

Program EVALPLOT
(Version 2015-2)

by

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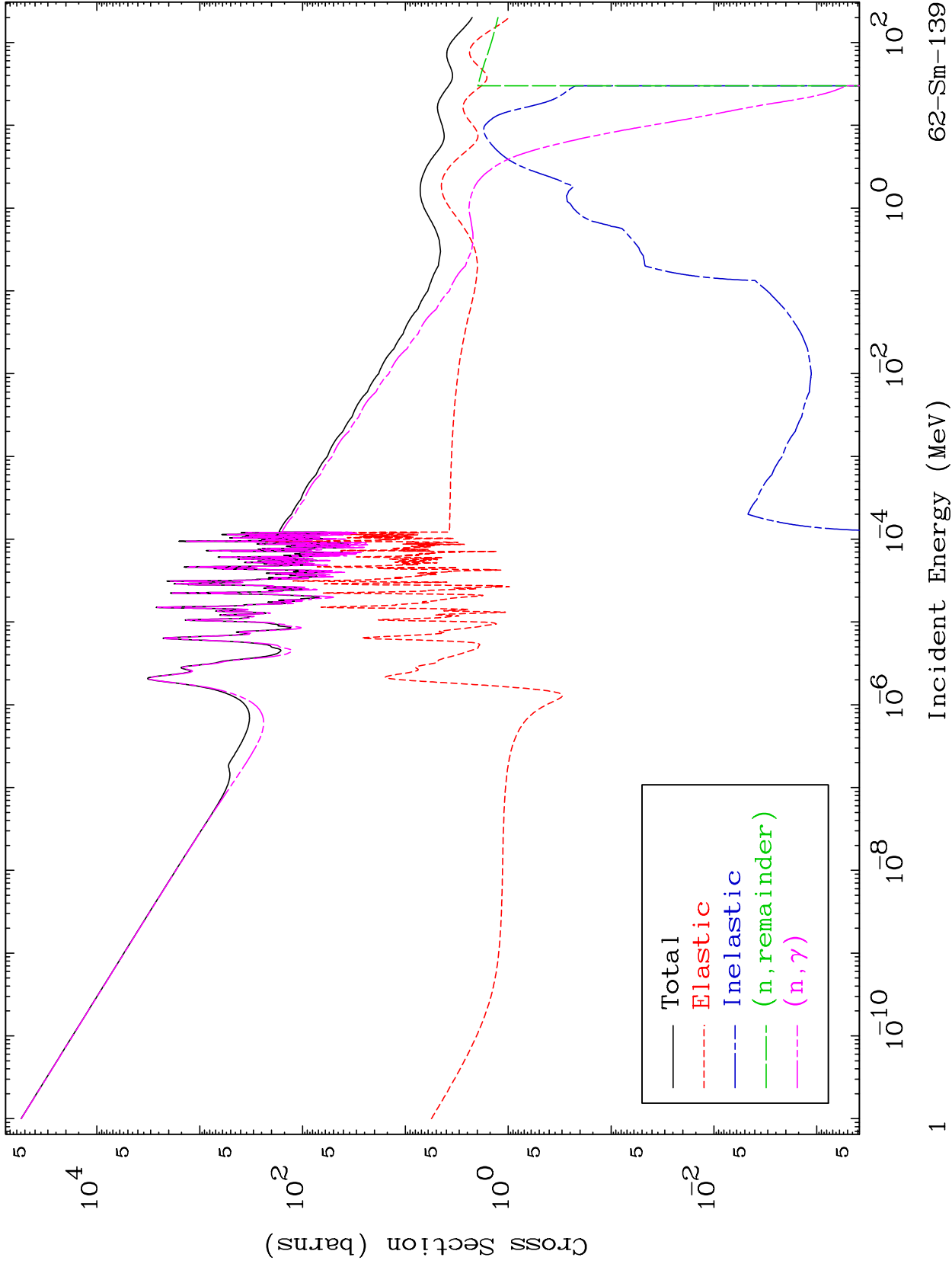
Press Mouse Button to Start

MAT 6211

Major

293 Kelvin Cross Sections

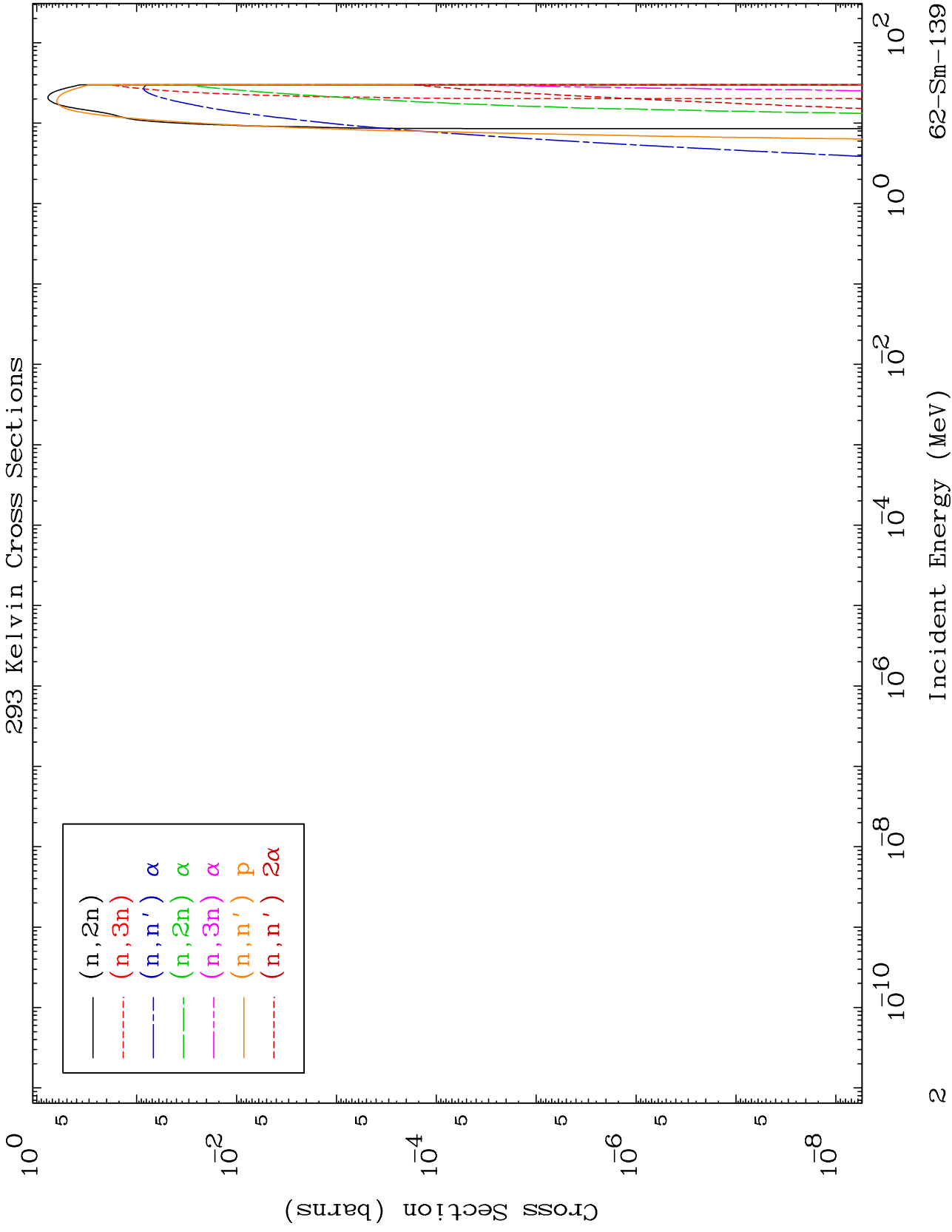
62-Sm-139

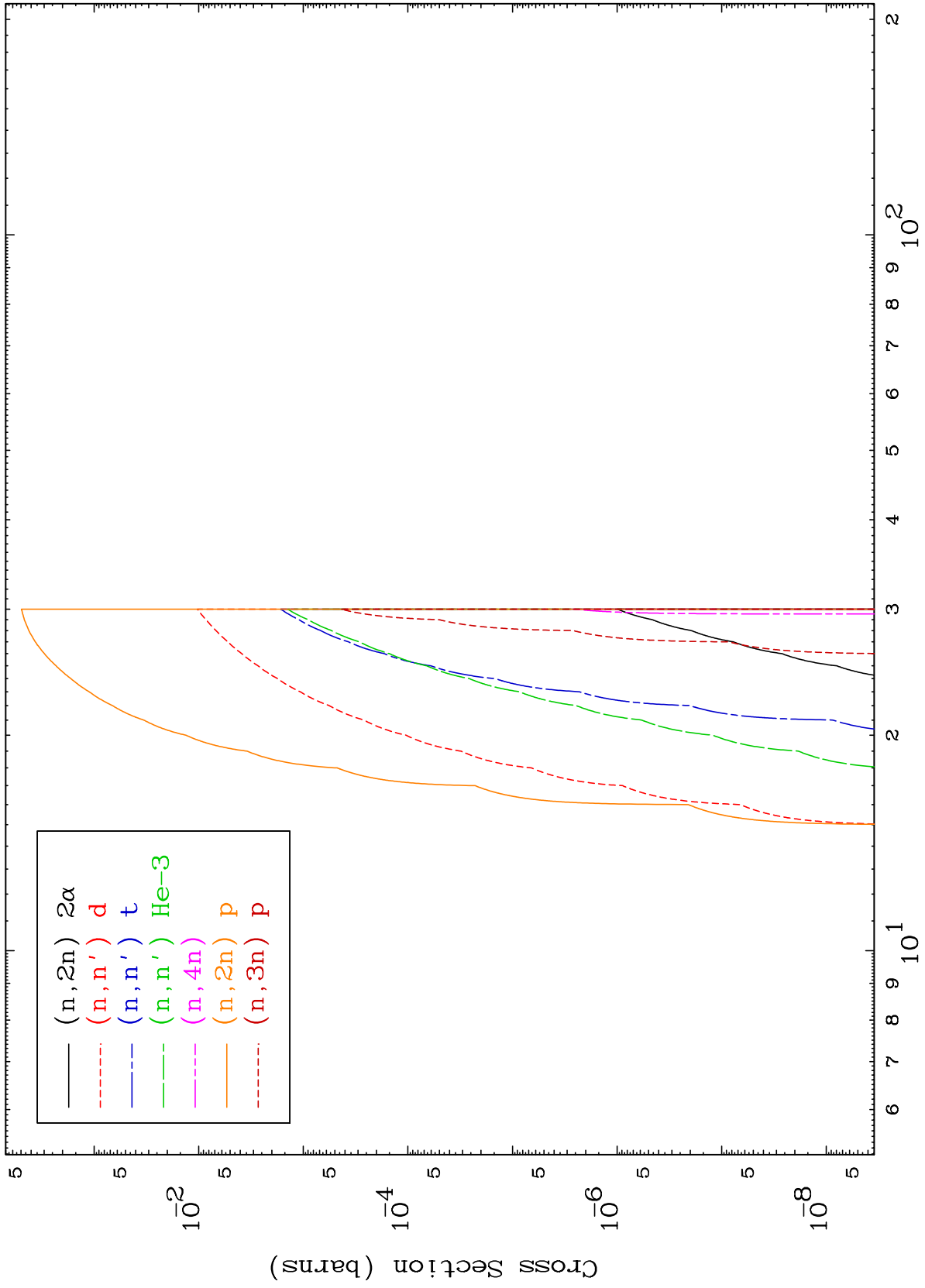


MAT 6211

Neutron Production
293 Kelvin Cross Sections

62-Sm-139

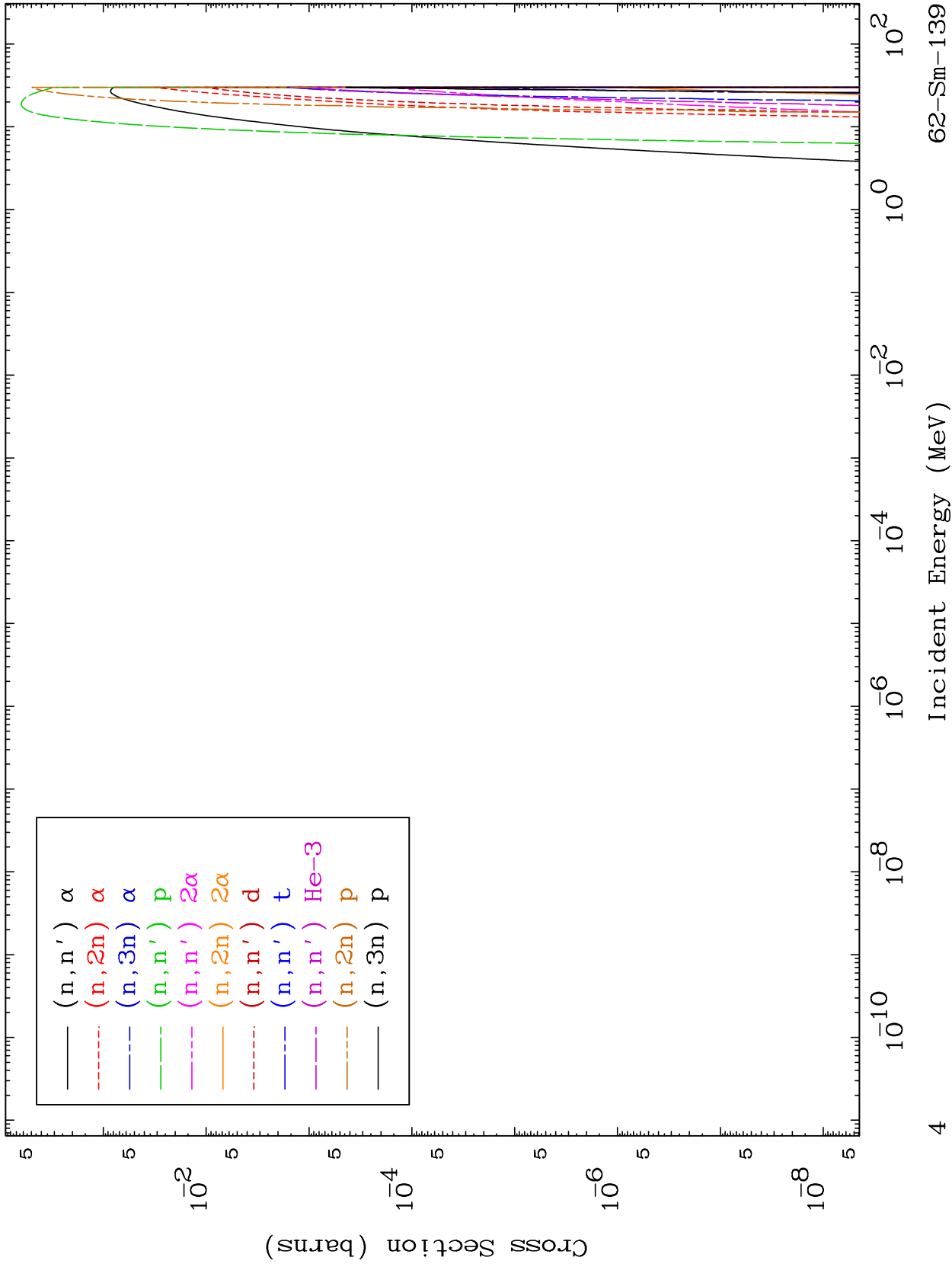




MAT 6211

Charged Particle
293 Kelvin Cross Sections

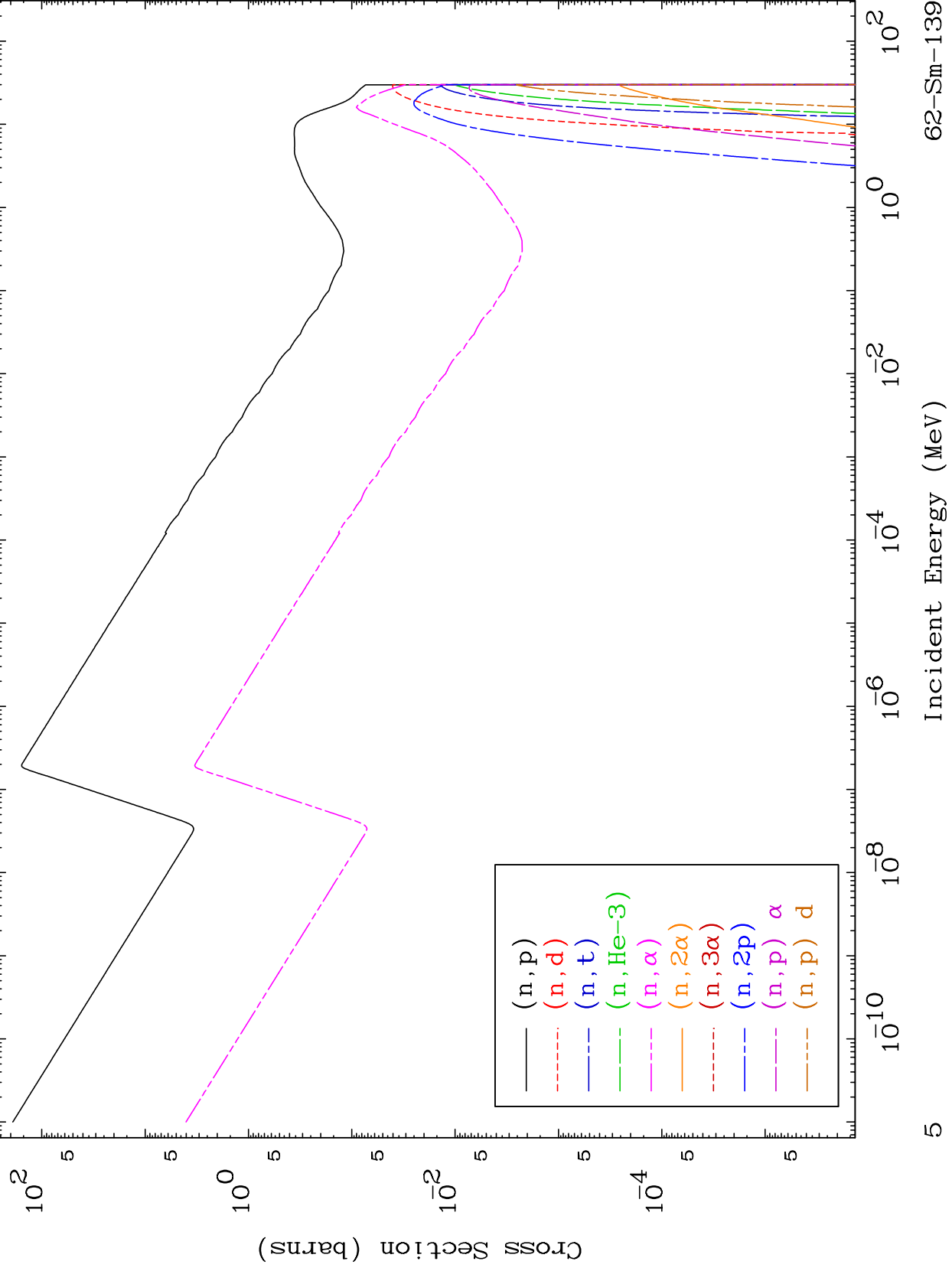
62-Sm-139



MAT 6211

Charged Particle
293 Kelvin Cross Sections

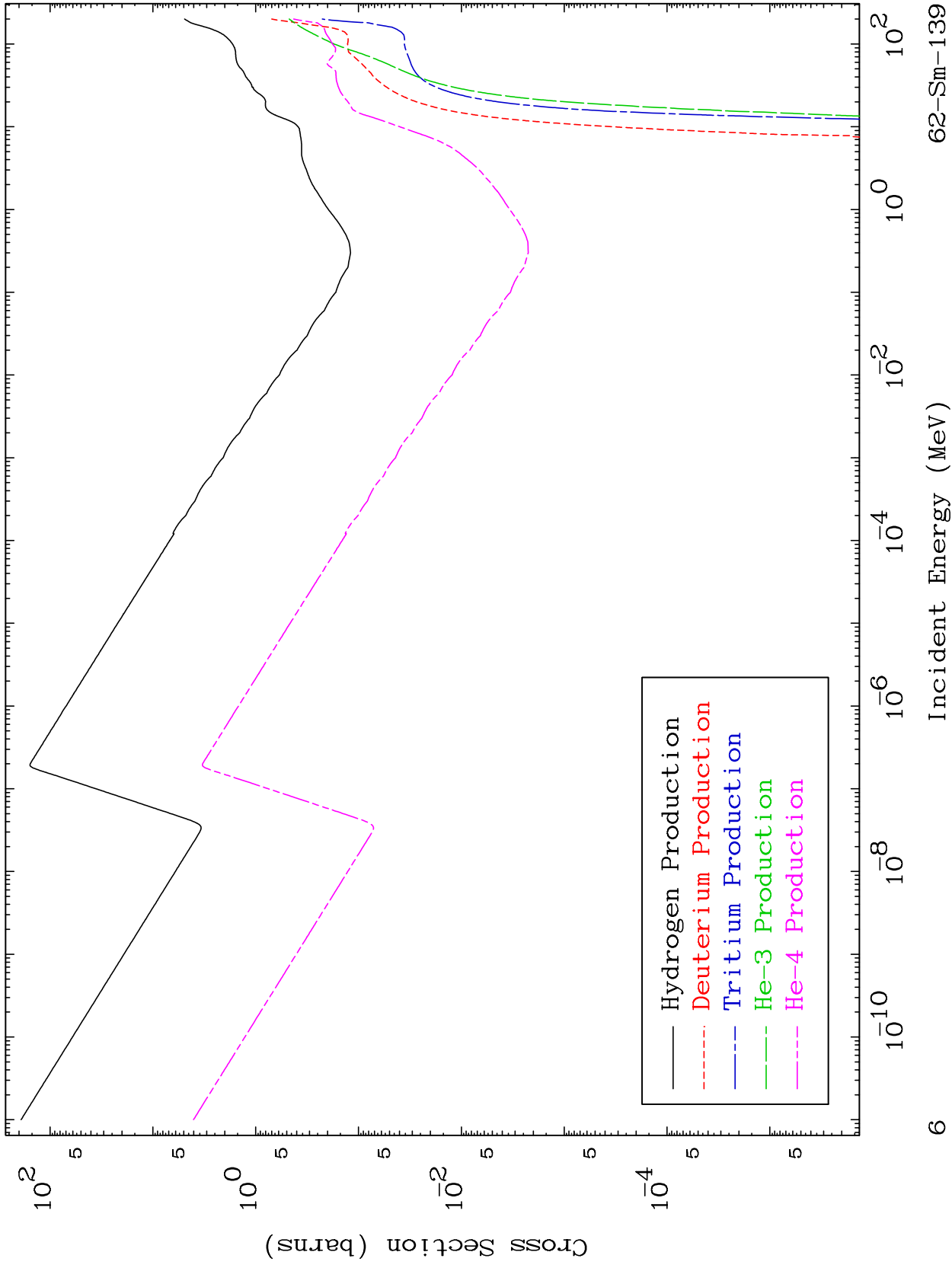
62-Sm-139



MAT 6211

Particle Production
293 Kelvin Cross Sections

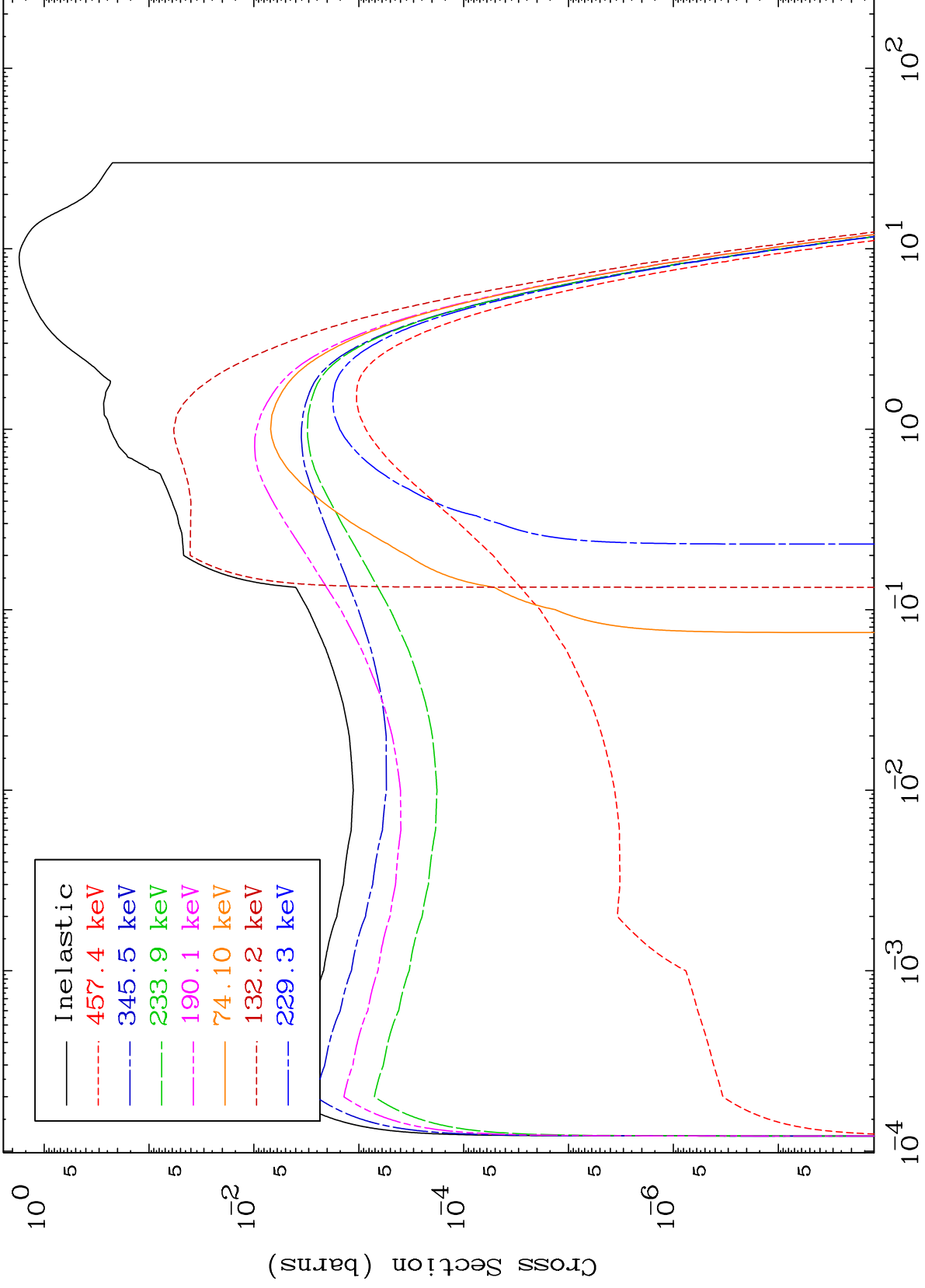
62-Sm-139



MAT 6211

293 Kelvin Cross Sections
(n,n') Level

62-Sm-139



7

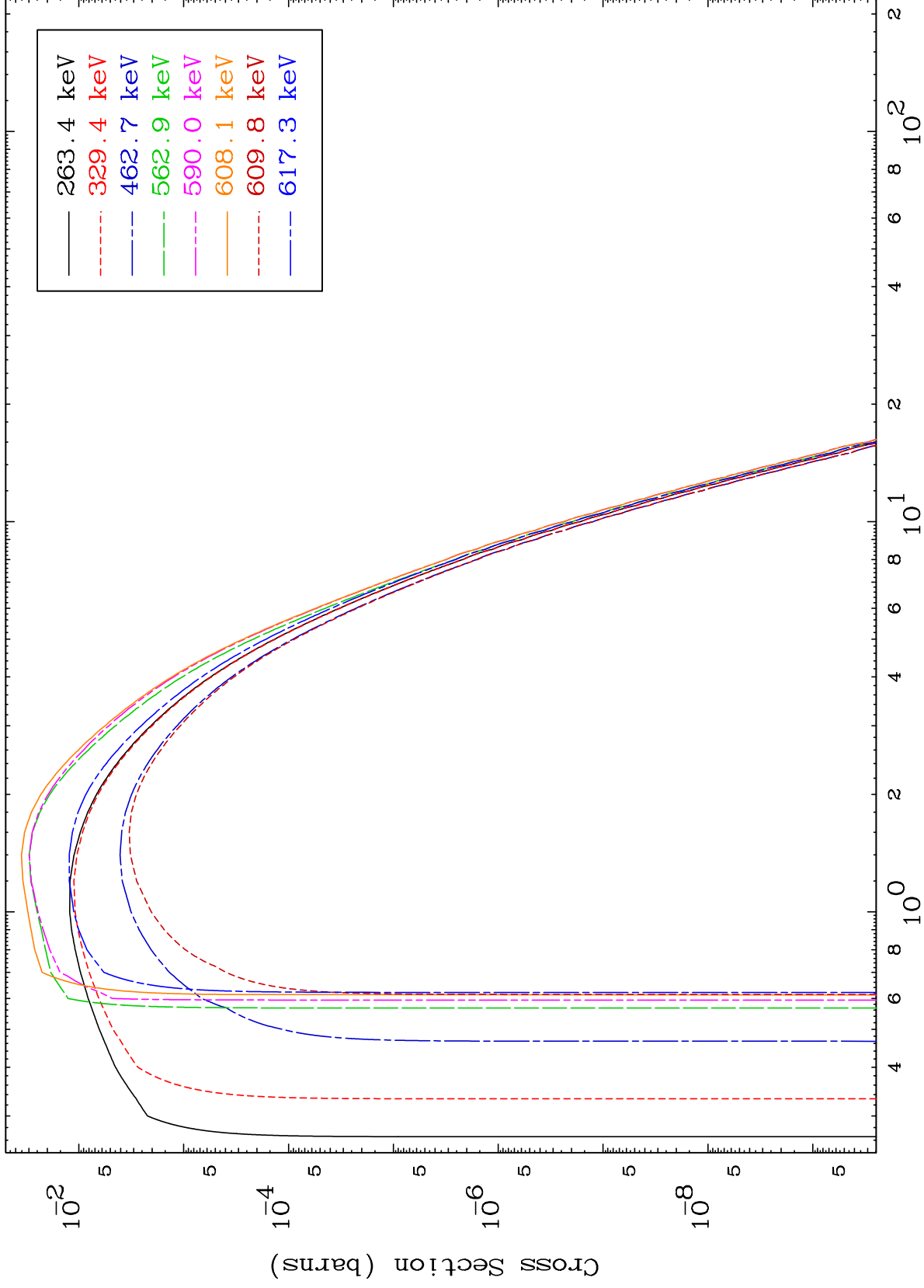
Incident Energy (MeV)

62-Sm-139

MAT 6211

(n,n') Level
293 Kelvin Cross Sections

62-Sm-139



8

Incident Energy (MeV)

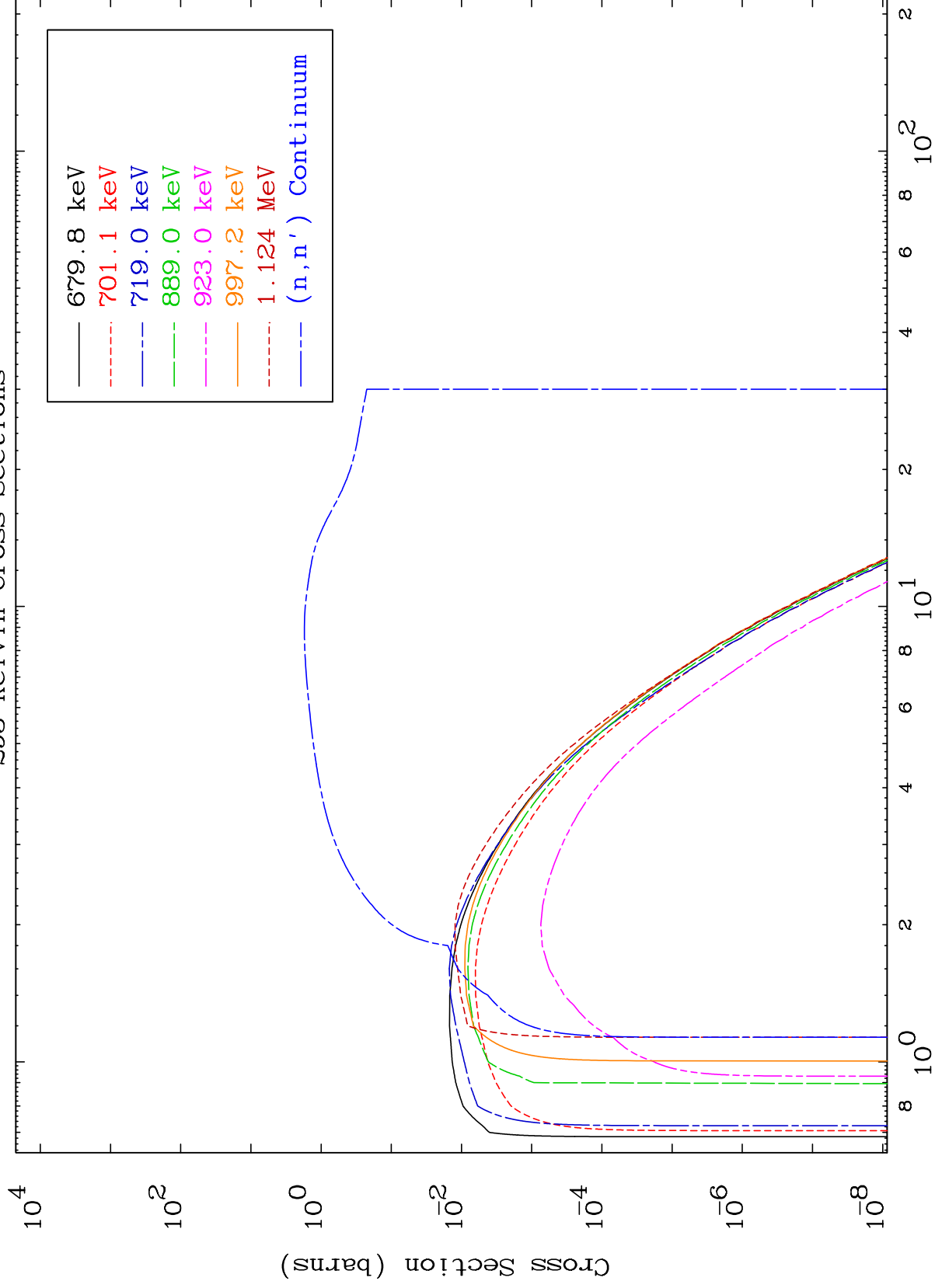
62-Sm-139

MAT 6211

(n,n') Level

62-Sm-139

293 Kelvin Cross Sections



9

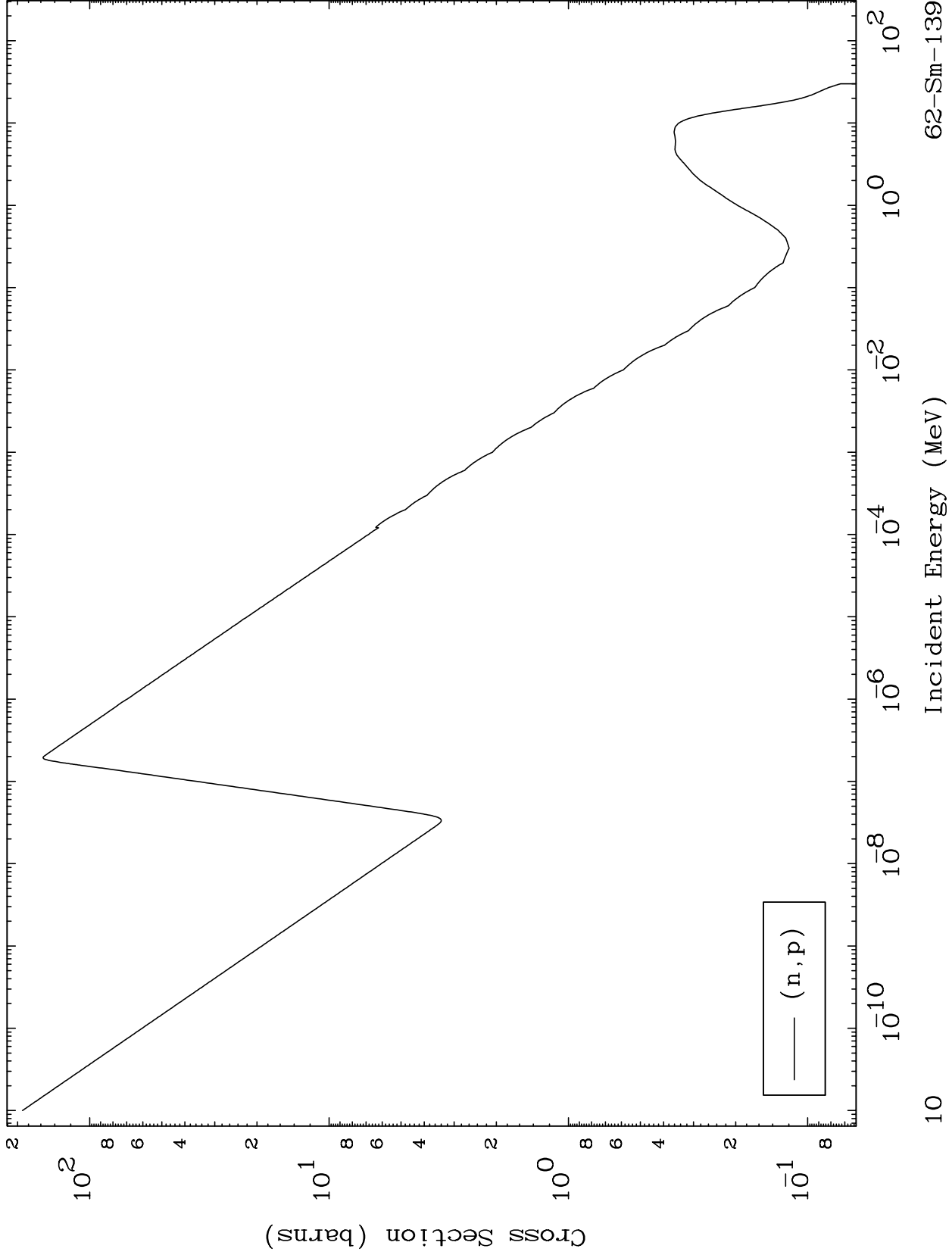
Incident Energy (MeV)

62-Sm-139

MAT 6211

(n,p) Levels
293 Kelvin Cross Sections

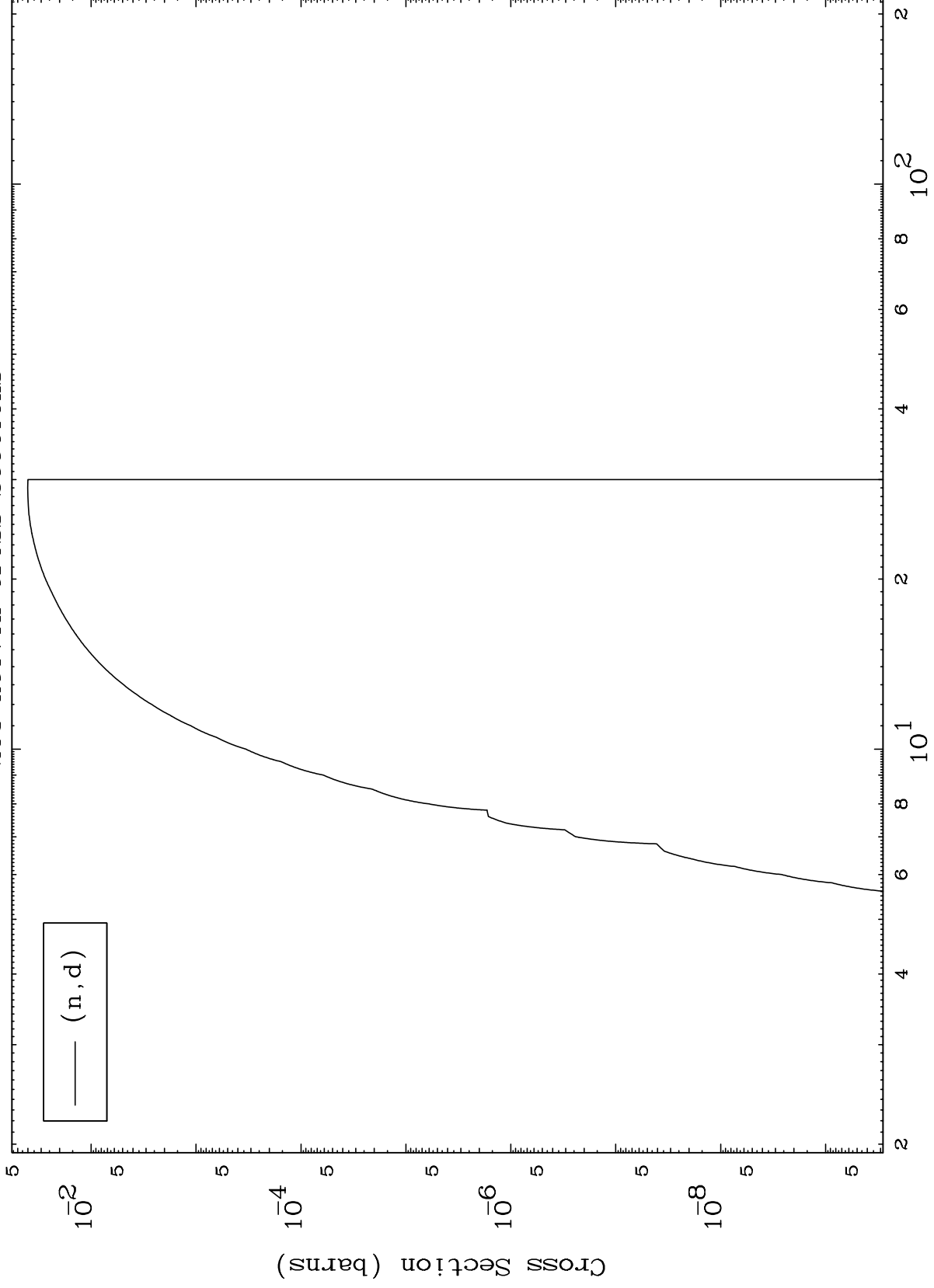
62-Sm-139



MAT 6211

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-139

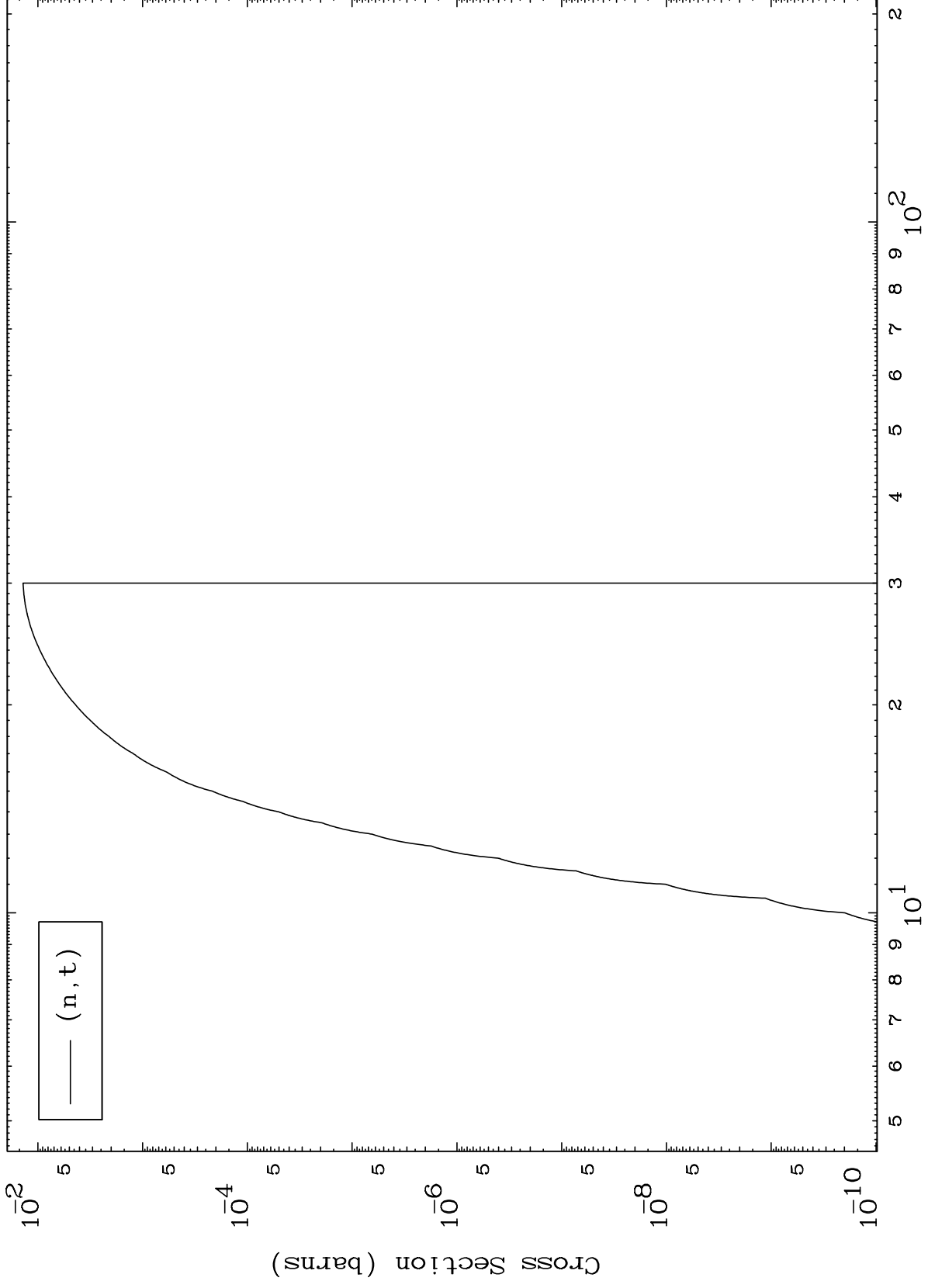


(n,d)

MAT 6211

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-139



12

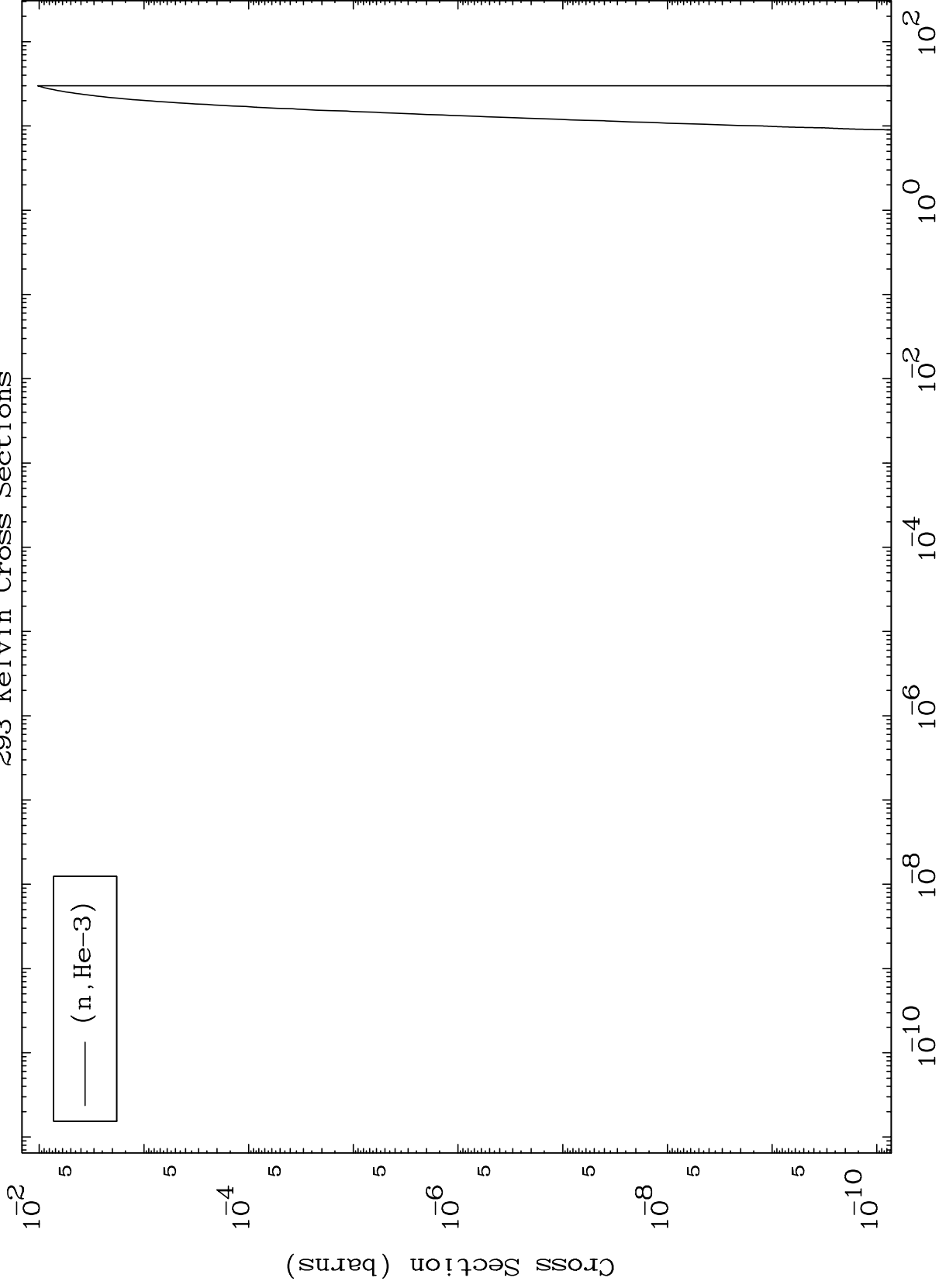
Incident Energy (MeV)

62-Sm-139

MAT 6211

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-139



13

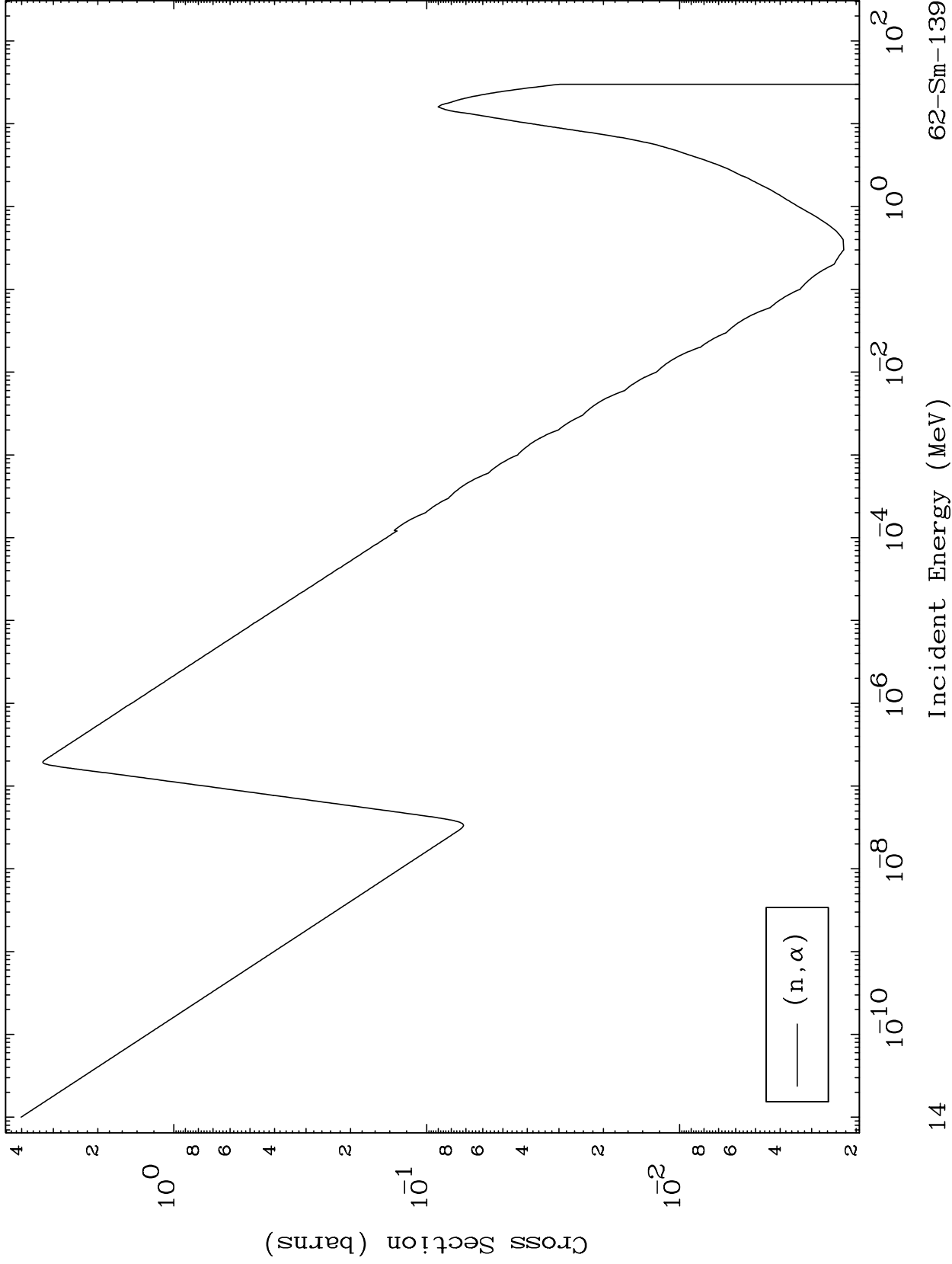
Incident Energy (MeV)

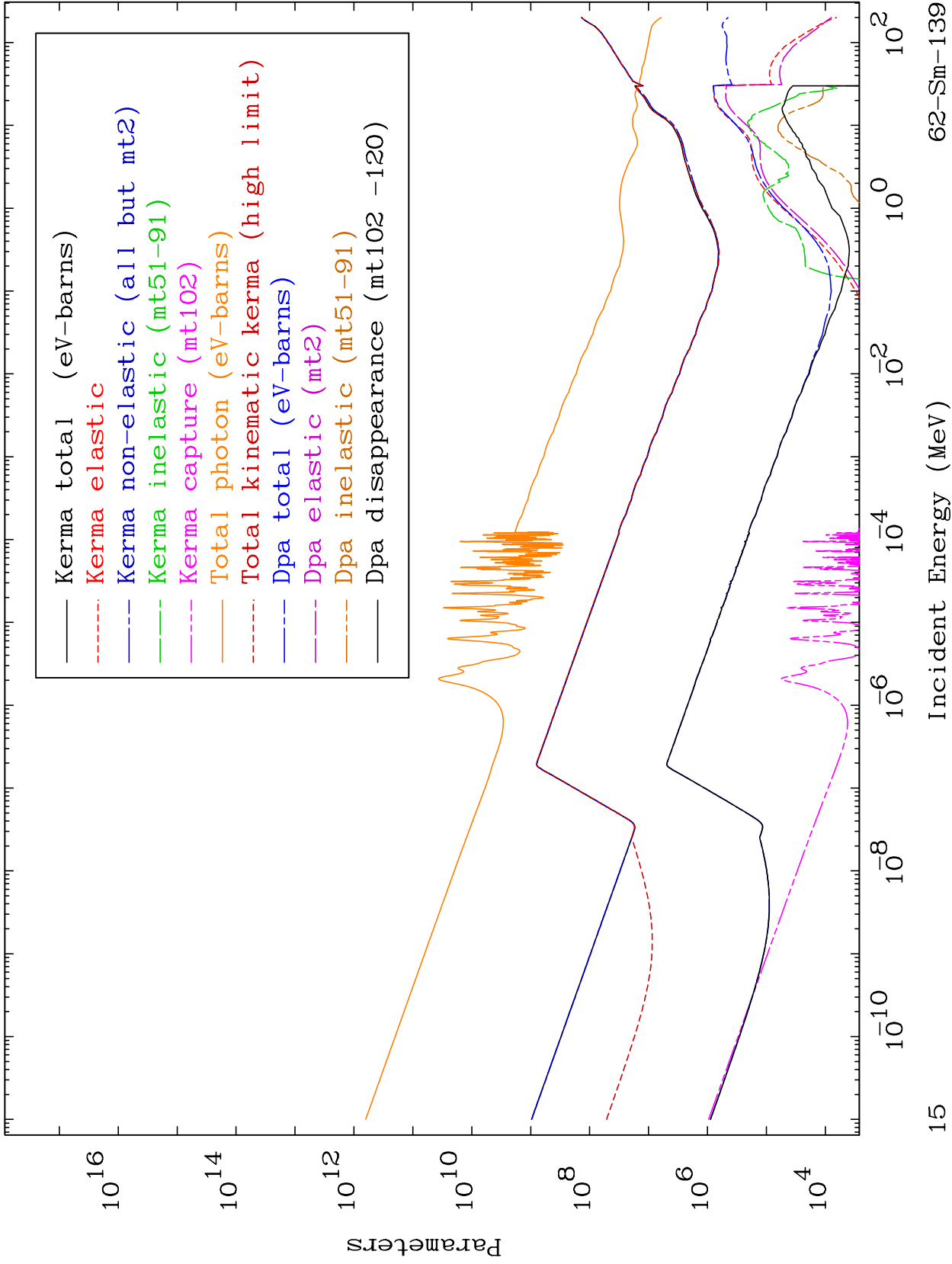
62-Sm-139

MAT 6211

(n, α) Levels
293 Kelvin Cross Sections

62-Sm-139

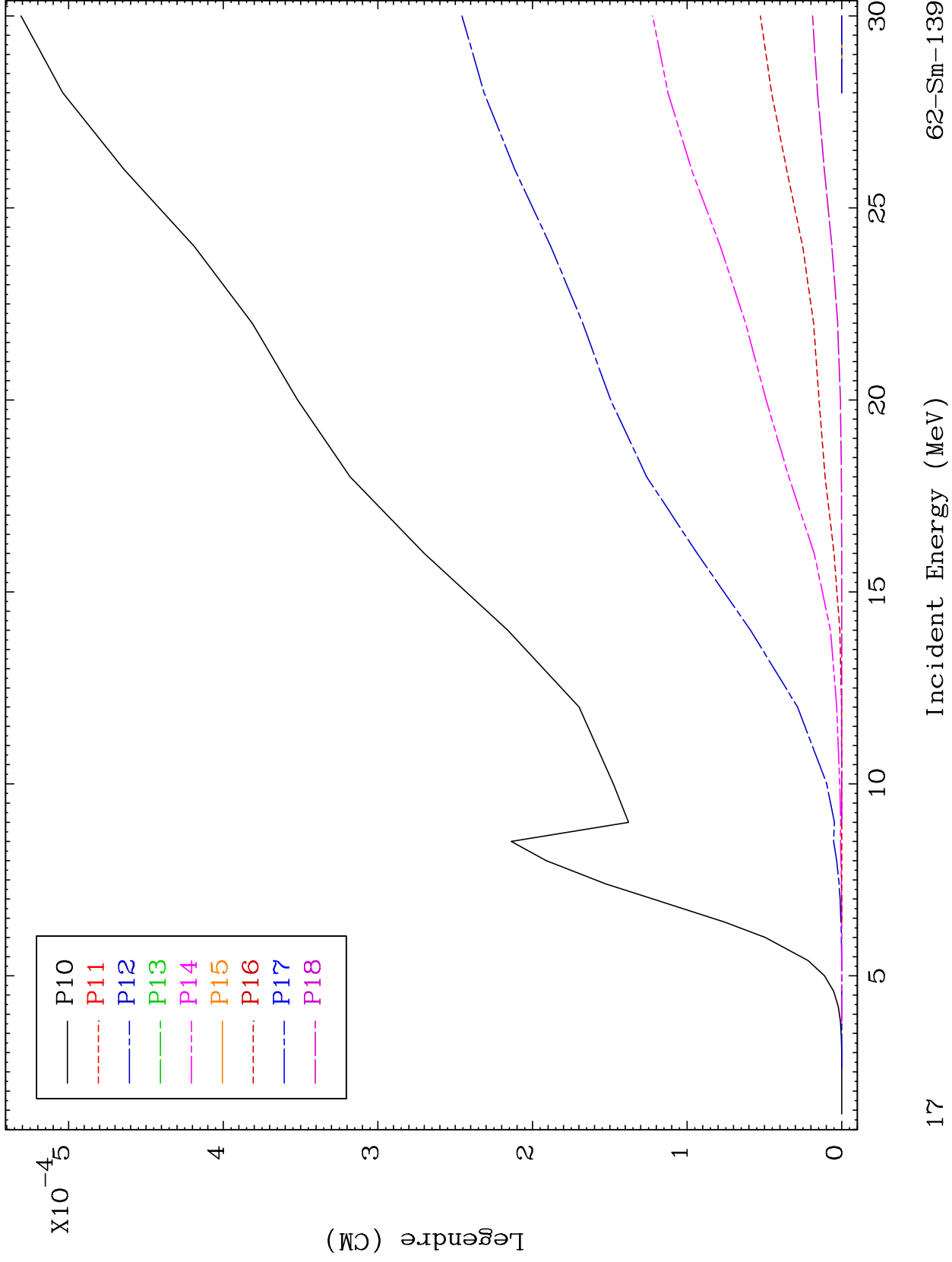




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Elastic Legendre Coefficients

62-Sm-139



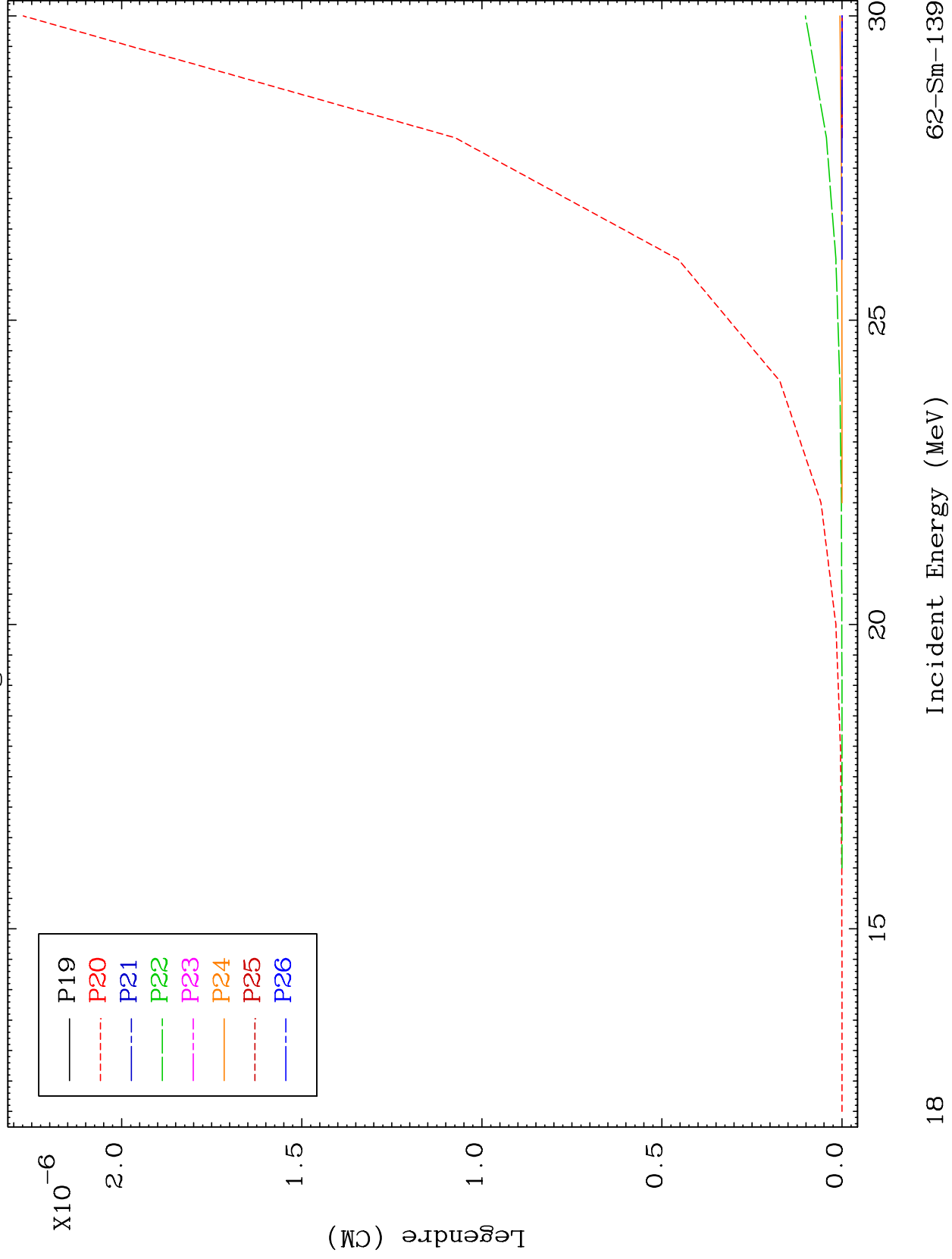
17

62-Sm-139

MAT 6211

Elastic Legendre Coefficients

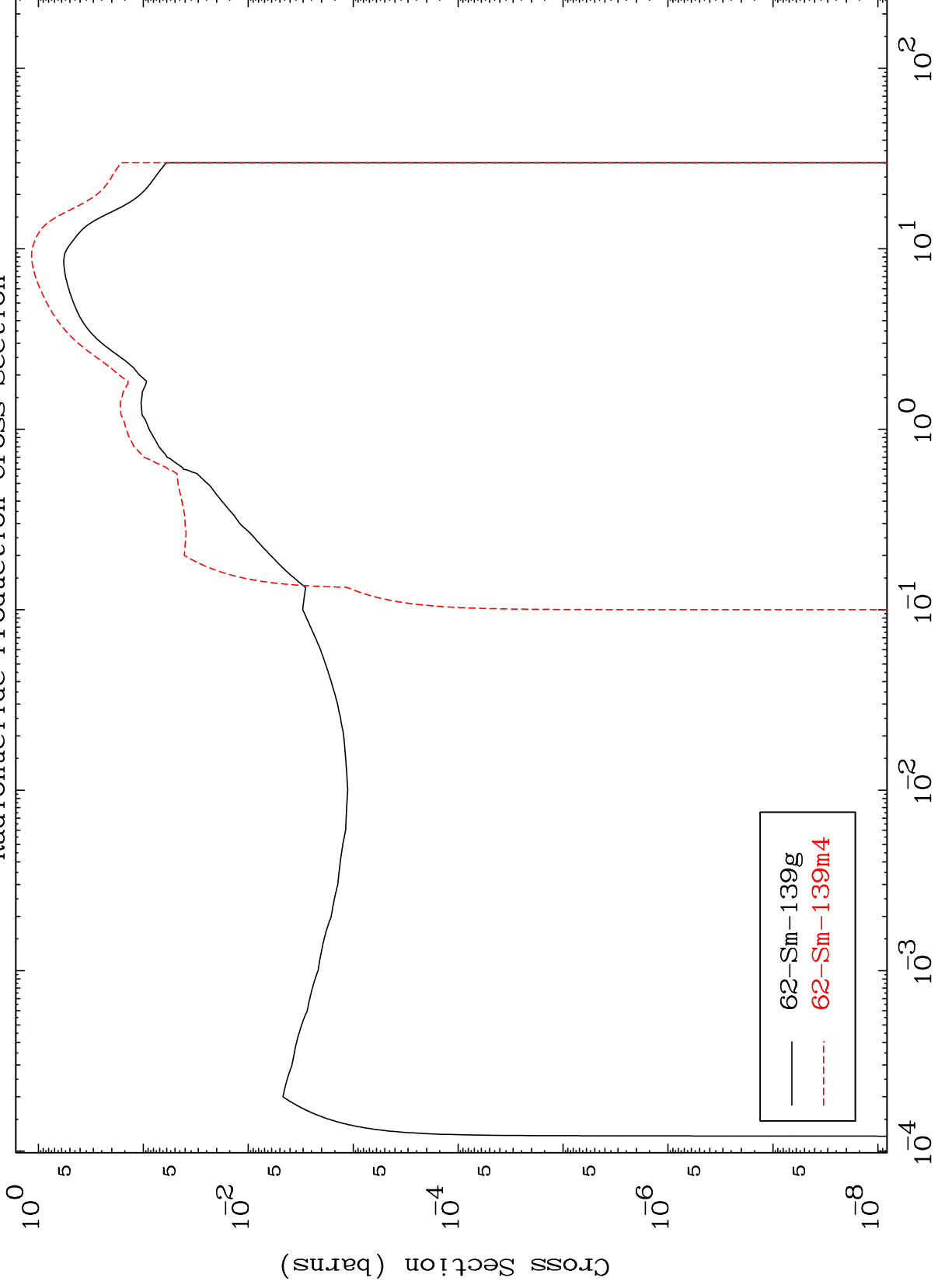
62-Sm-139



MAT 6211

62-Sm-139

Inelastic
Radionuclide Production Cross Section



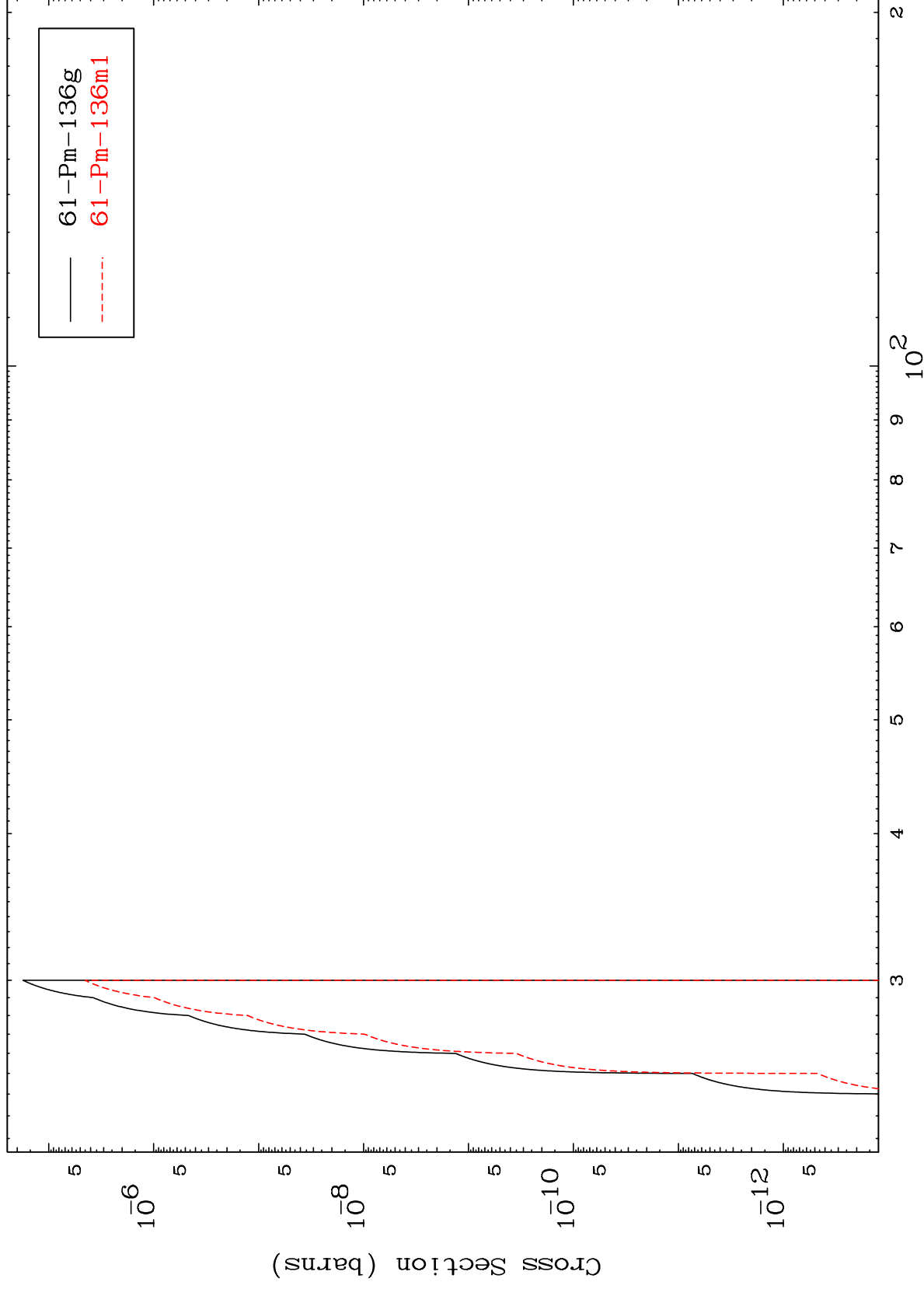
62-Sm-139g
62-Sm-139m4

MAT 6211

(n,2n) d

62-Sm-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

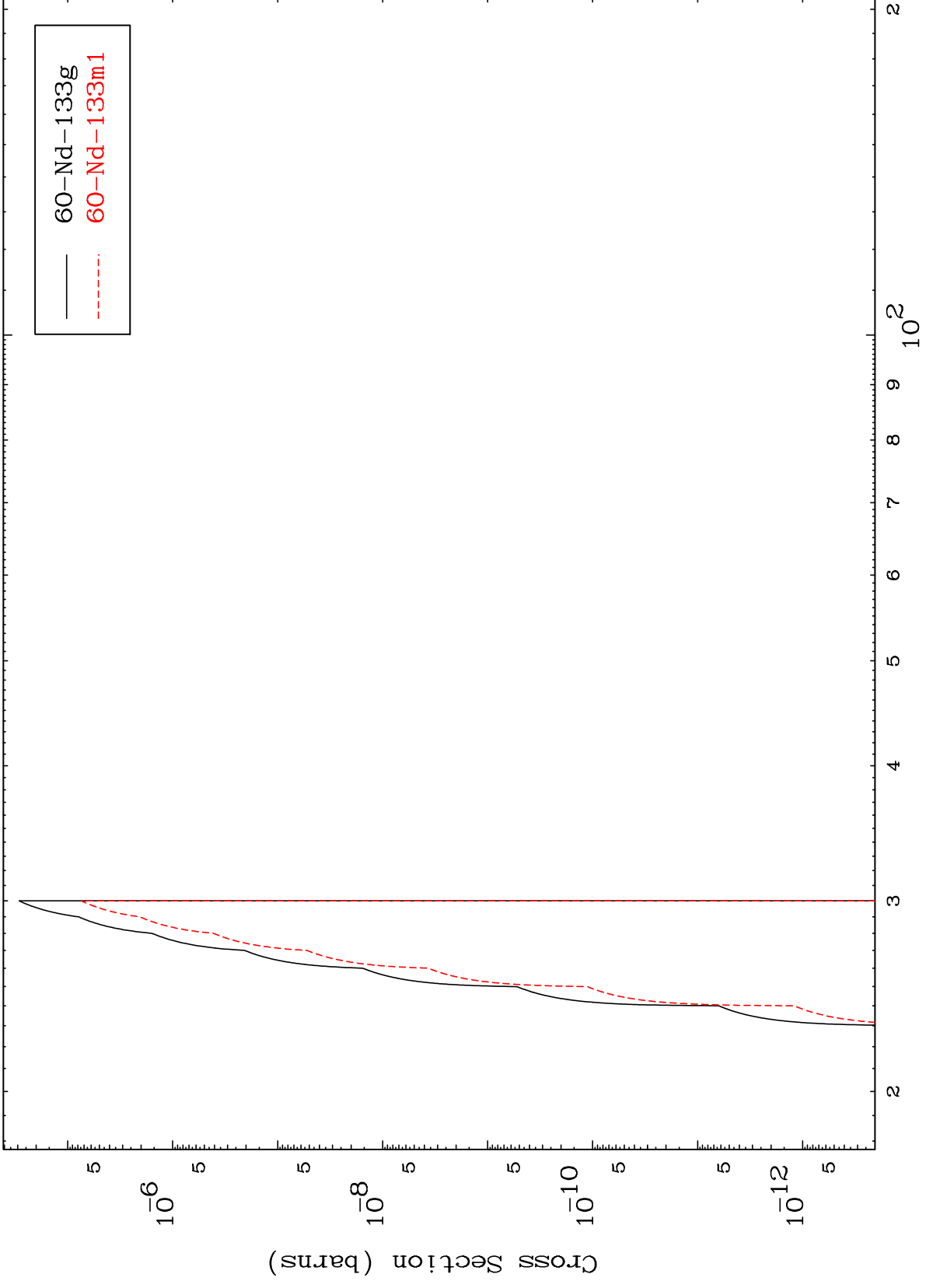
62-Sm-139

MAT 6211

(n,3n) α

62-Sm-139

Radionuclide Production Cross Section



21

Incident Energy (MeV)

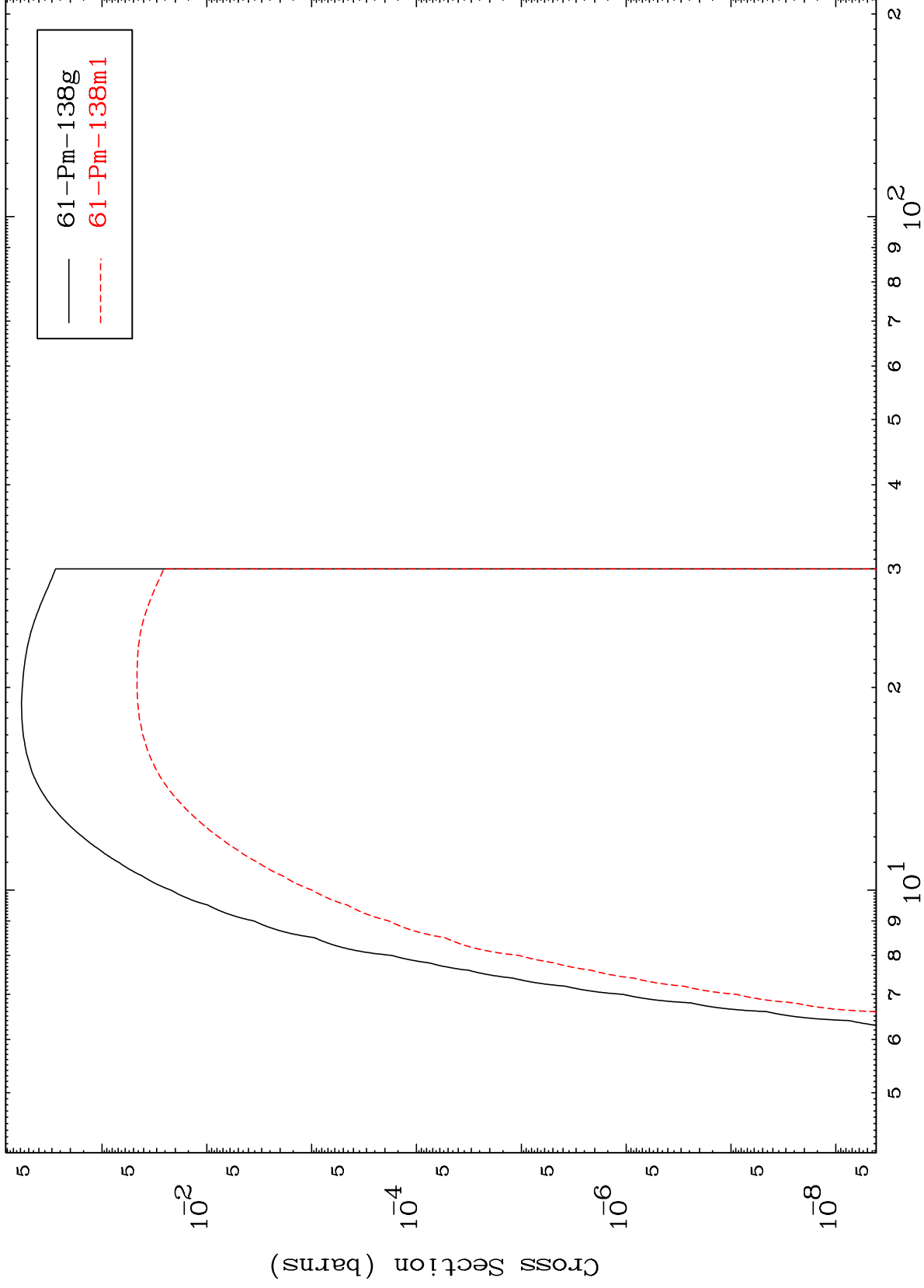
62-Sm-139

MAT 6211

(n,n') p

62-Sm-139

Radionuclide Production Cross Section



22

Incident Energy (MeV)

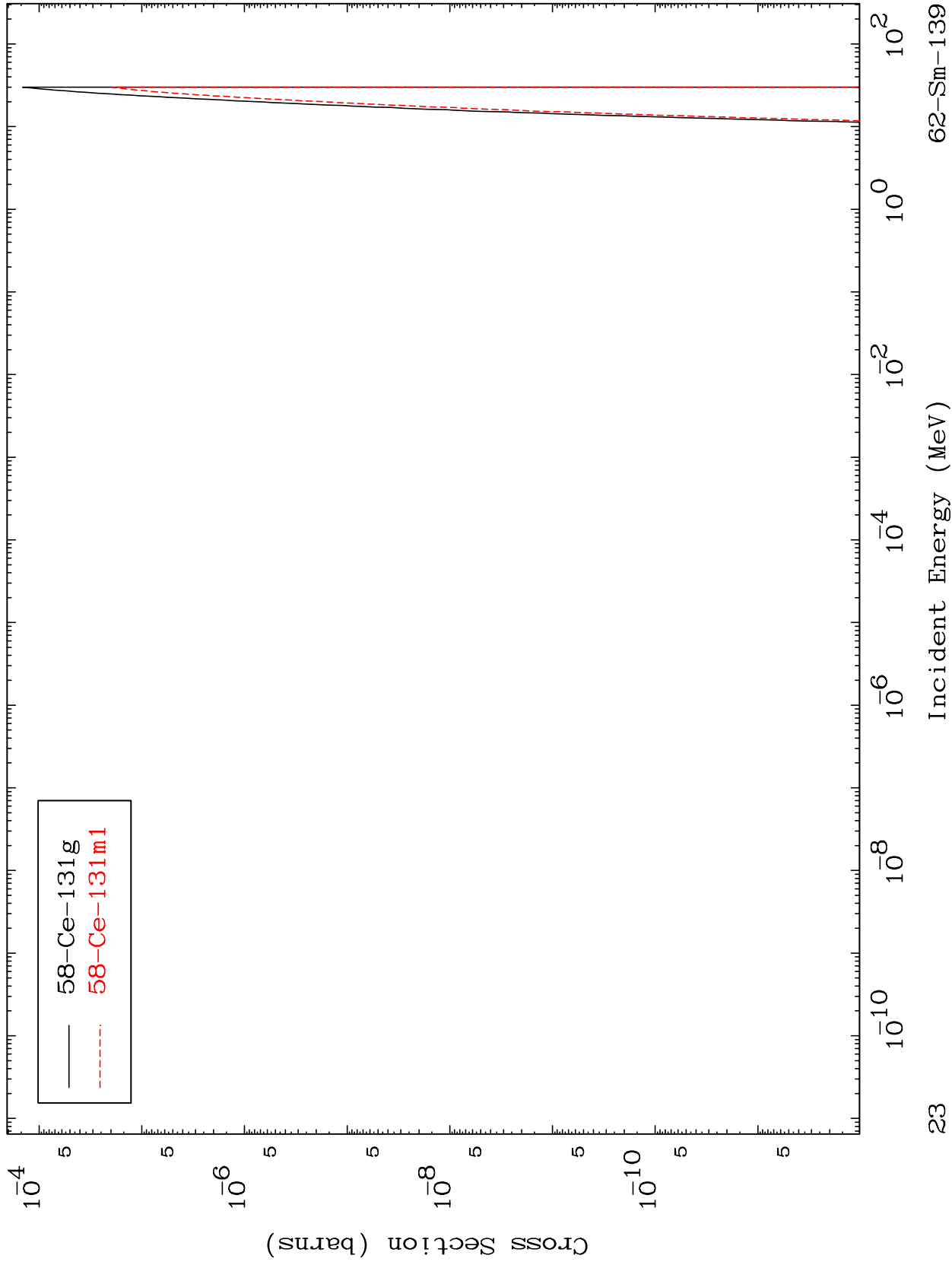
62-Sm-139

MAT 6211

(n,n') 2 α

62-Sm-139

Radionuclide Production Cross Section

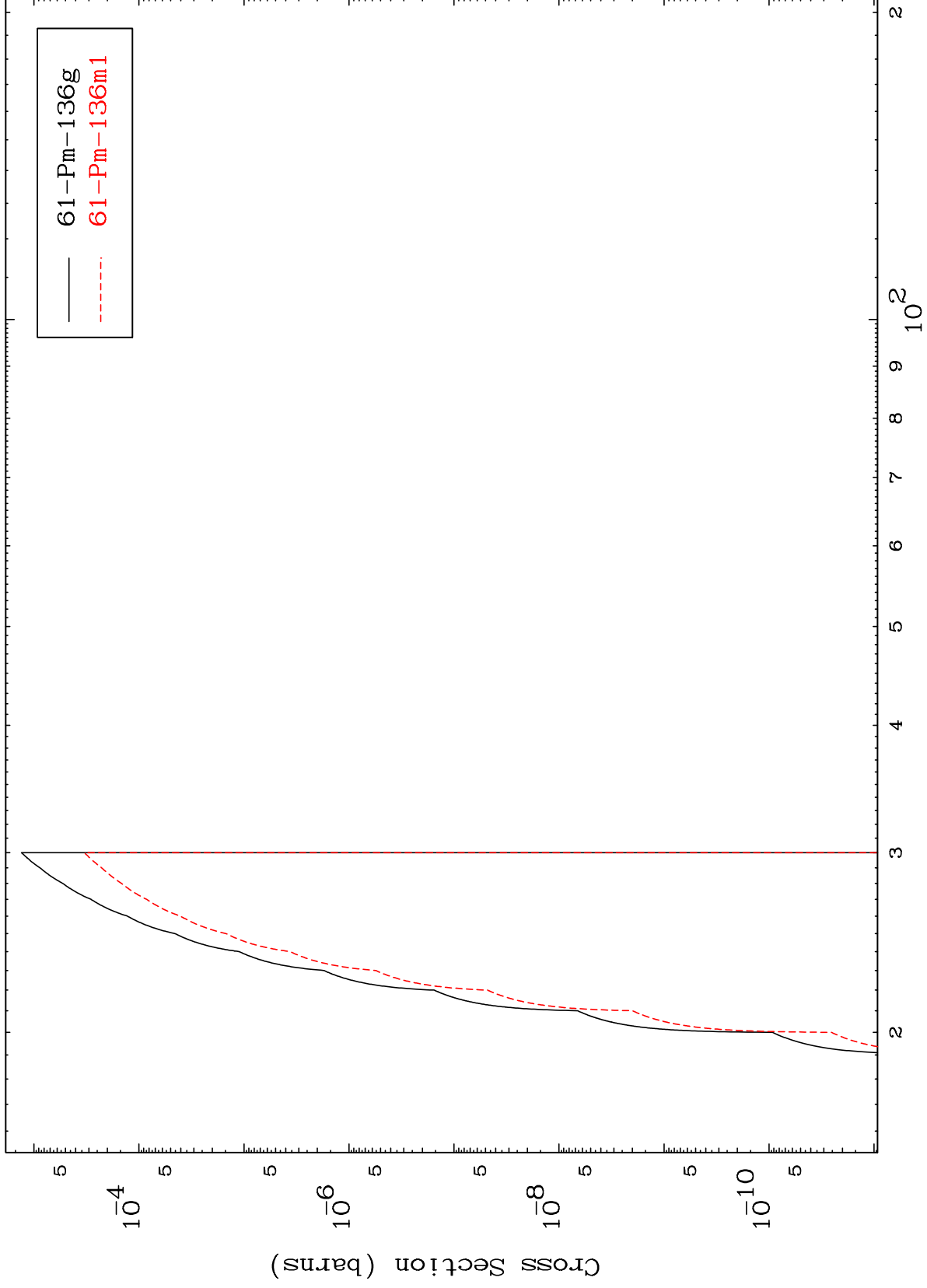


MAT 6211

(n,n') t

62-Sm-139

Radionuclide Production Cross Section



24

Incident Energy (MeV)

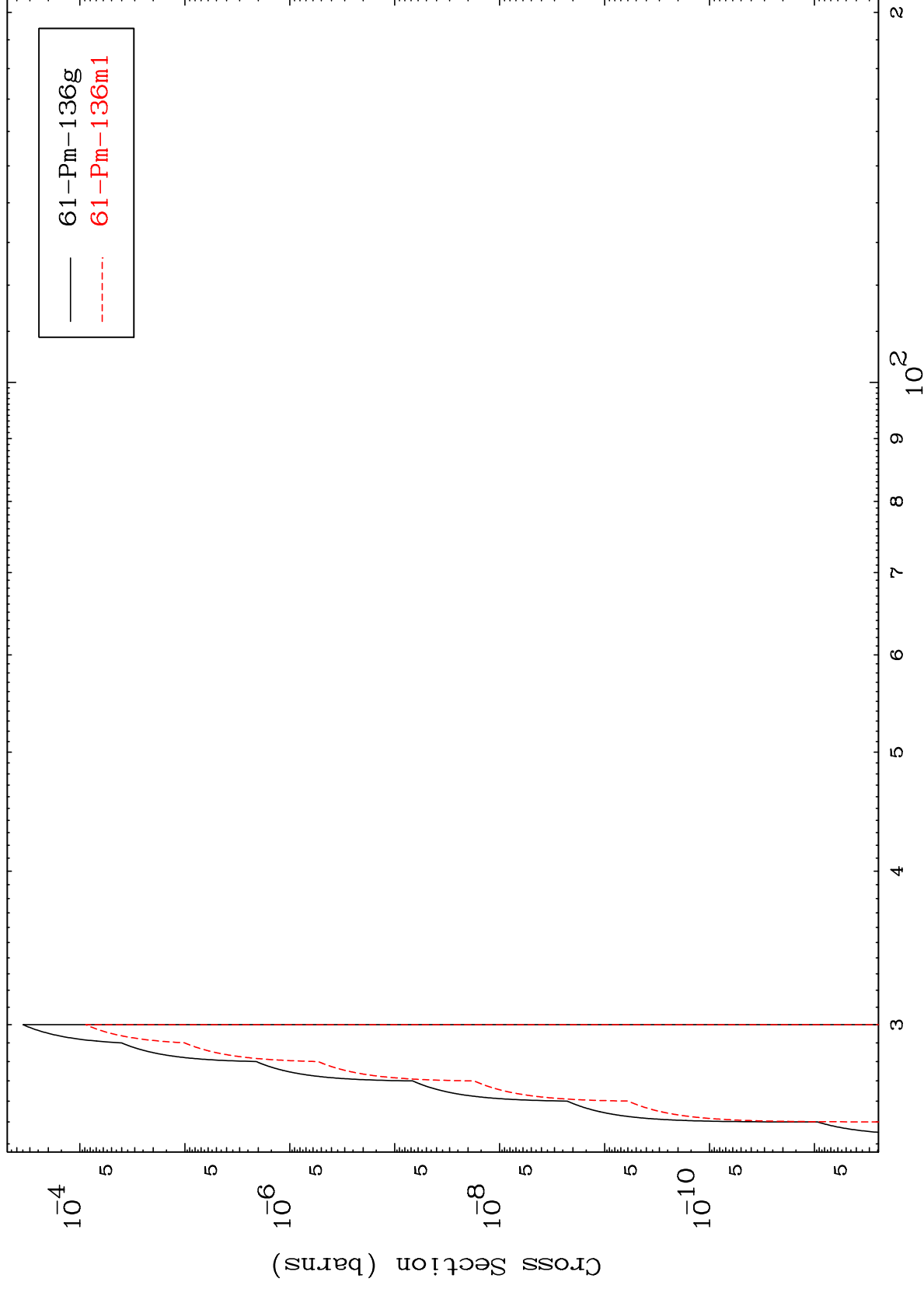
62-Sm-139

MAT 6211

(n,3n) p

62-Sm-139

Radionuclide Production Cross Section



25

Incident Energy (MeV)

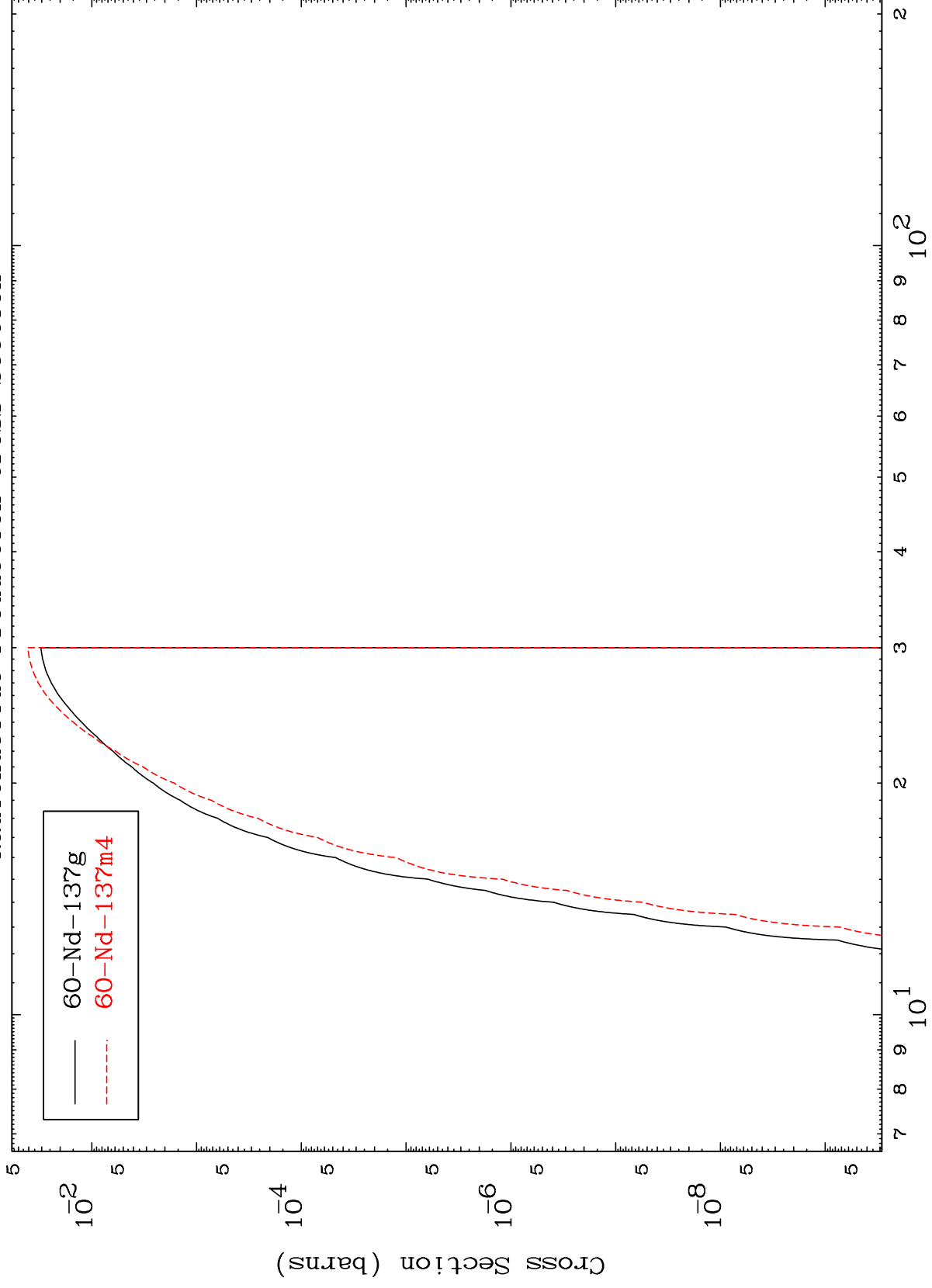
62-Sm-139

MAT 6211

(n,2n) p

62-Sm-139

Radionuclide Production Cross Section



26

Incident Energy (MeV)

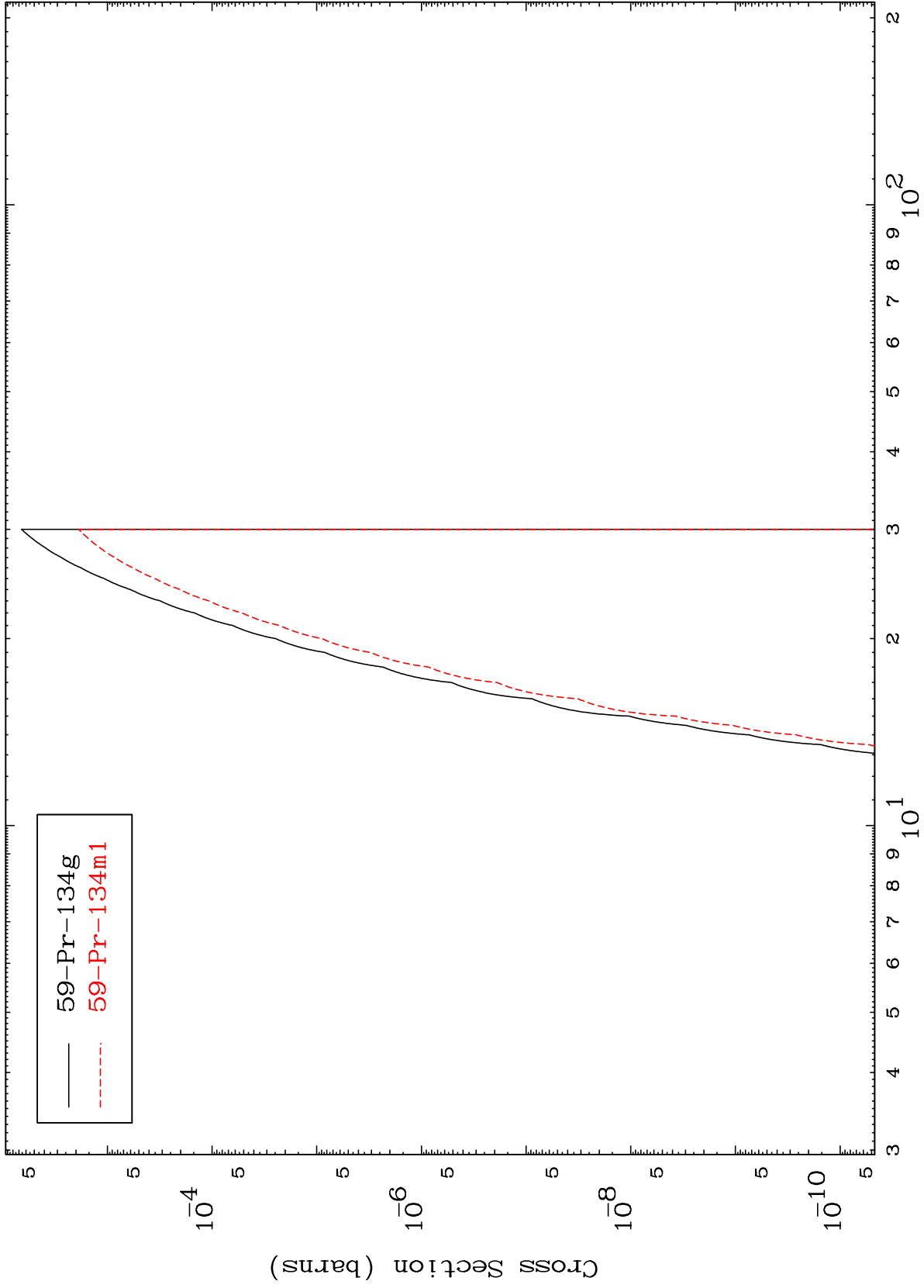
62-Sm-139

MAT 6211

(n,n') p α

62-Sm-139

Radionuclide Production Cross Section



27

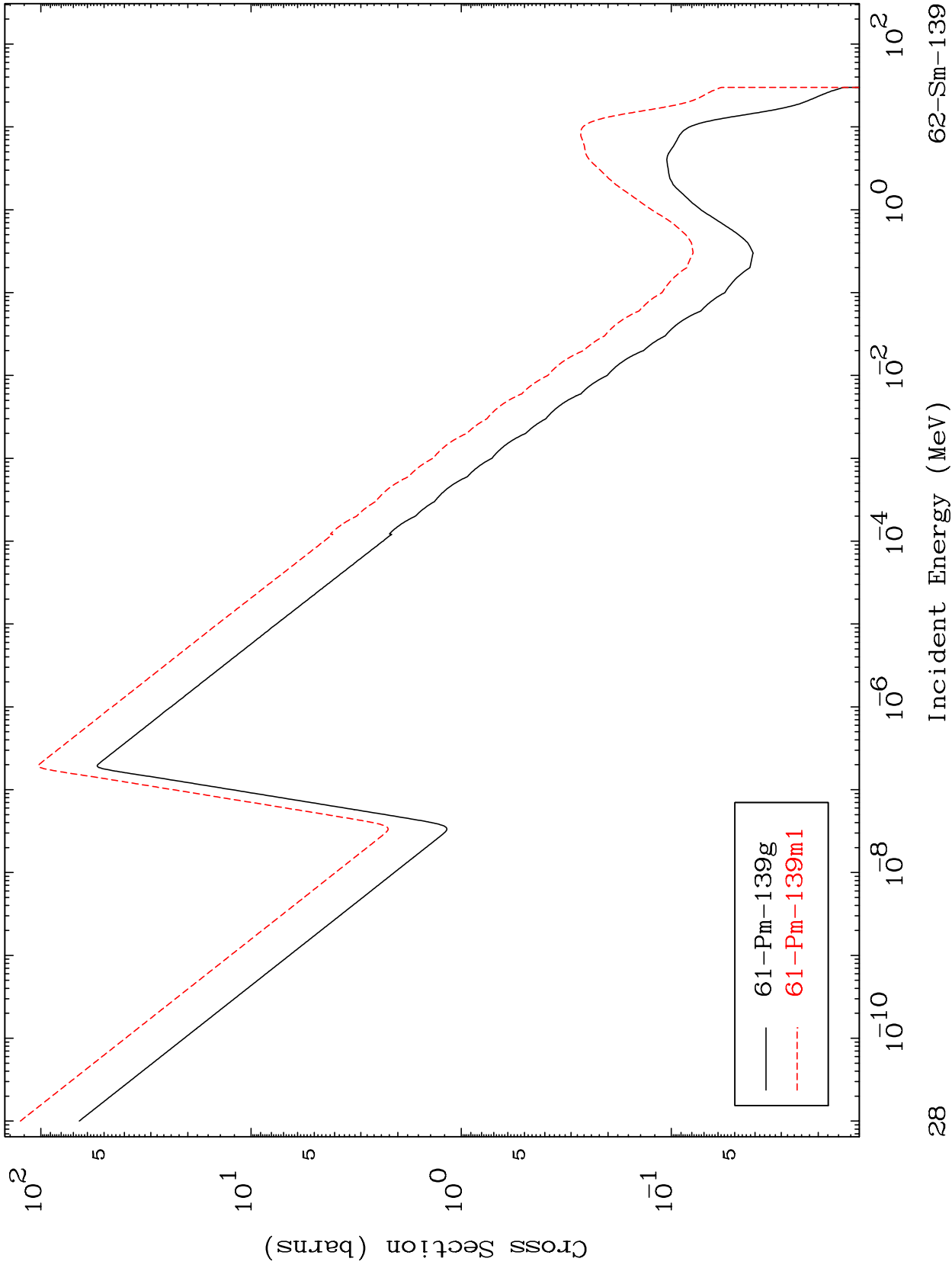
Incident Energy (MeV)

62-Sm-139

MAT 6211

62-Sm-139

Radionuclide Production Cross Section

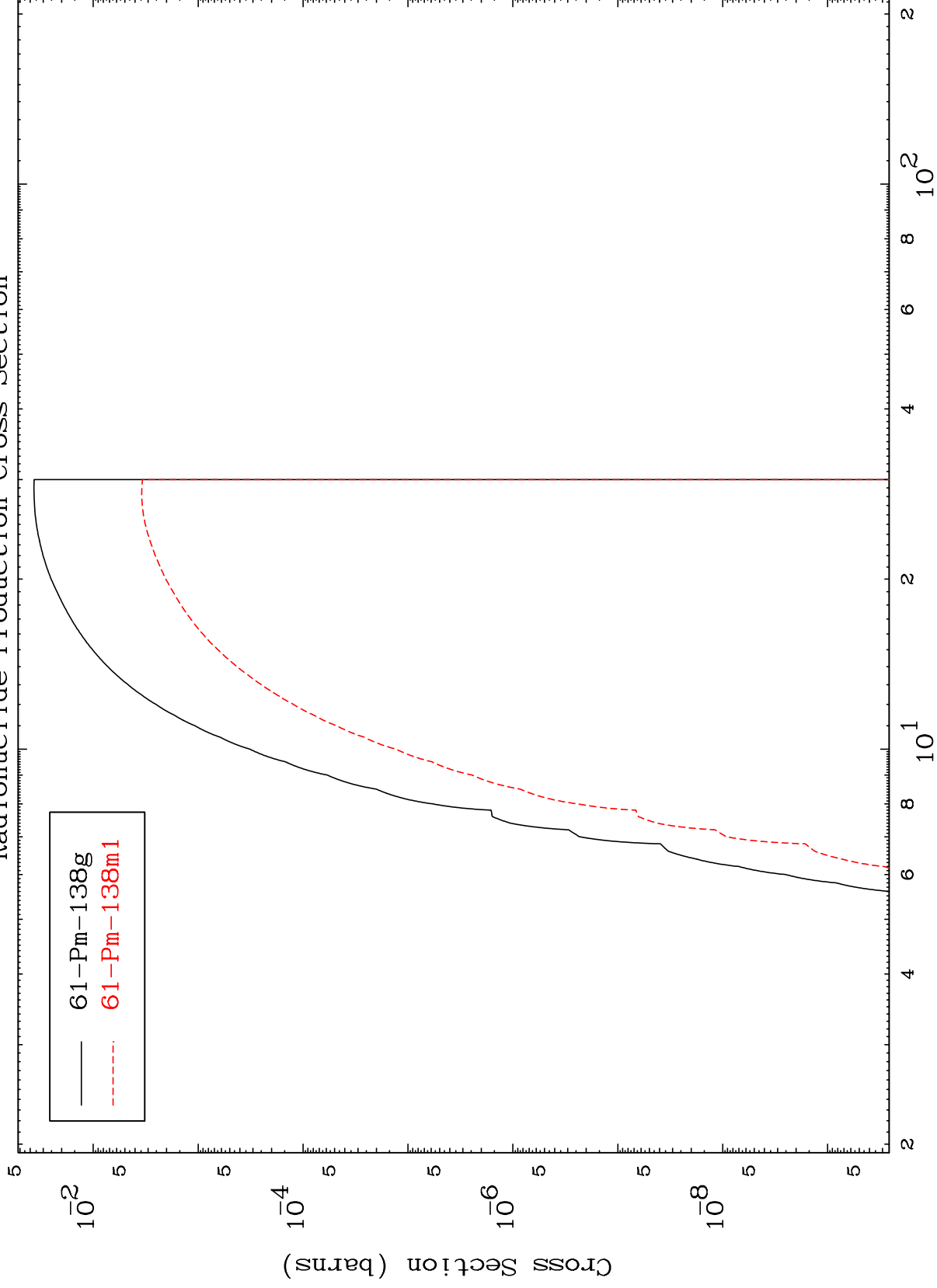


MAT 6211

(n,d)

62-Sm-139

Radionuclide Production Cross Section



29

Incident Energy (MeV)

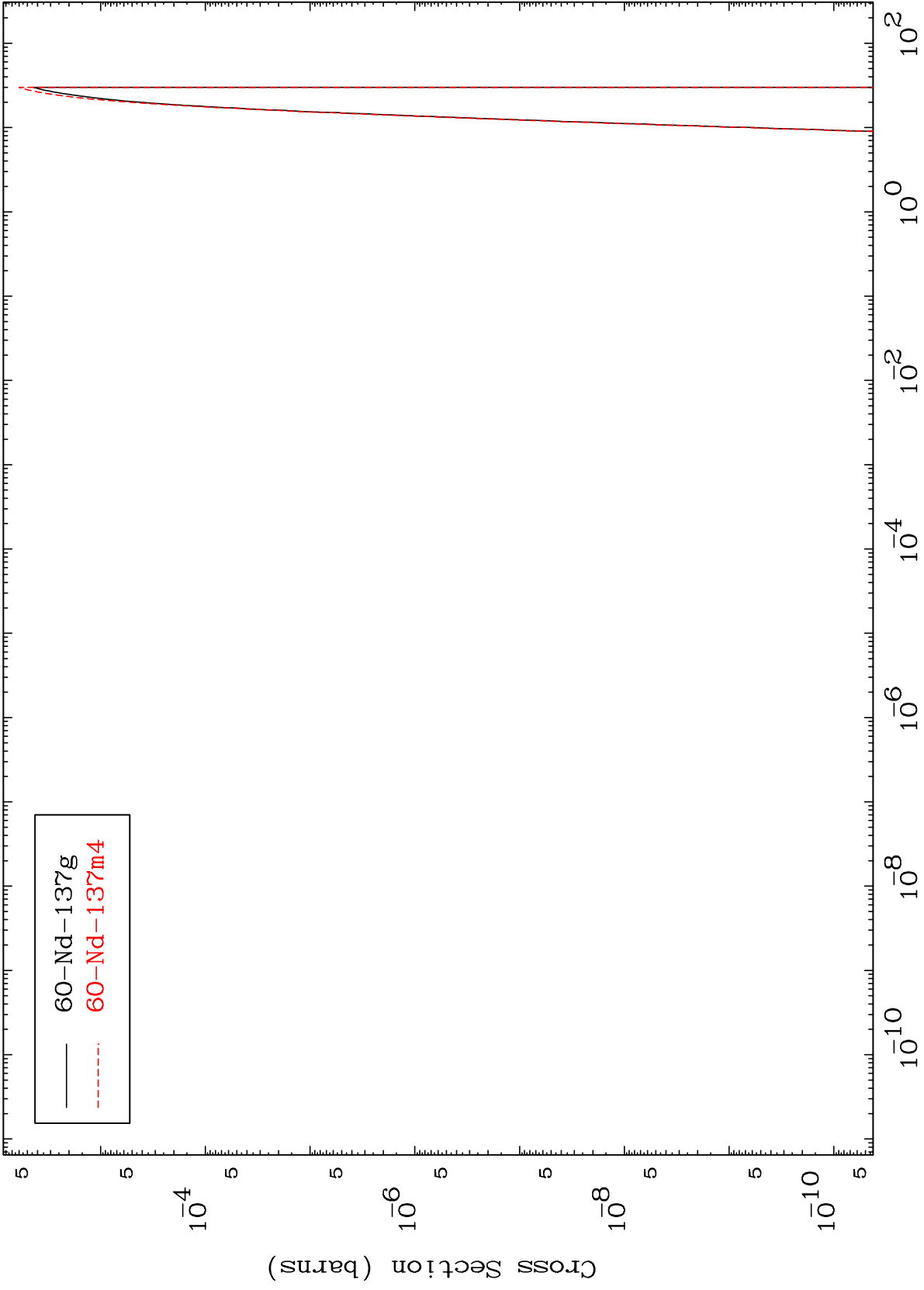
62-Sm-139

MAT 6211

(n,He-3)

62-Sm-139

Radionuclide Production Cross Section

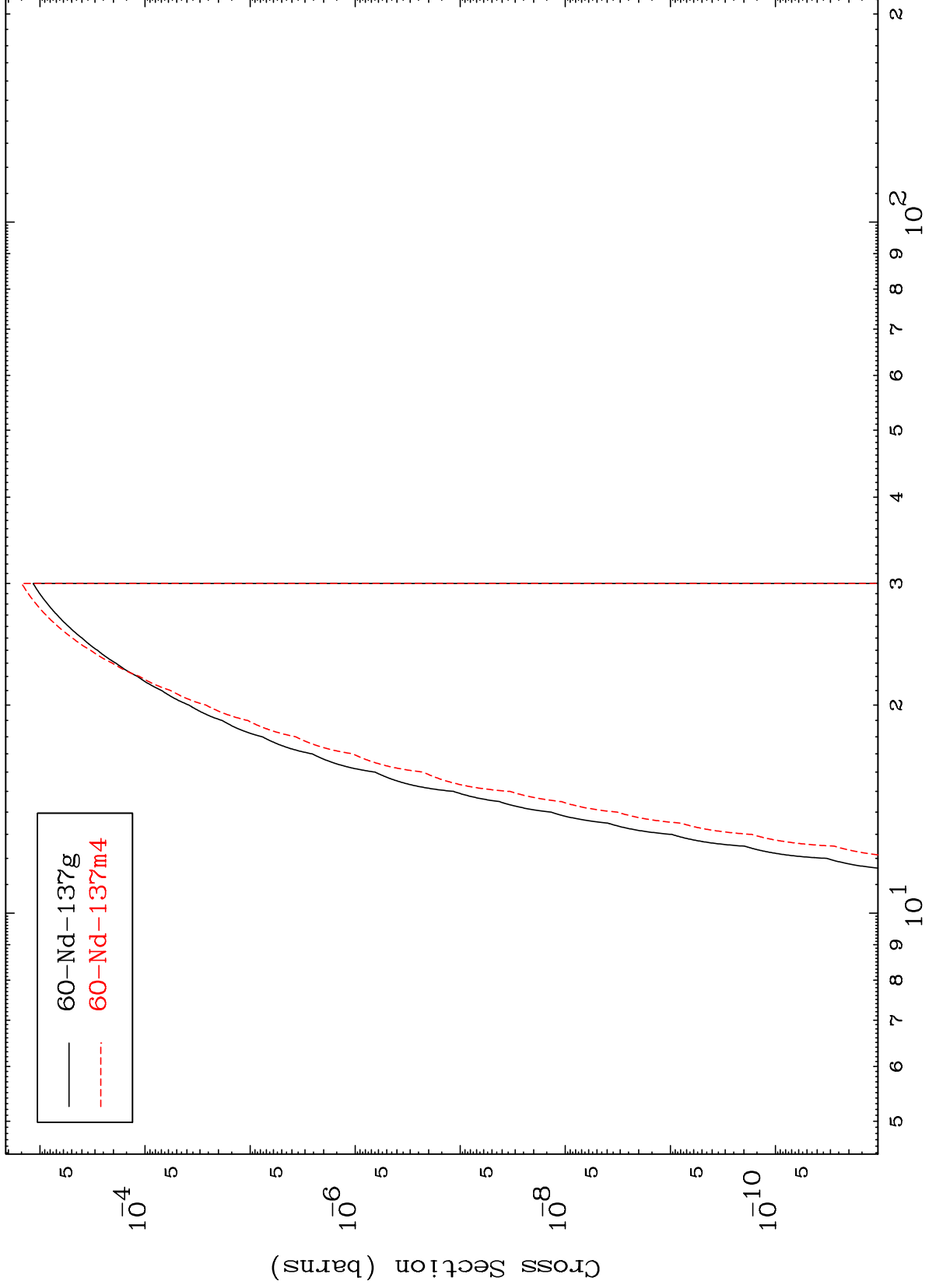


MAT 6211

(n,p) d

⁶²Sm-139

Radionuclide Production Cross Section



31

Incident Energy (MeV)

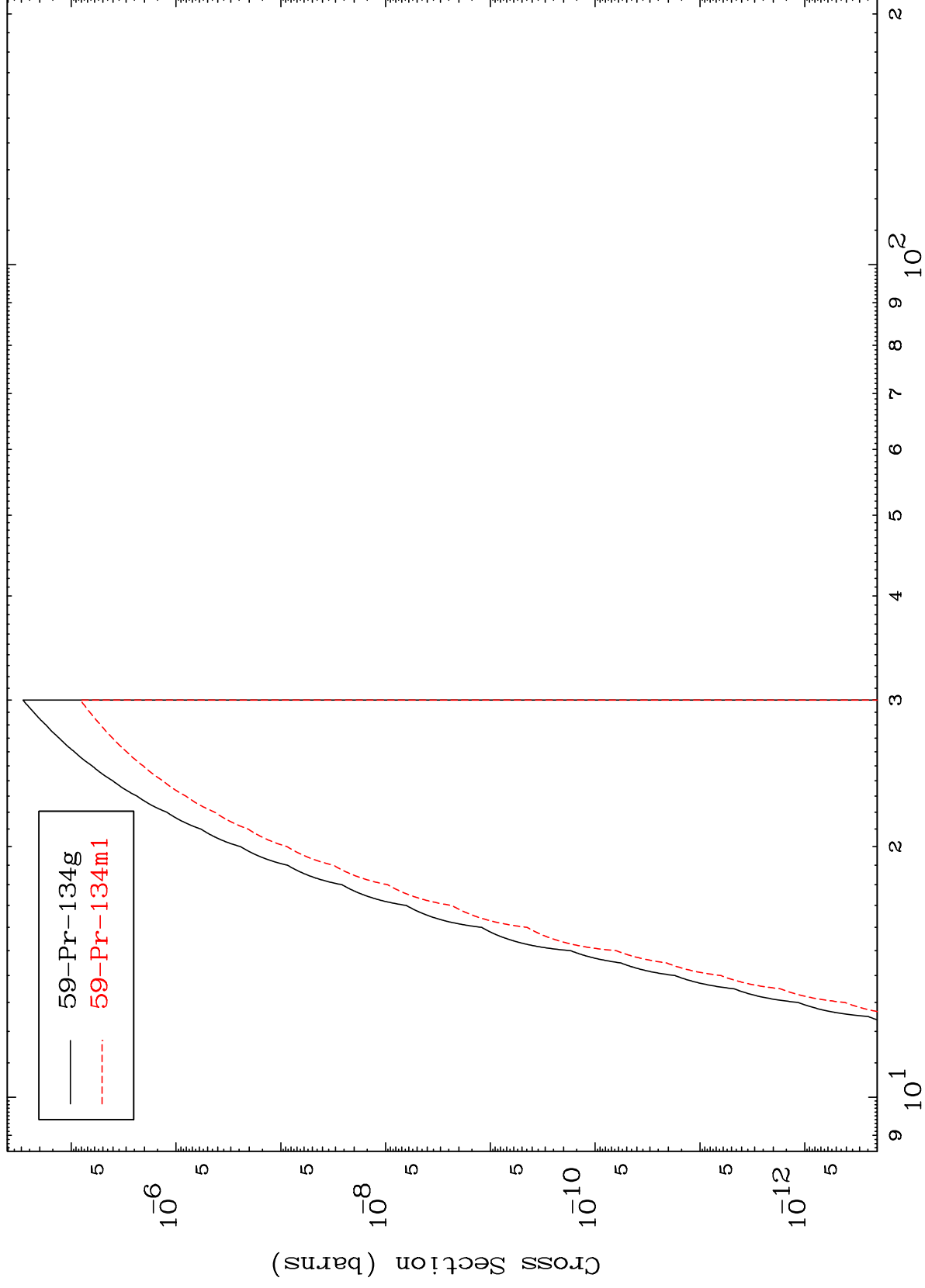
⁶²Sm-139

MAT 6211

(n,d) α

62-Sm-139

Radionuclide Production Cross Section



32

Incident Energy (MeV)

62-Sm-139