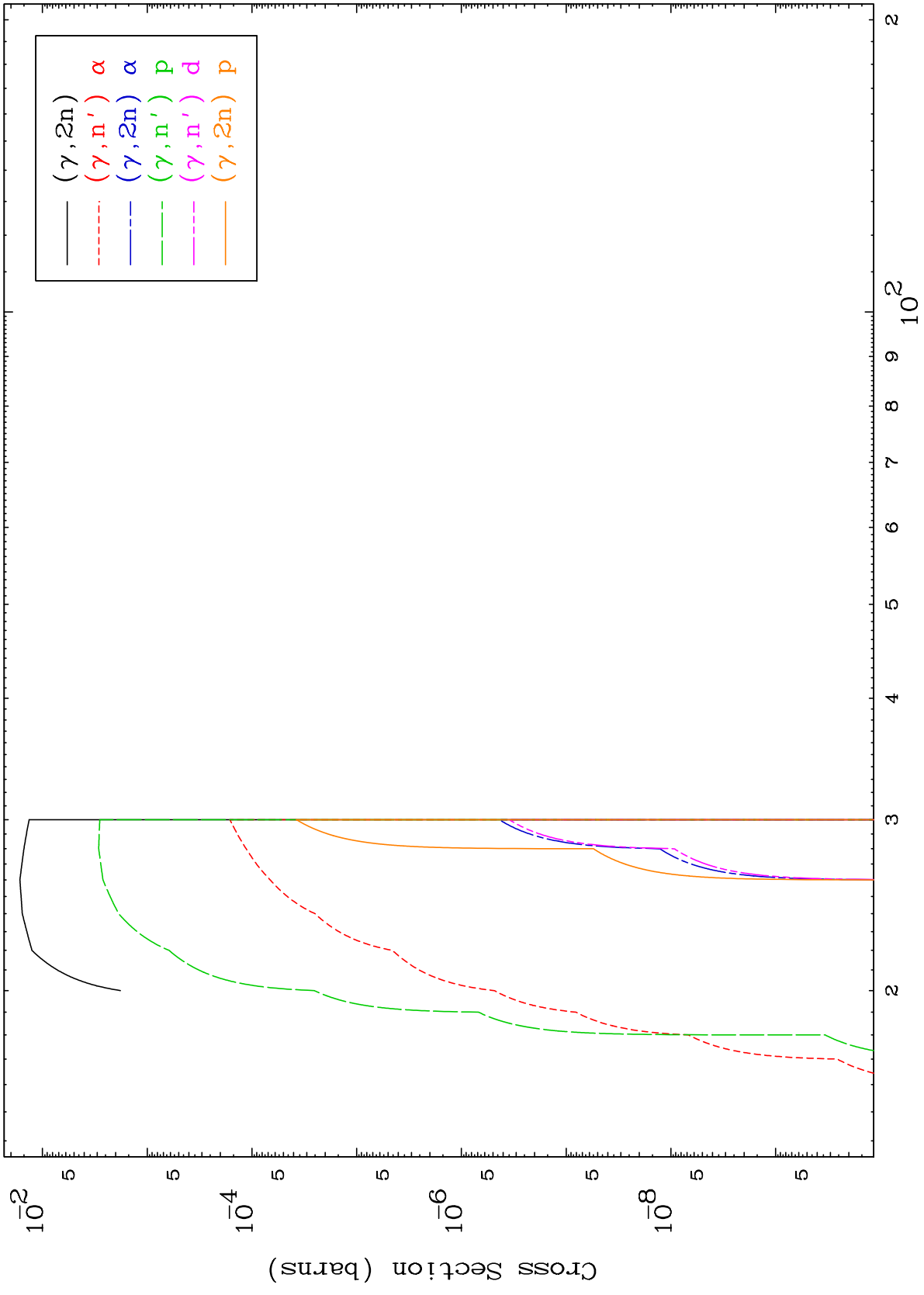
Press Mouse Button to Start

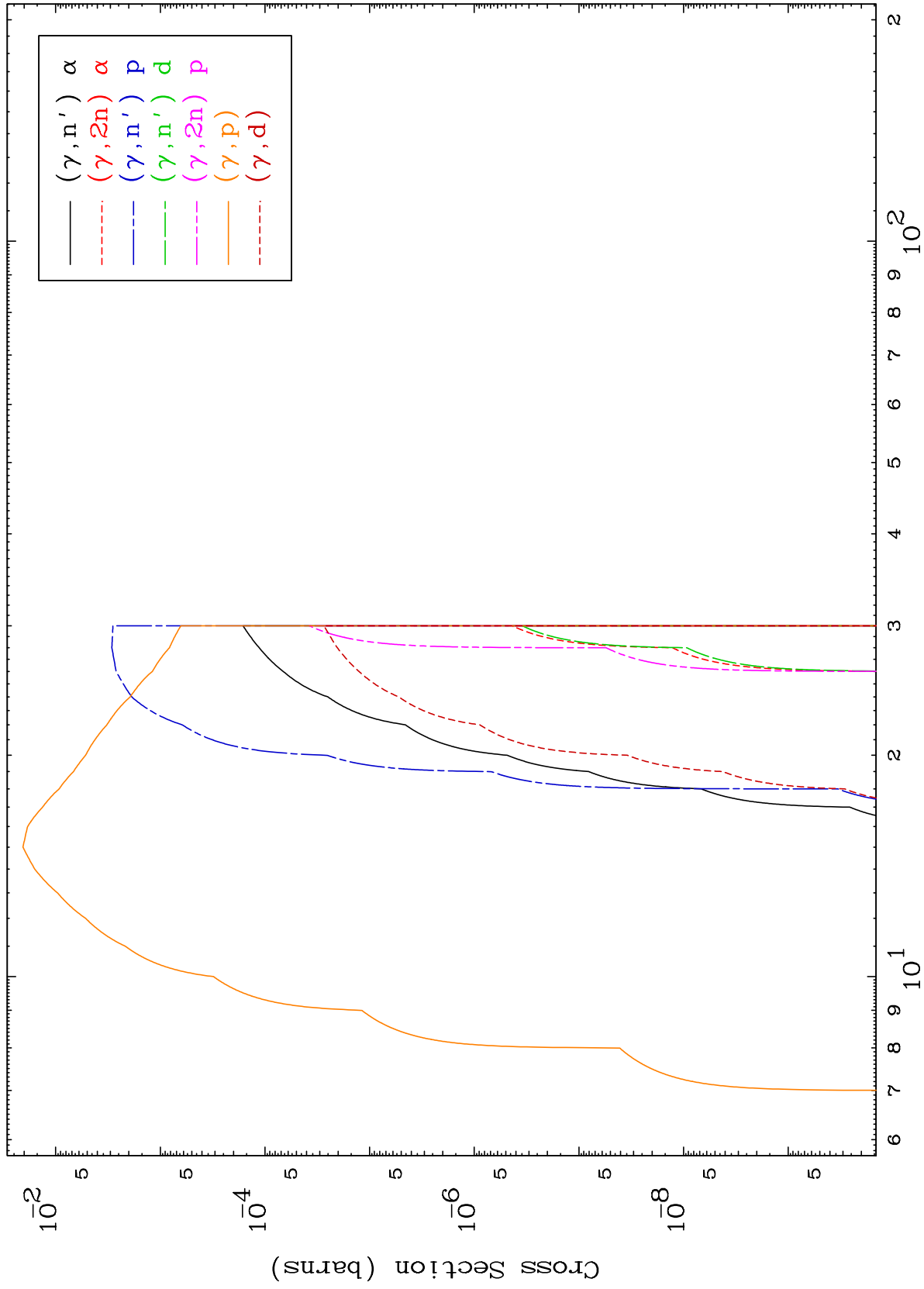
MAT 6219

Photon Major
0 Kelvin Cross Sections

62-Sm-142



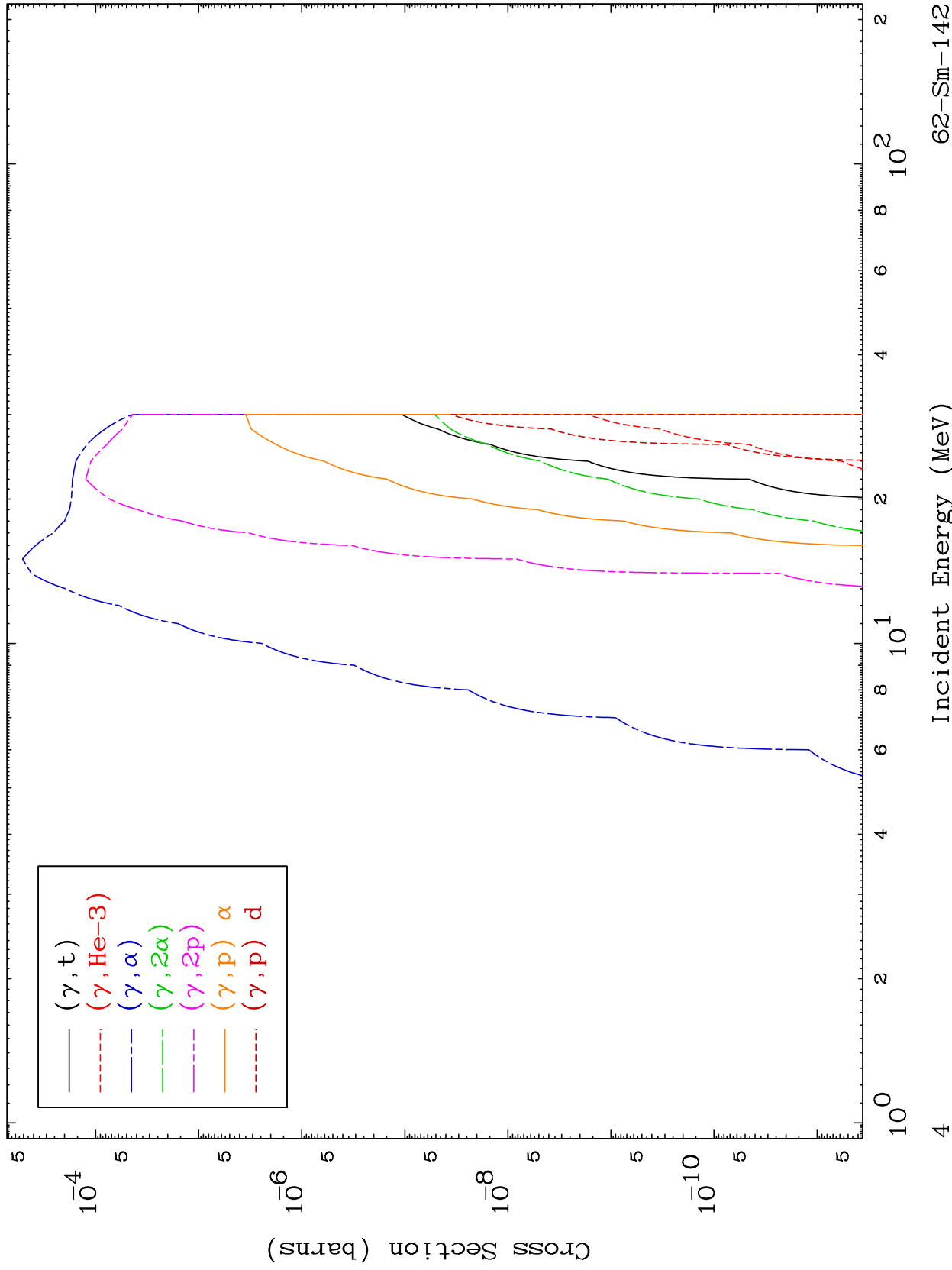




MAT 6219

Photon Charged Particle
0 Kelvin Cross Sections

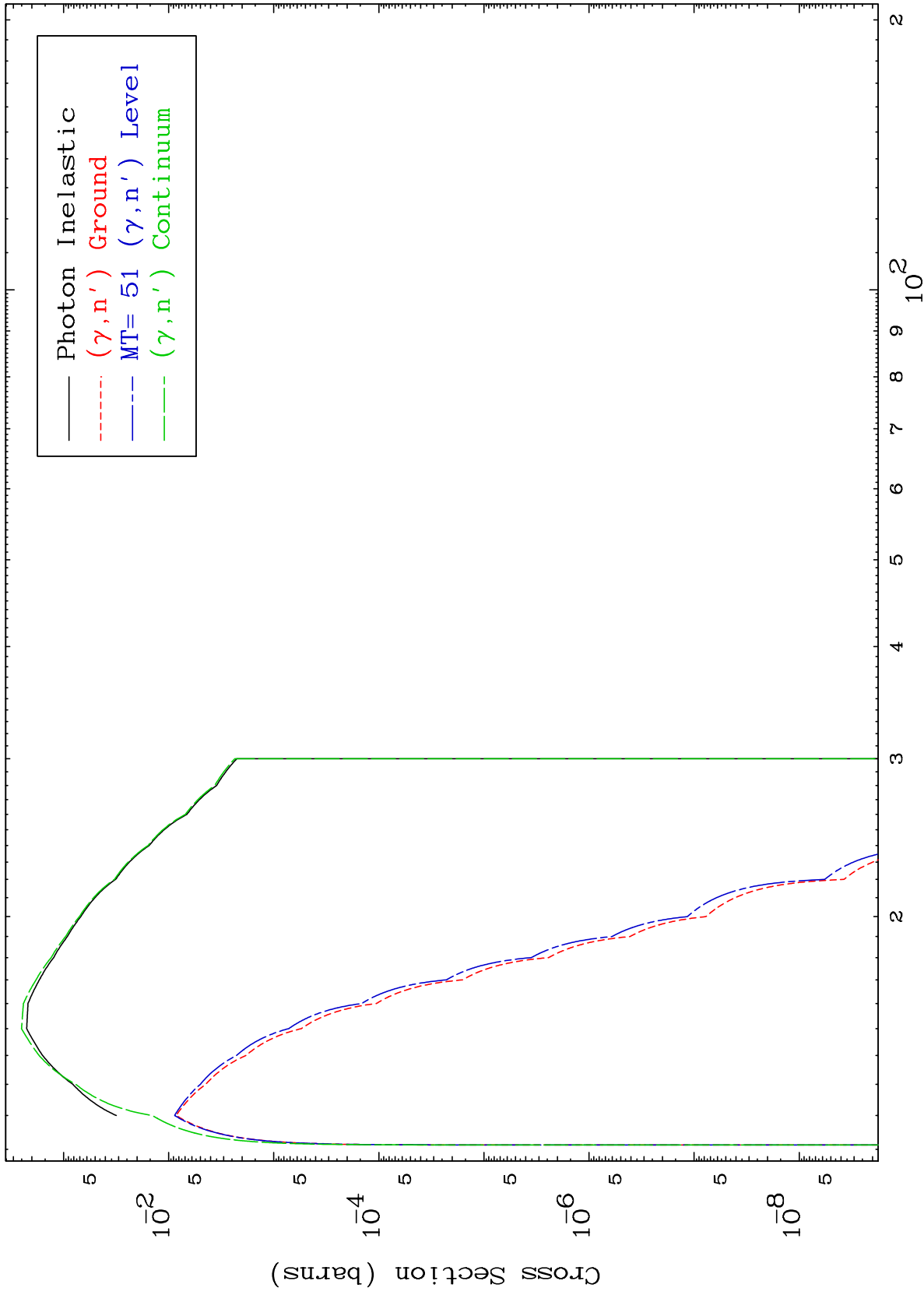
62-Sm-142



MAT 6219

(γ, n') Level
0 Kelvin Cross Sections

62-Sm-142



5

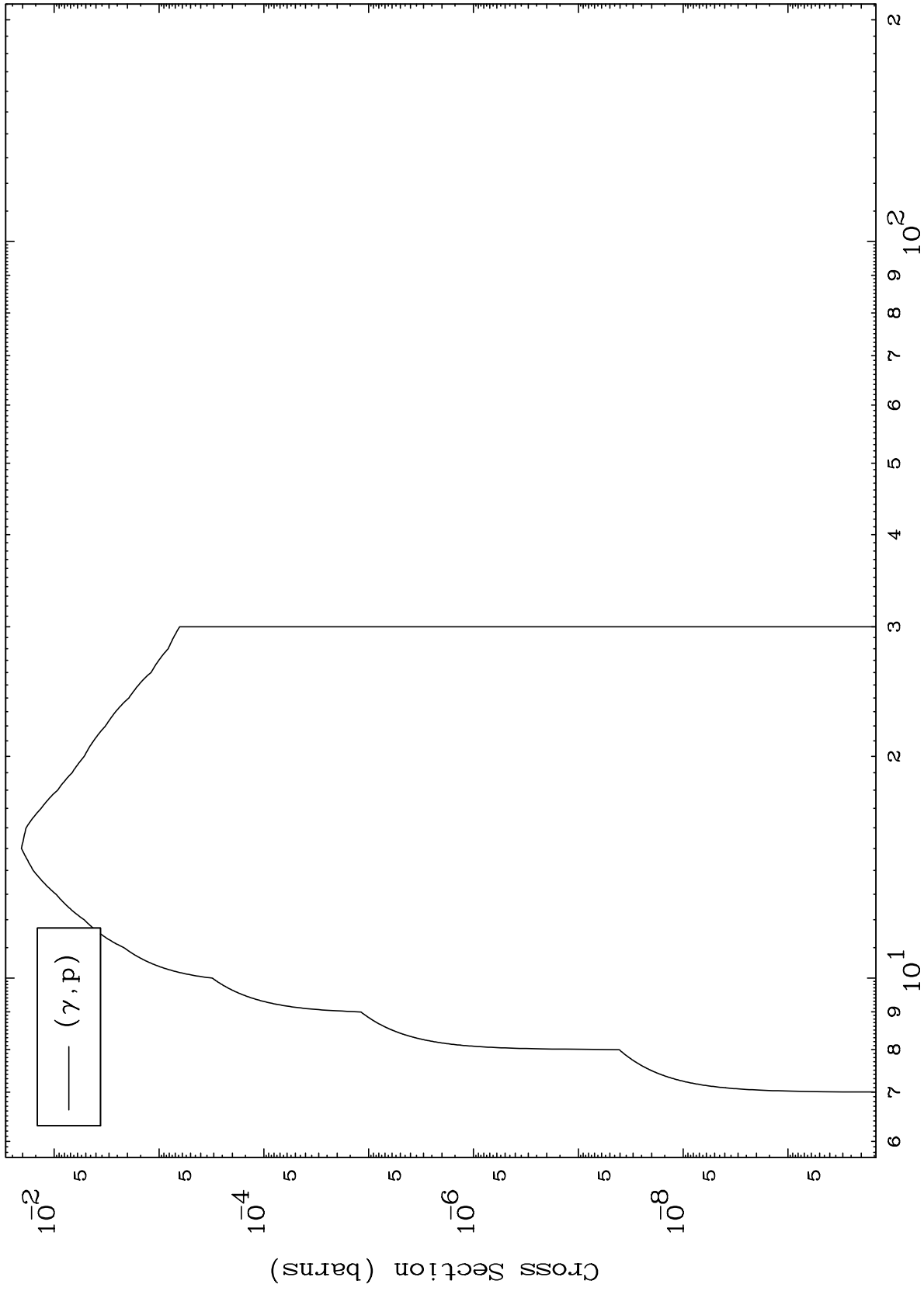
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

(γ, p) Levels
0 Kelvin Cross Sections



6

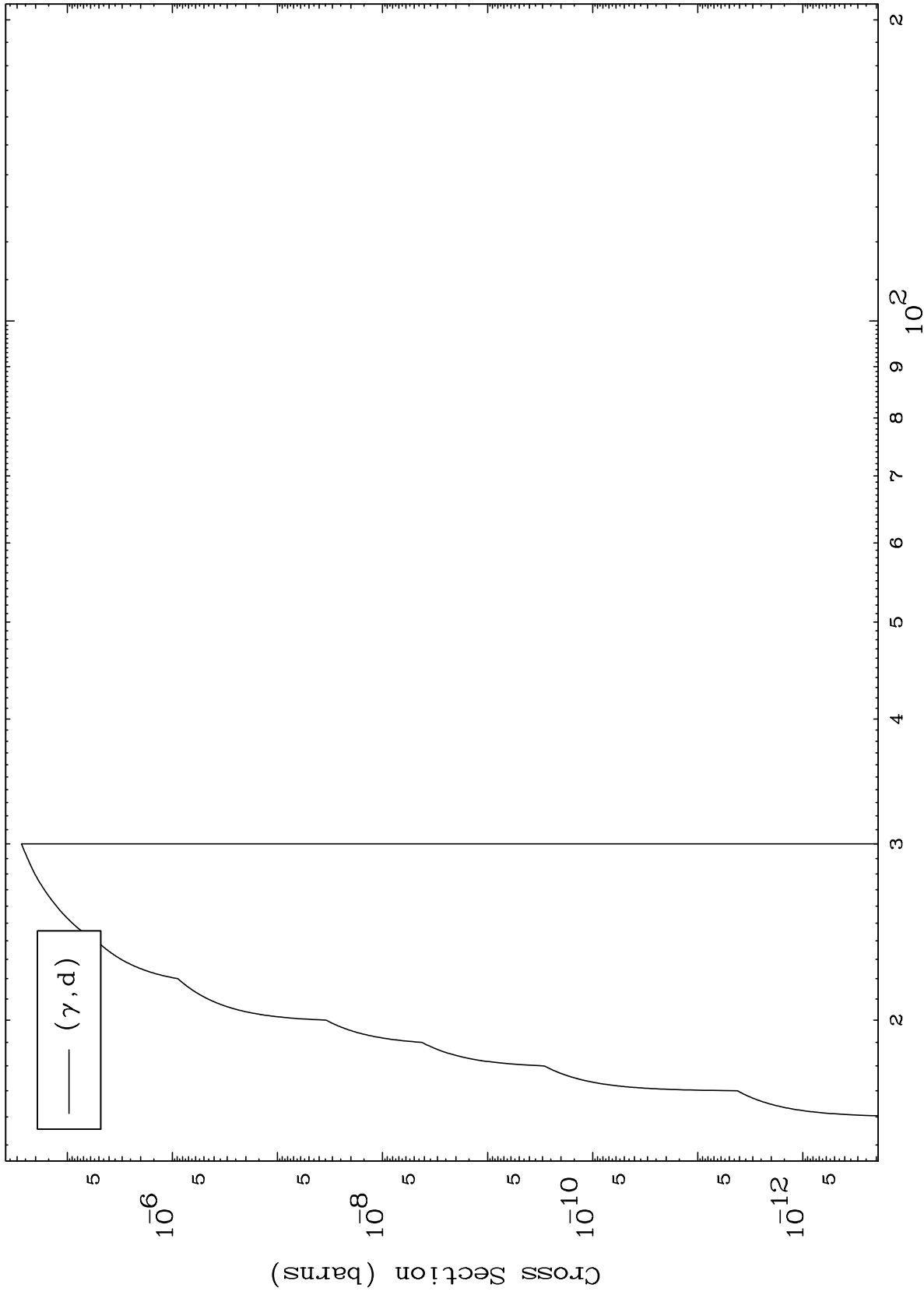
Incident Energy (MeV)

62-Sm-142

MAT 6219

(γ, d) Levels
0 Kelvin Cross Sections

62-Sm-142



7

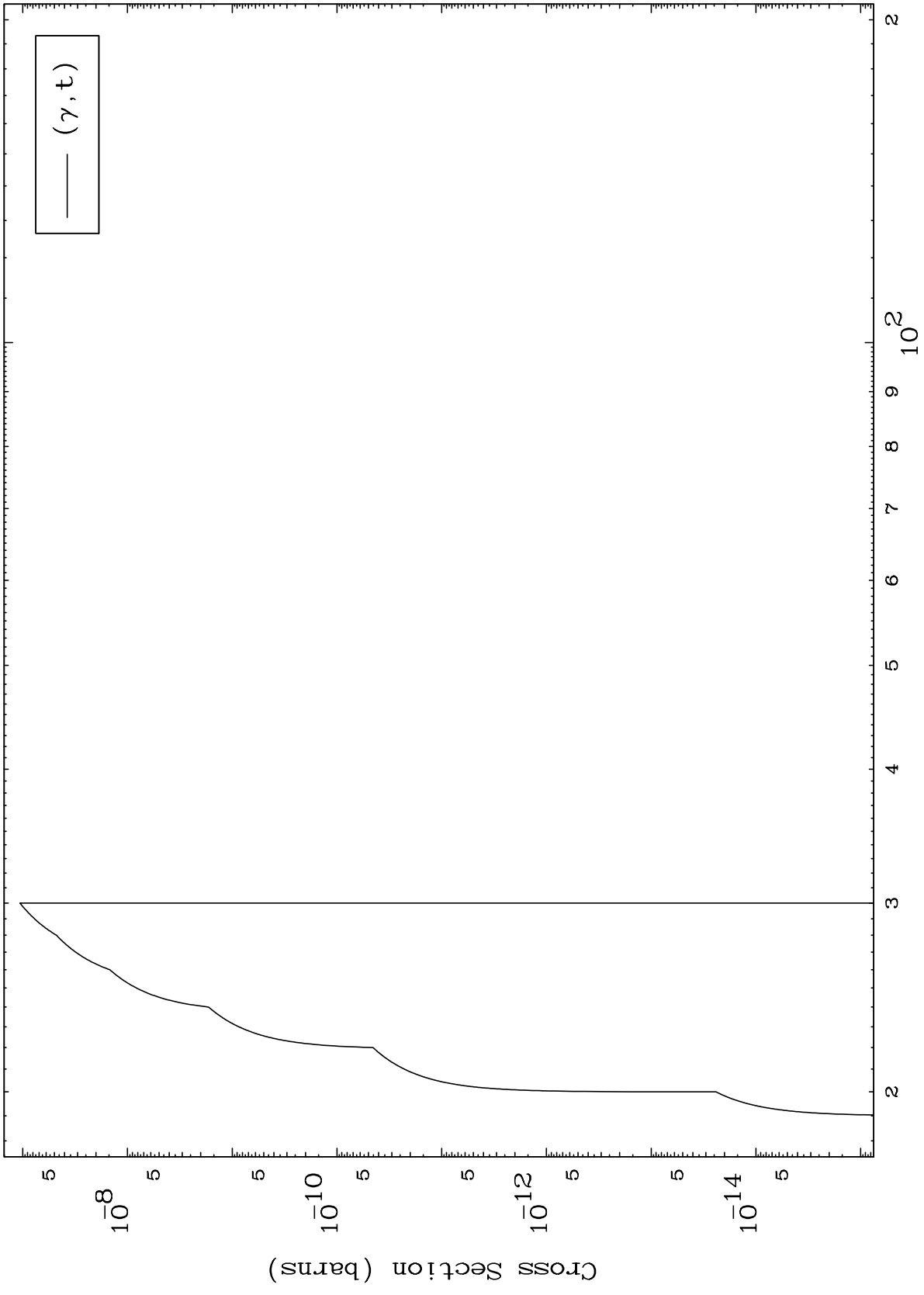
Incident Energy (MeV)

62-Sm-142

MAT 6219

(γ, t) Levels
0 Kelvin Cross Sections

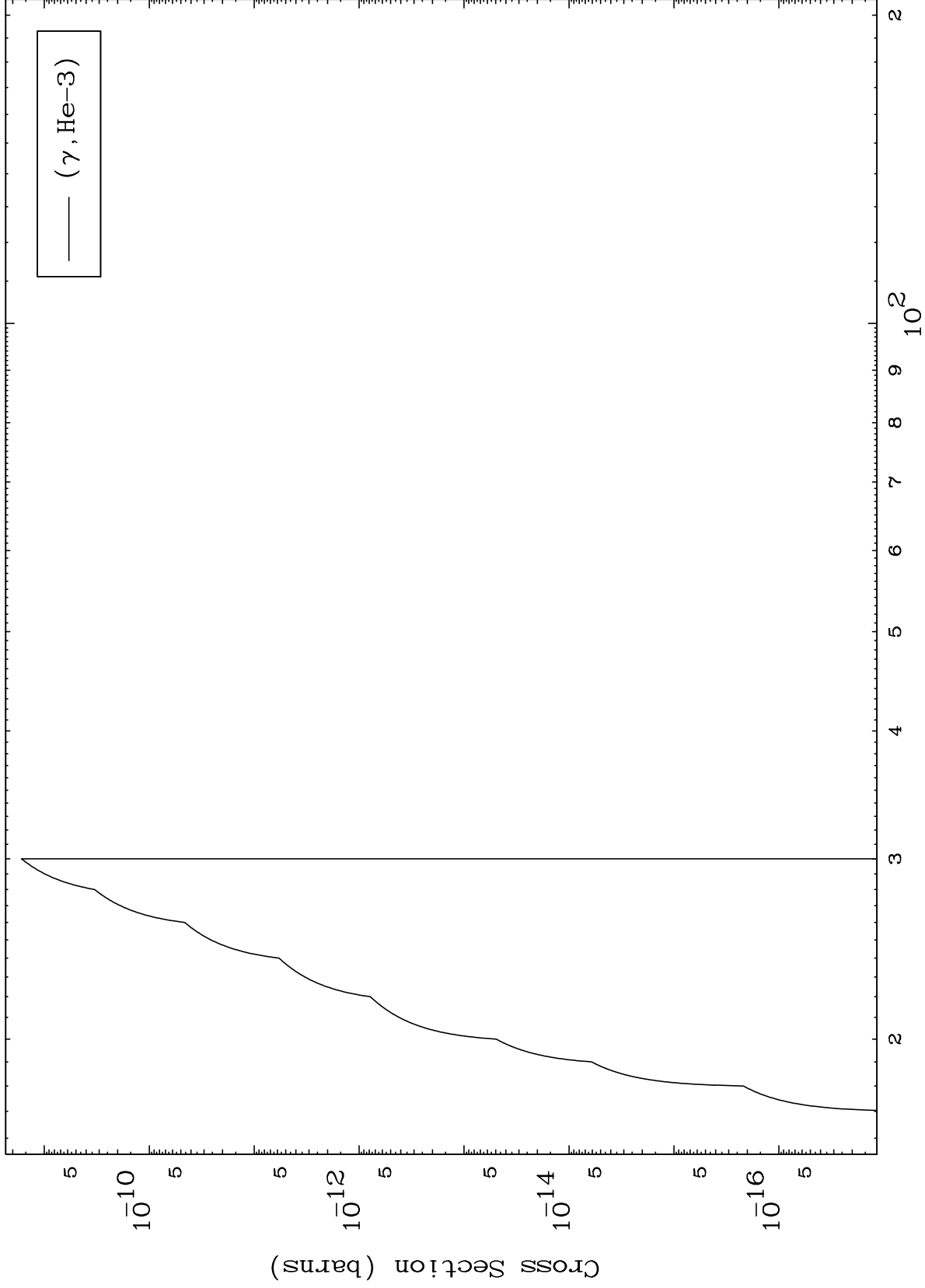
62-Sm-142



8

Incident Energy (MeV)

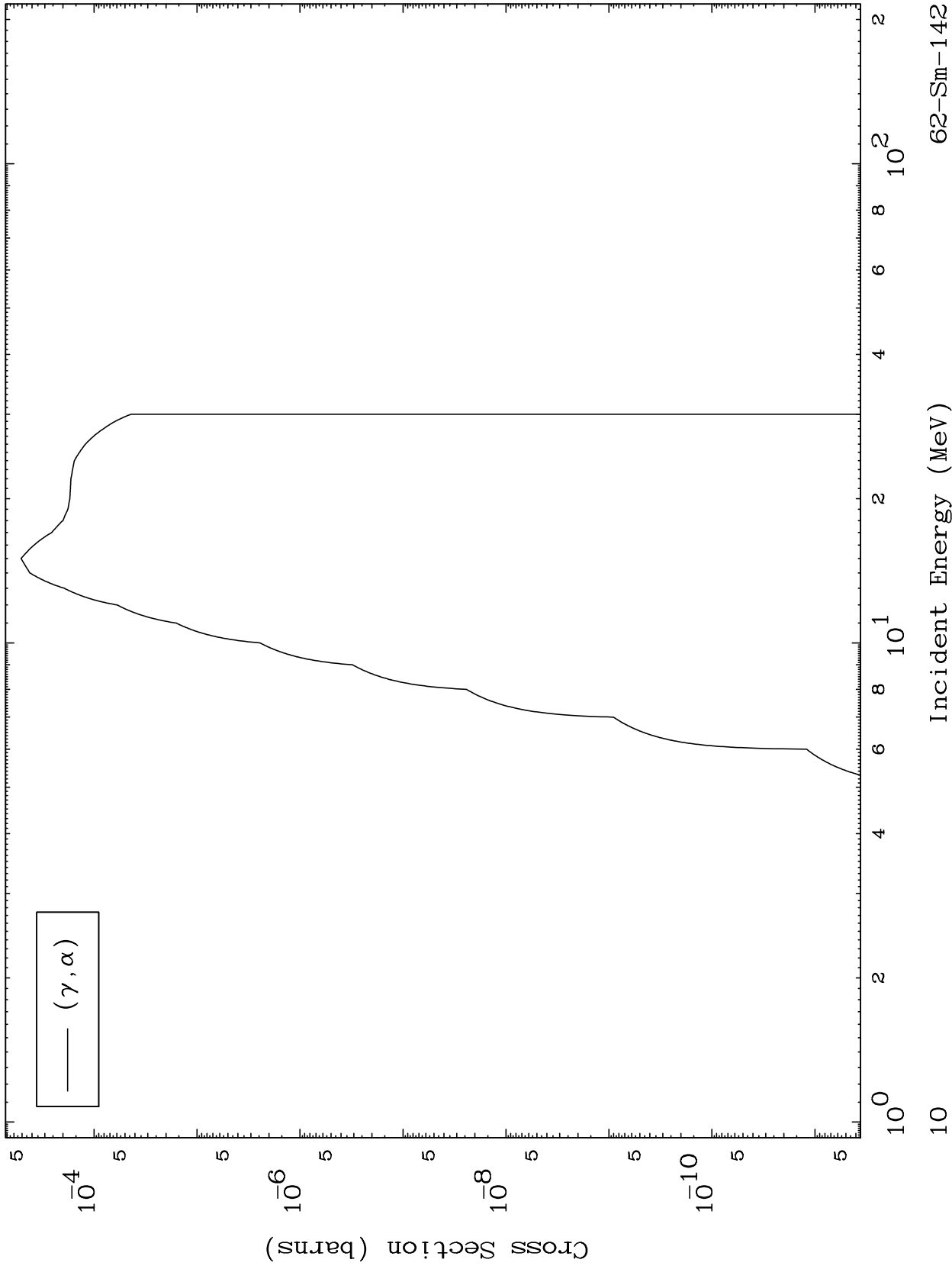
62-Sm-142



MAT 6219

(γ, α) Levels
0 Kelvin Cross Sections

62-Sm-142

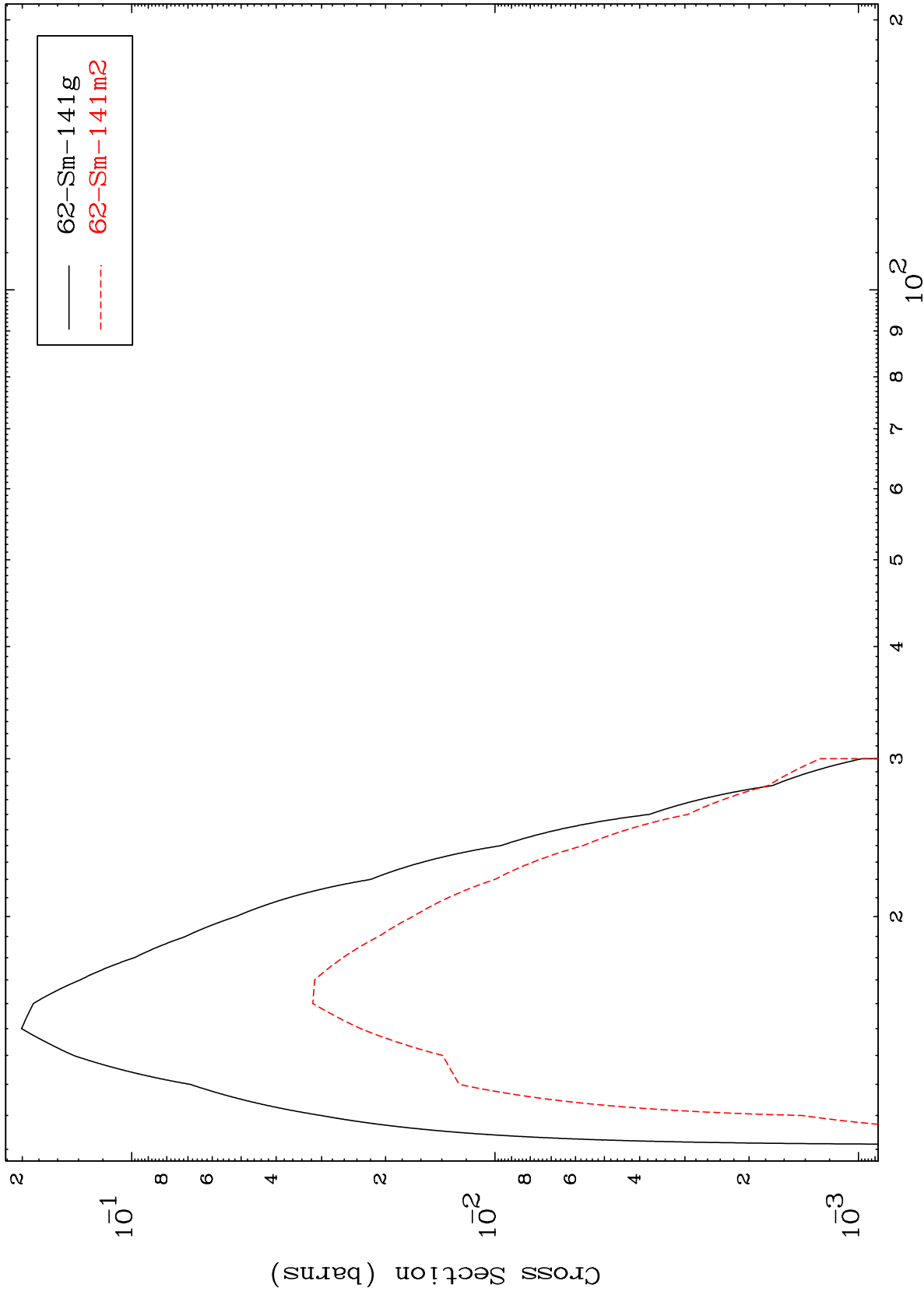


62-Sm-142

MAT 6219

62-Sm-142

Photon Inelastic
Radionuclide Production Cross Section



11

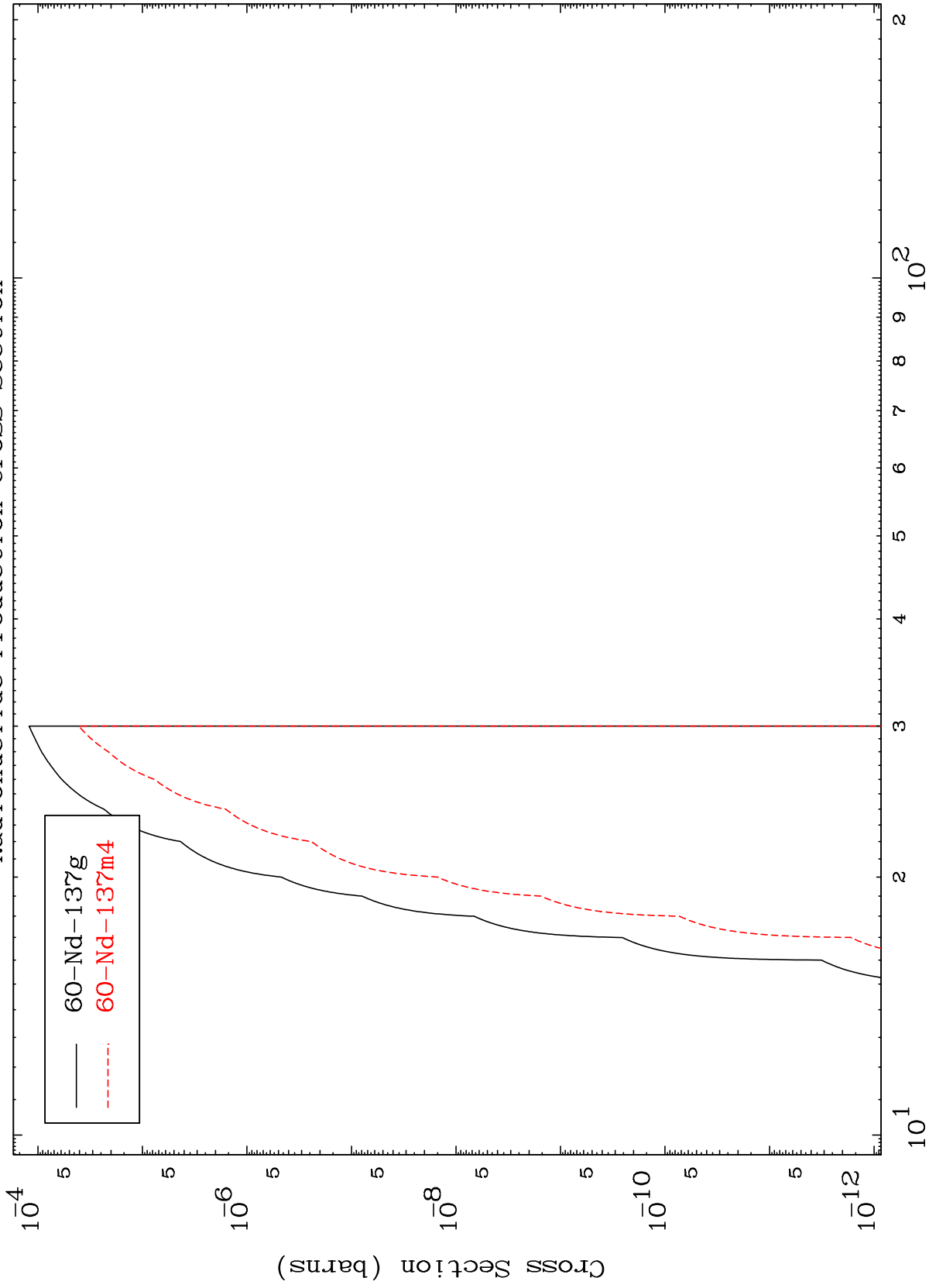
62-Sm-142

MAT 6219

(γ, n') α

62-Sm-142

Radionuclide Production Cross Section



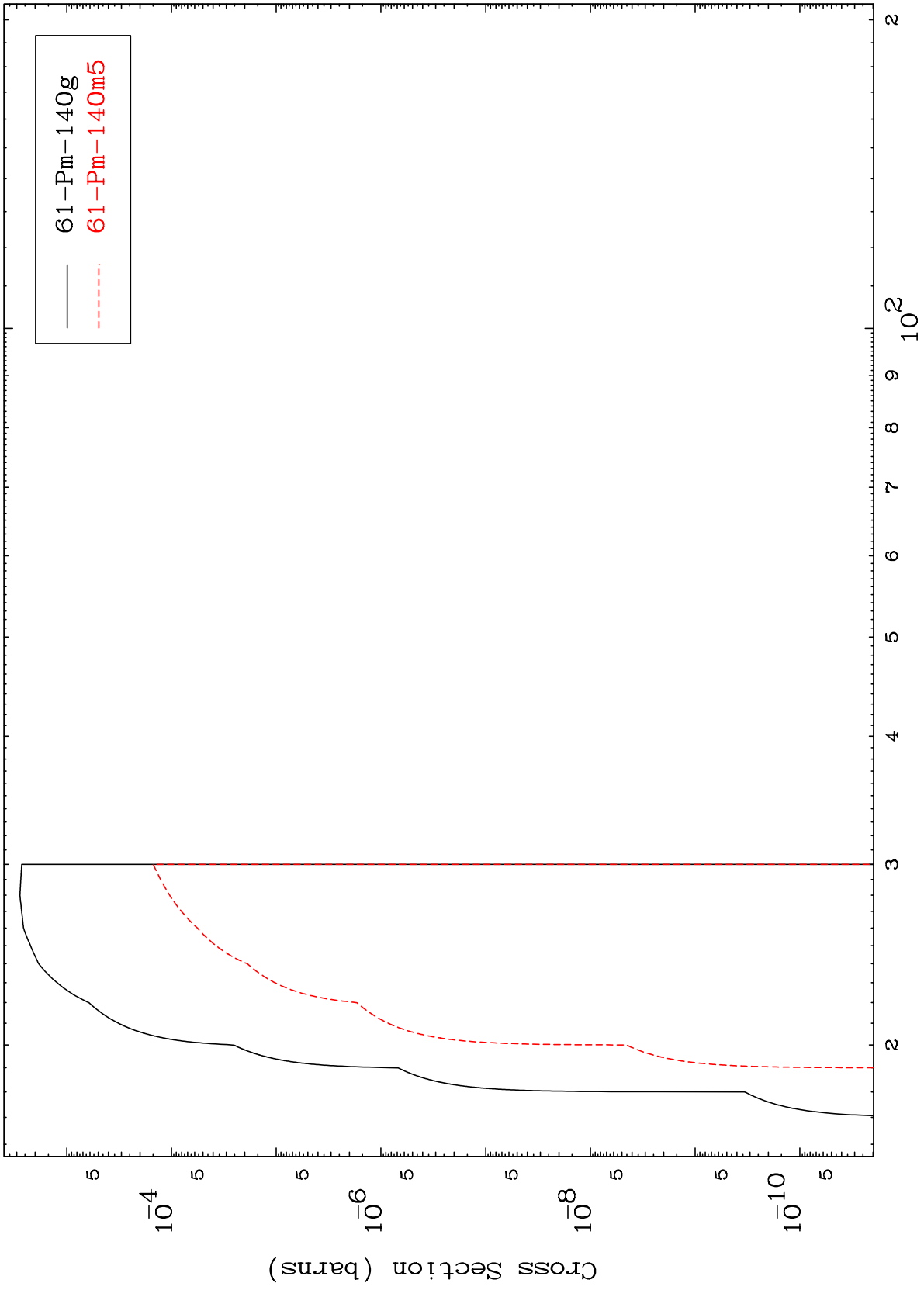
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

(γ, n') p
Radionuclide Production Cross Section



13

Incident Energy (MeV)

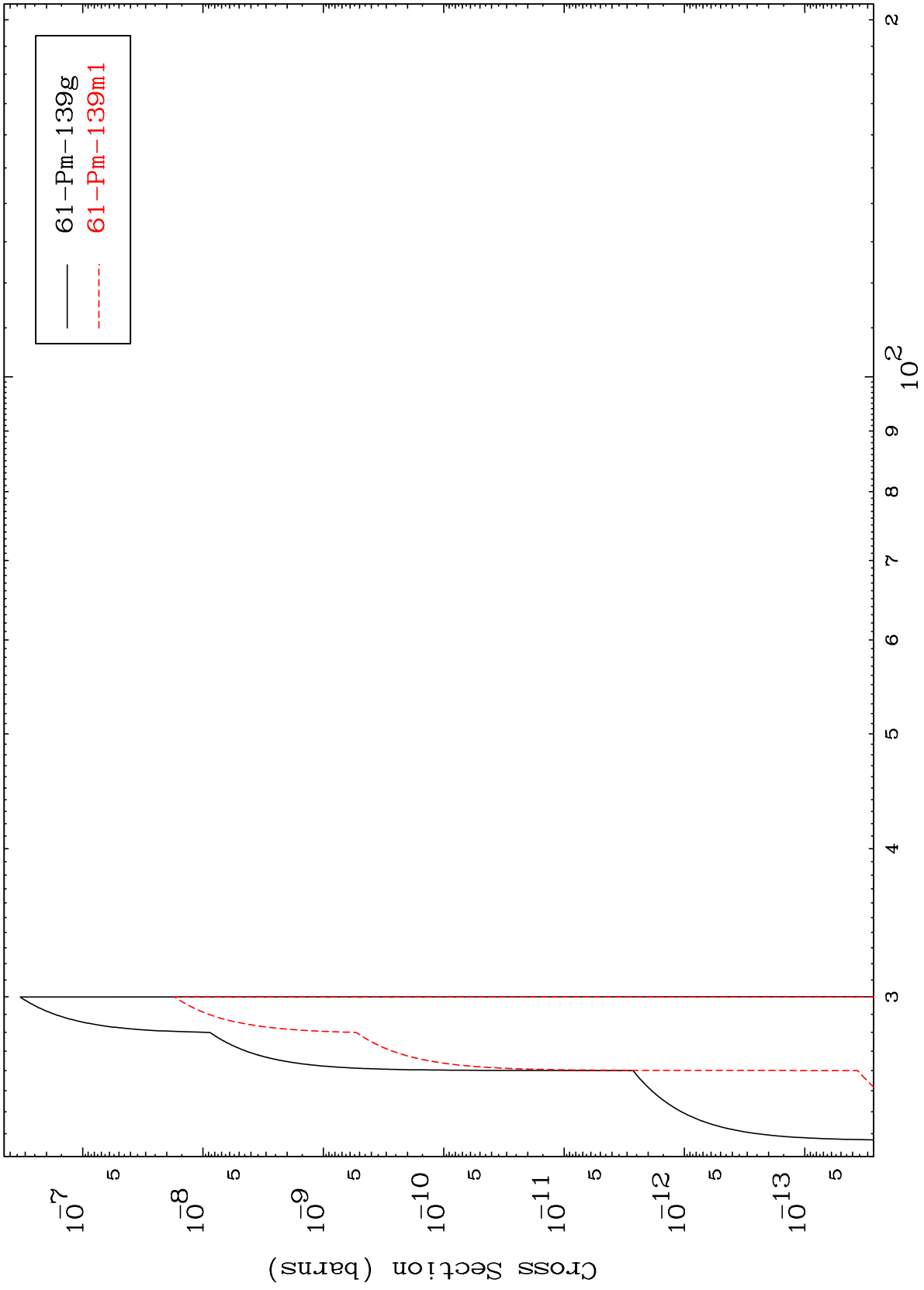
62-Sm-142

MAT 6219

(γ, n') d

62-Sm-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

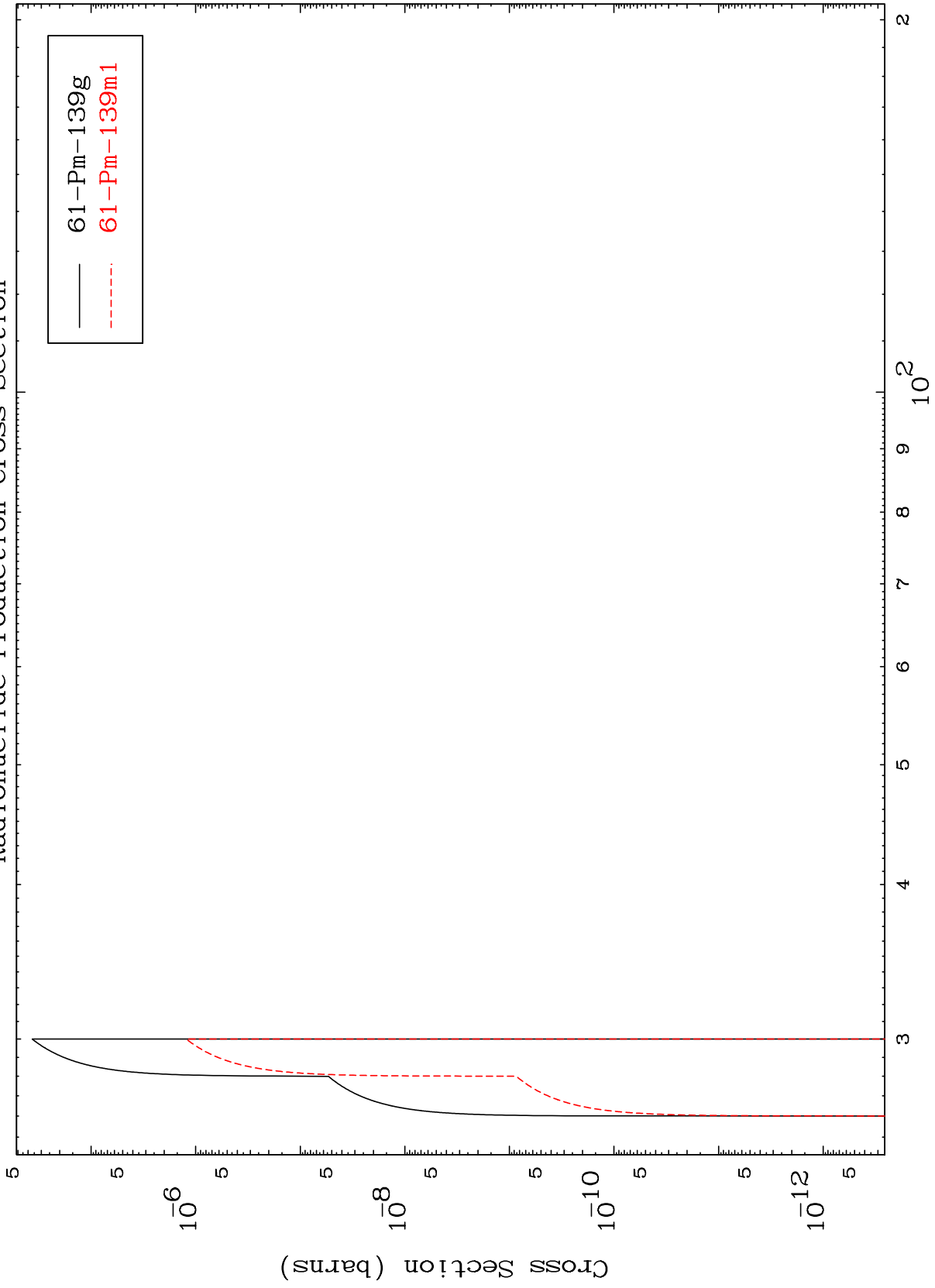
62-Sm-142

MAT 6219

($\gamma, 2n$) p

62-Sm-142

Radionuclide Production Cross Section



15

Incident Energy (MeV)

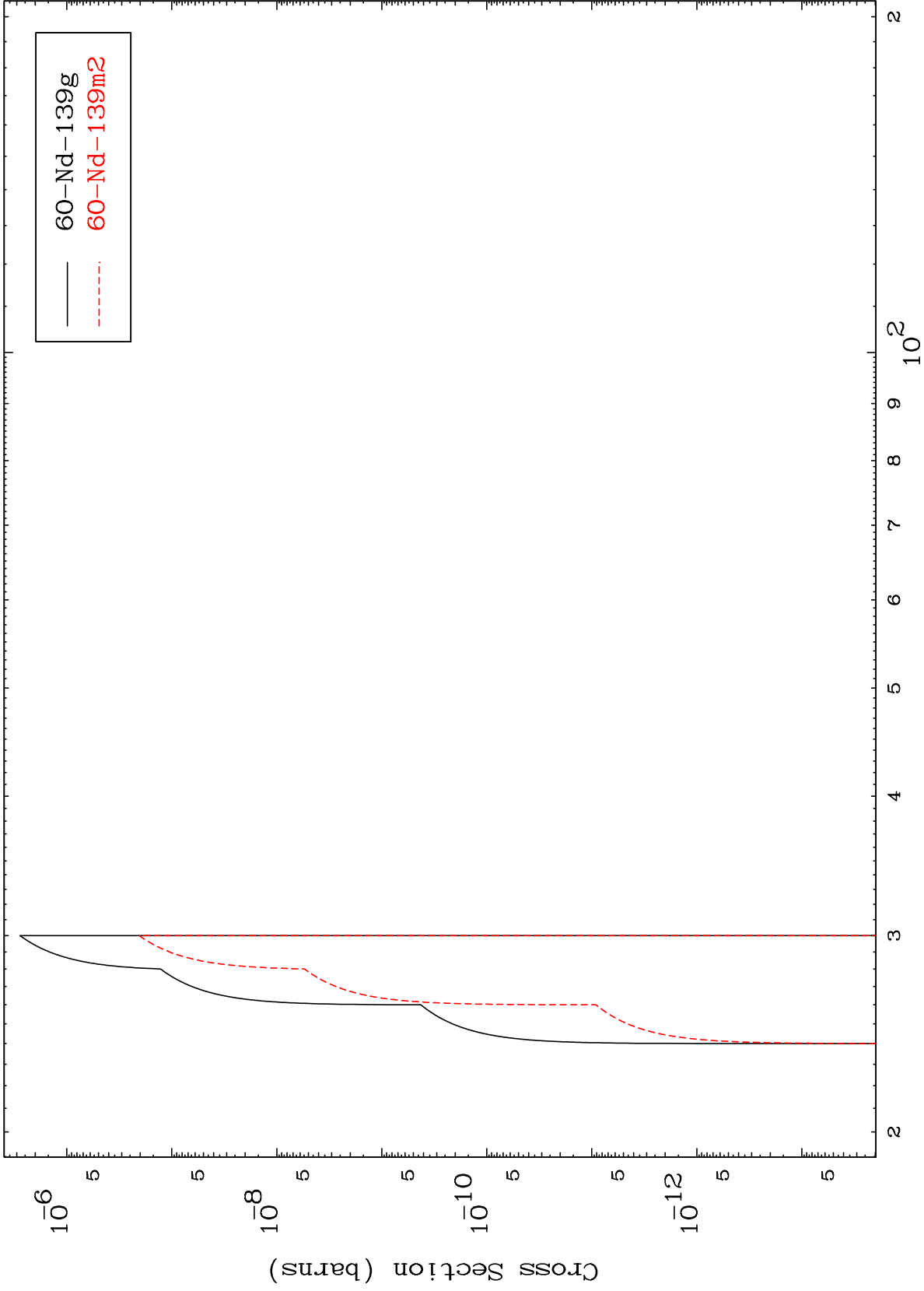
62-Sm-142

MAT 6219

($\gamma, 2n$) p

62-Sm-142

Radionuclide Production Cross Section



16

Incident Energy (MeV)

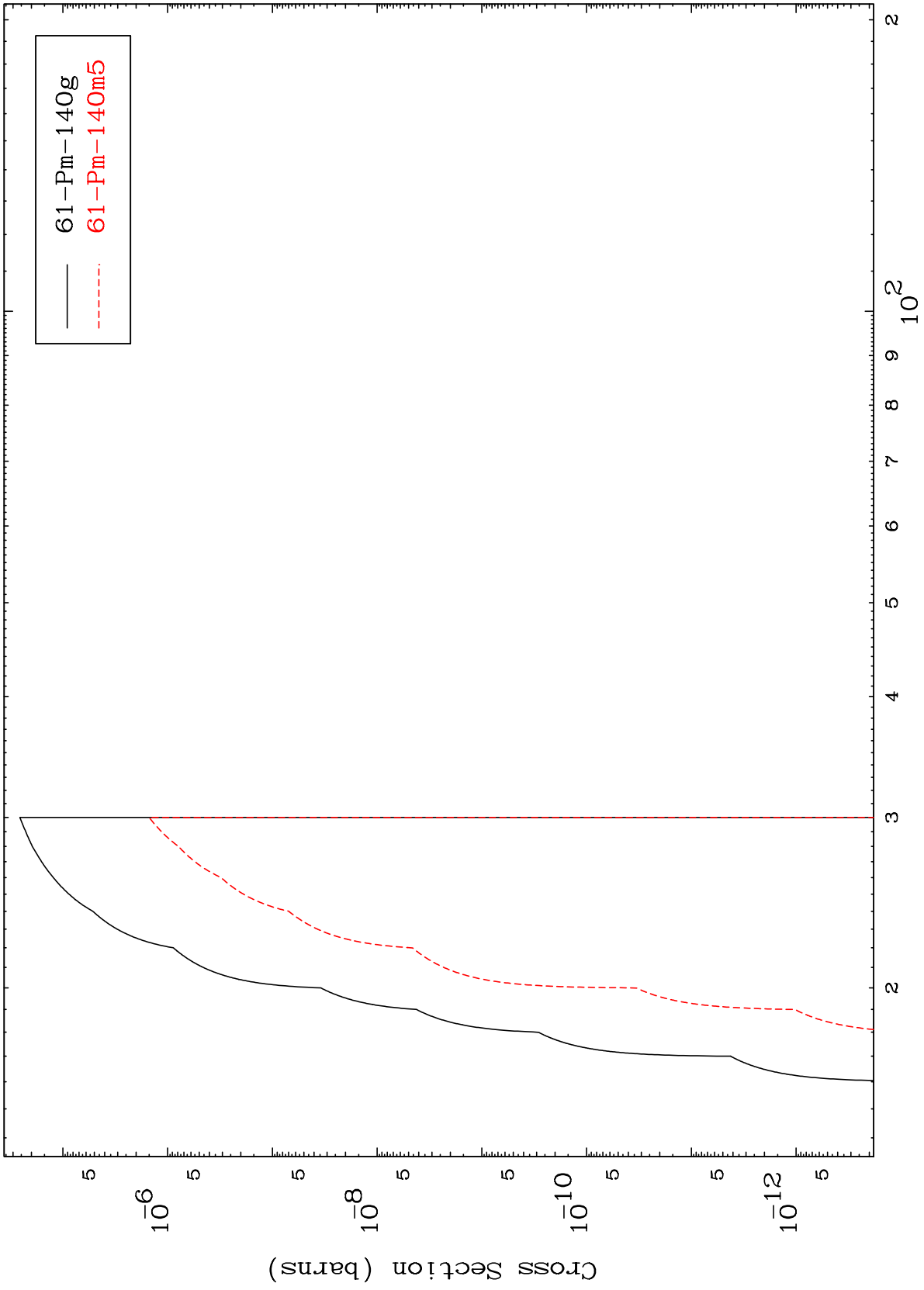
62-Sm-142

MAT 6219

(γ, d)

62-Sm-142

Radionuclide Production Cross Section



17

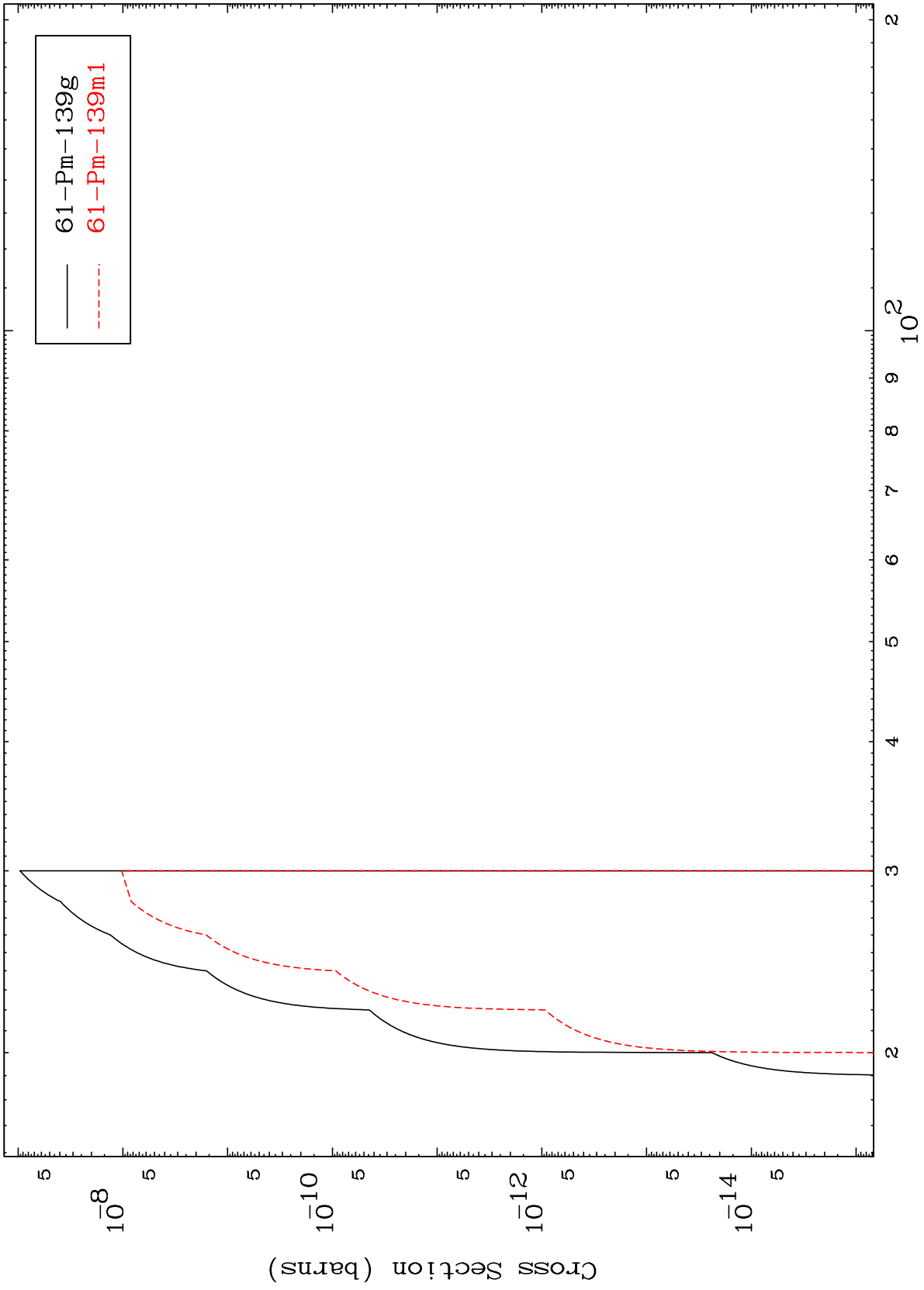
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

(γ, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

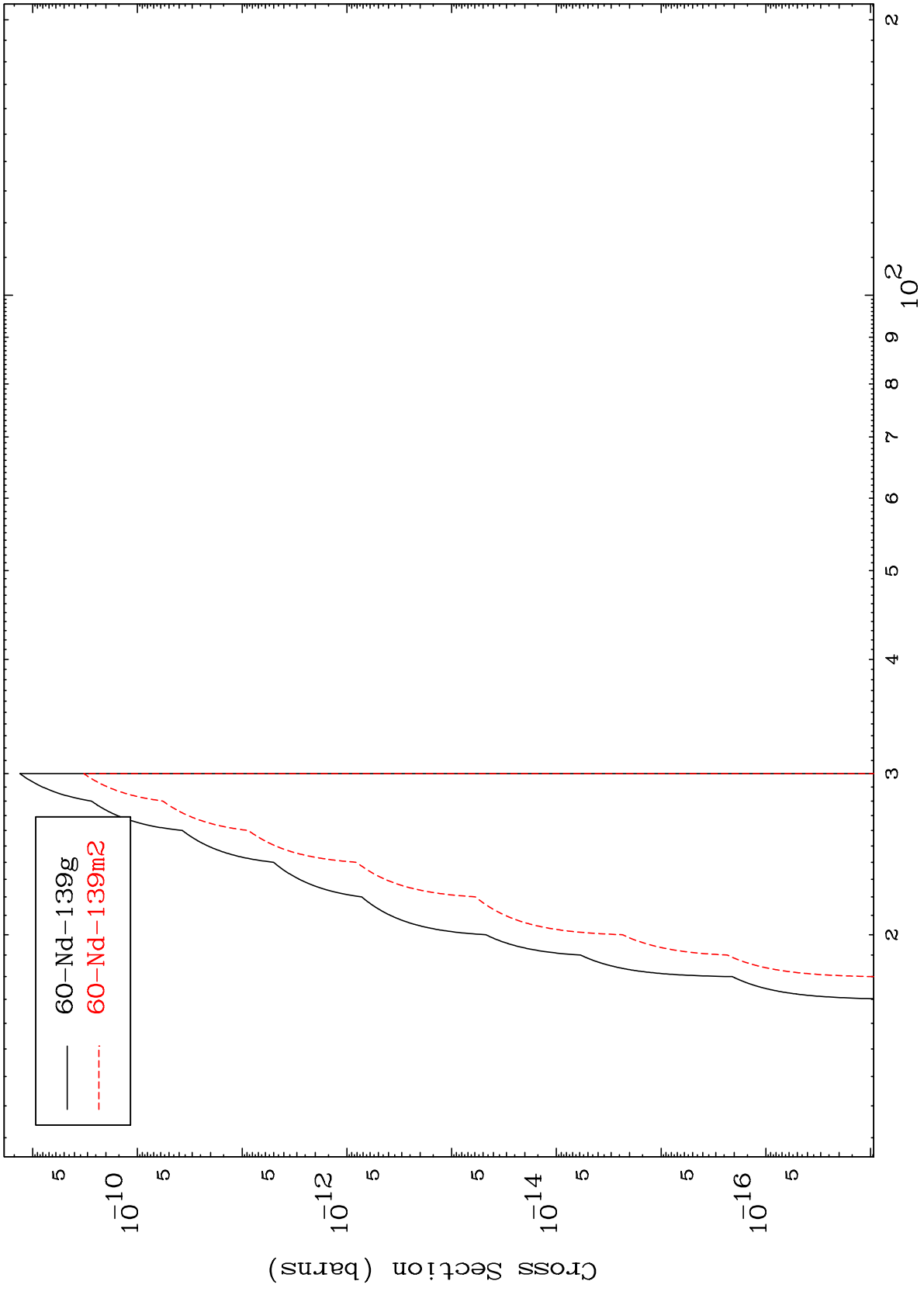
62-Sm-142

MAT 6219

($\gamma, \text{He-3}$)

62-Sm-142

Radionuclide Production Cross Section



19

Incident Energy (MeV)

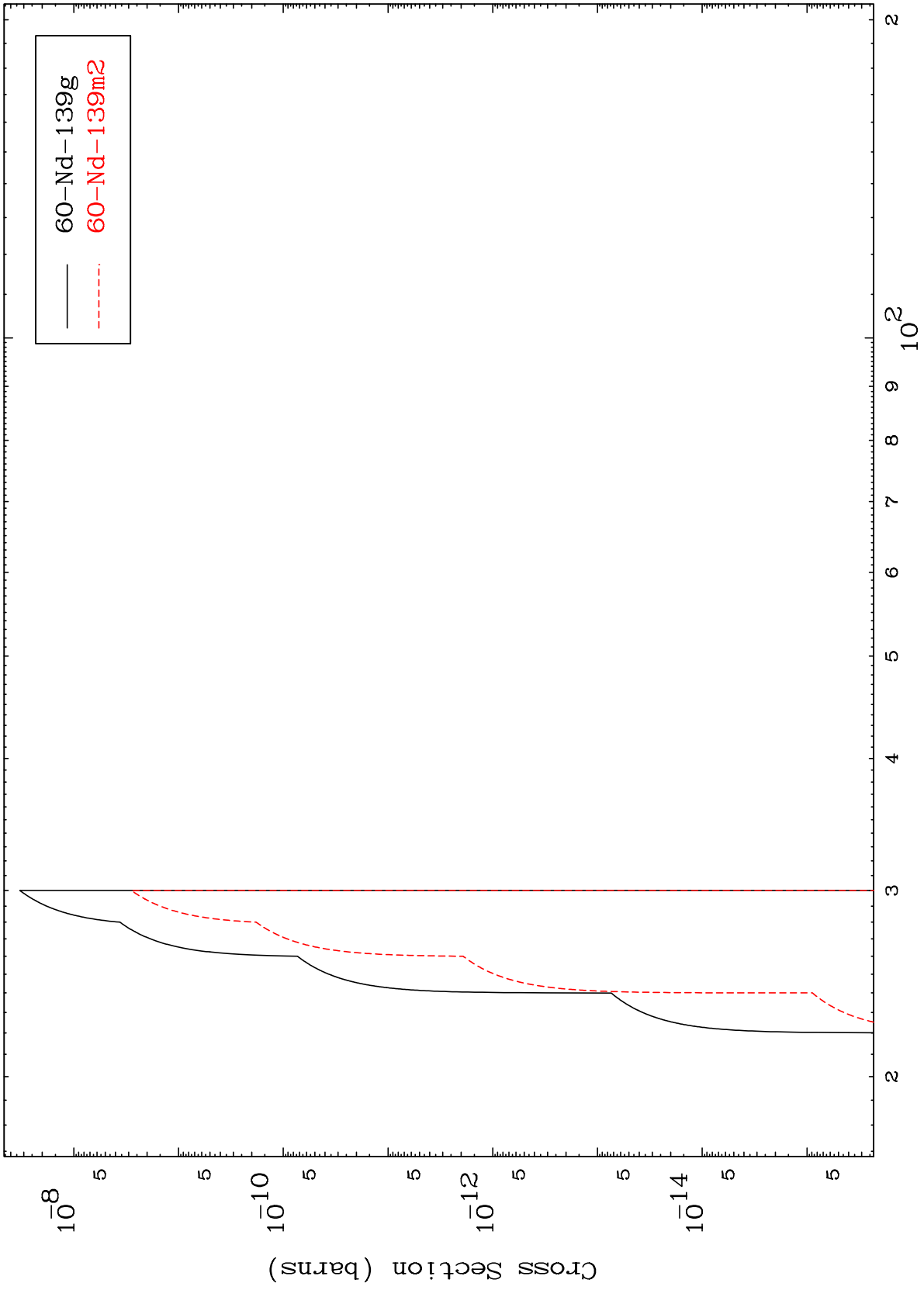
62-Sm-142

MAT 6219

(γ, p) d

62-Sm-142

Radionuclide Production Cross Section



20

Incident Energy (MeV)

62-Sm-142