

Program EVALPLOT
(Version 2018-1)

by

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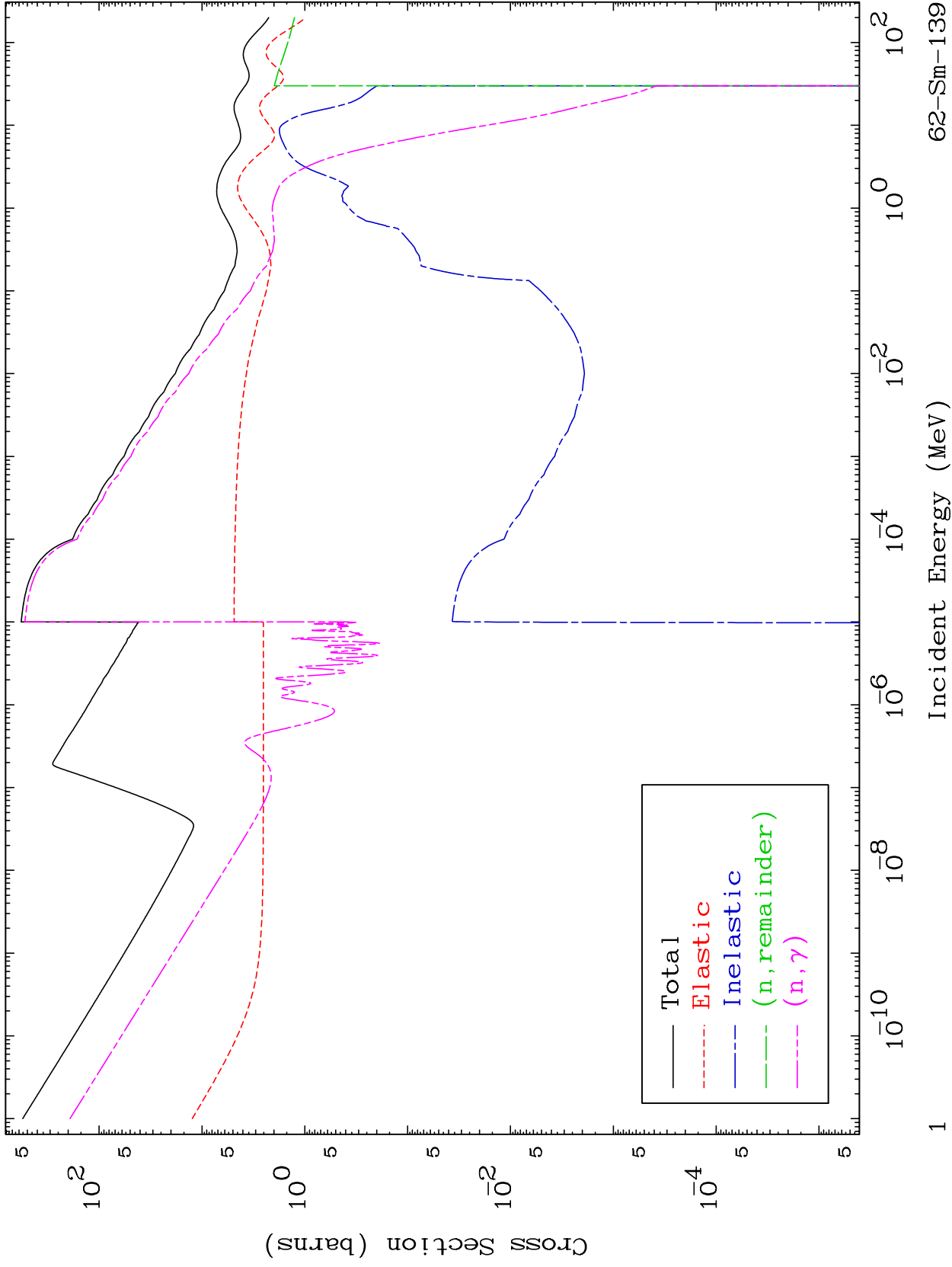
Press Mouse Button to Start

MAT 6211

Major

293 Kelvin Cross Sections

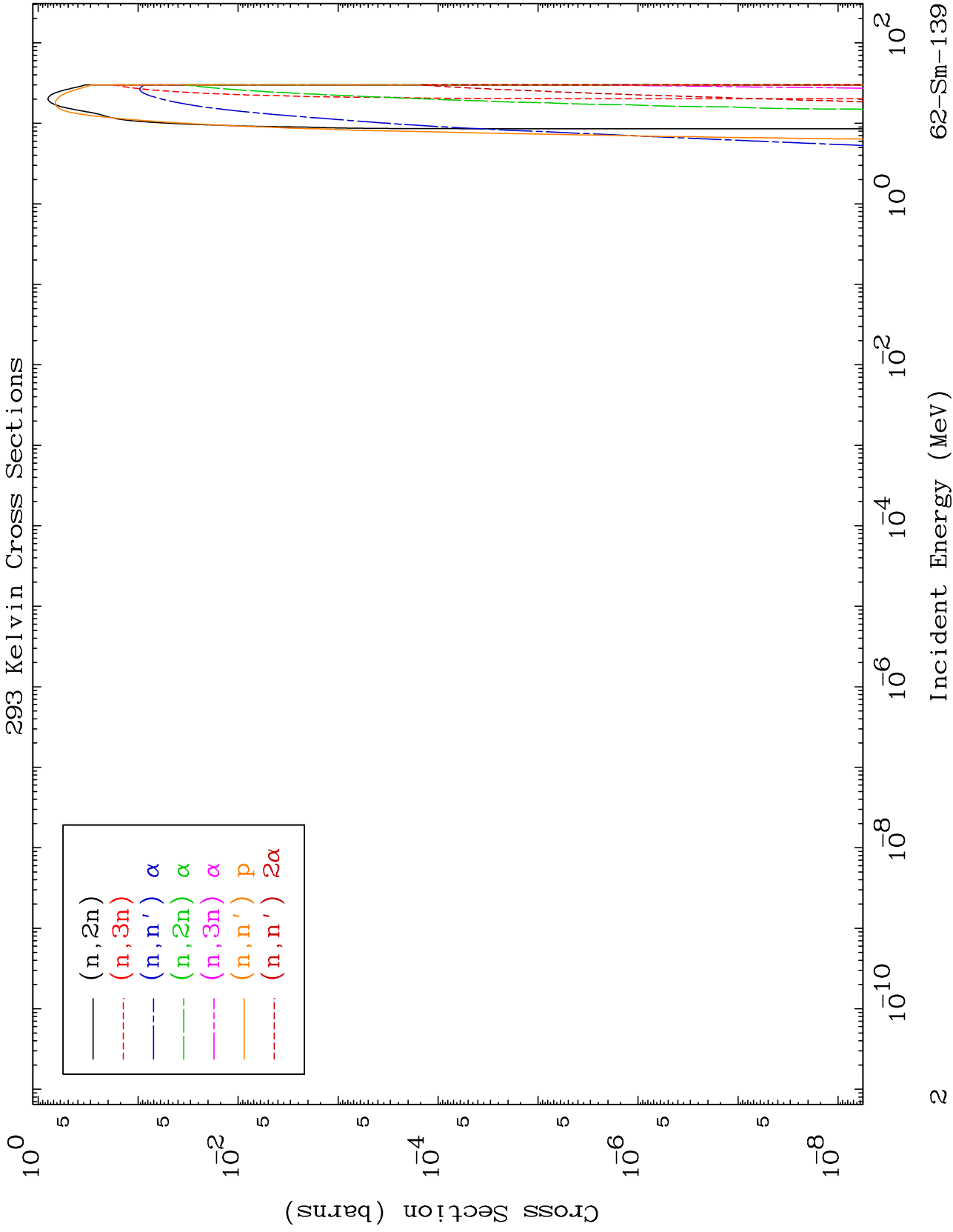
62-Sm-139

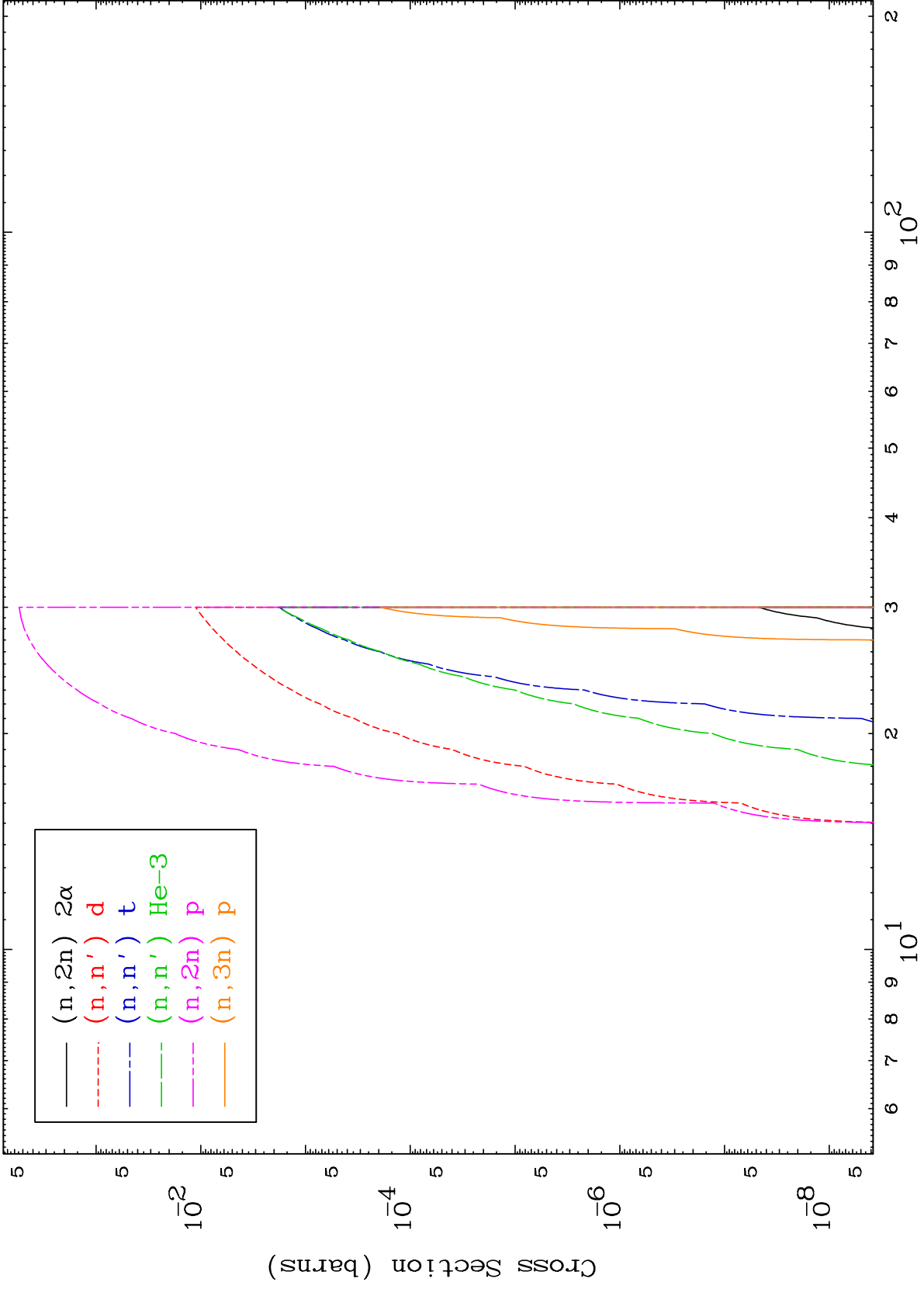


MAT 6211

Neutron Production
293 Kelvin Cross Sections

62-Sm-139

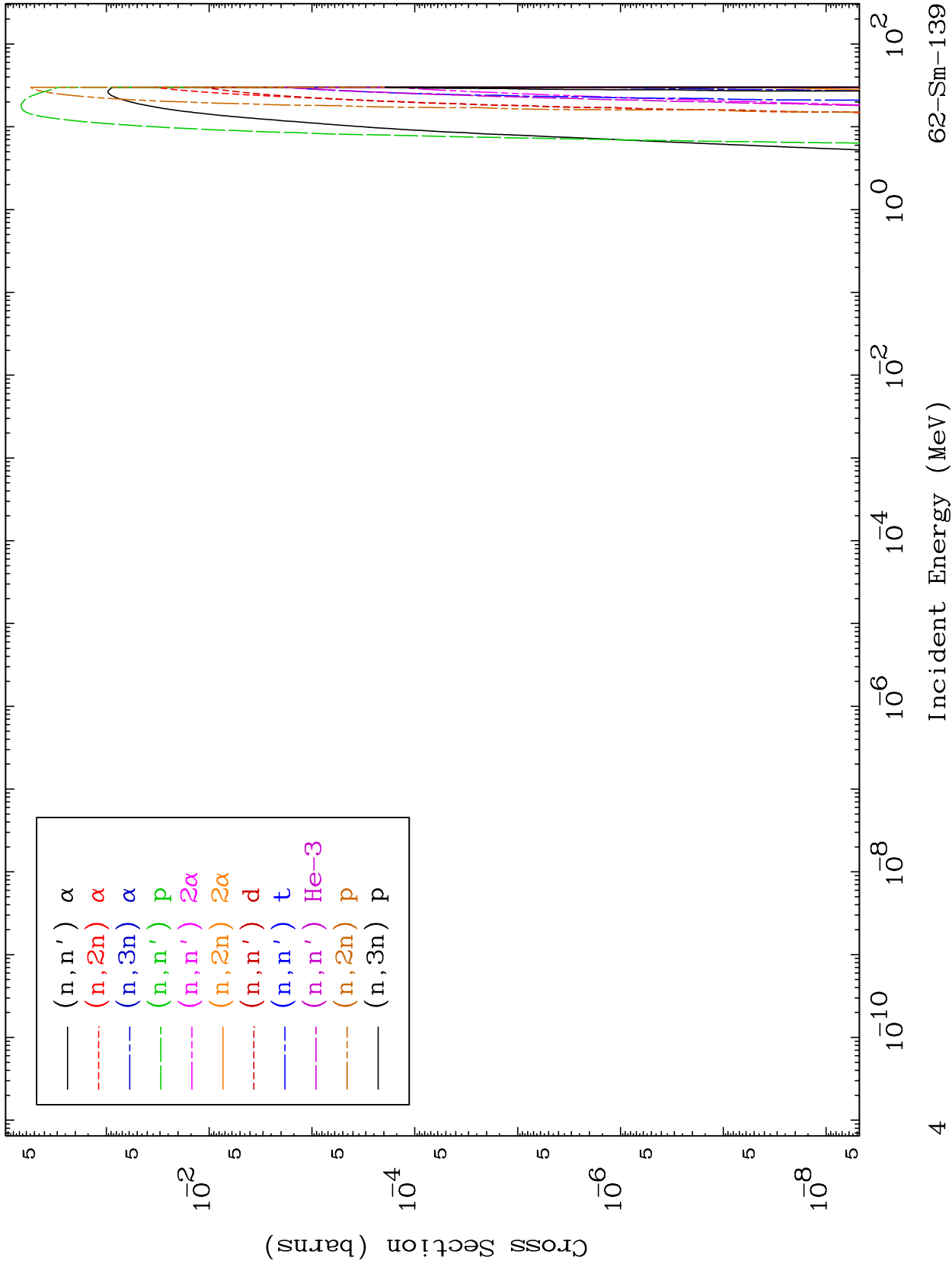




MAT 6211

Charged Particle
293 Kelvin Cross Sections

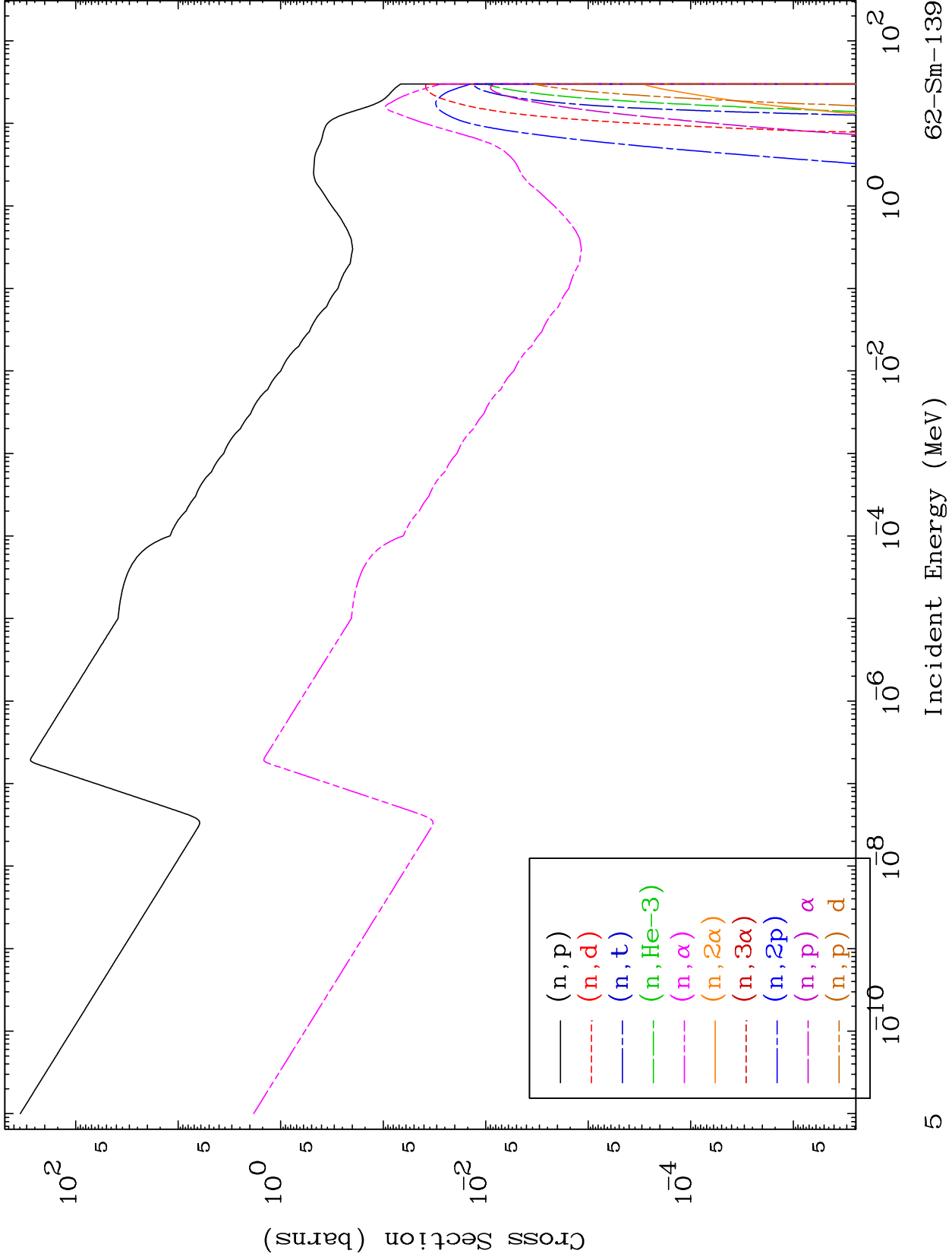
62-Sm-139

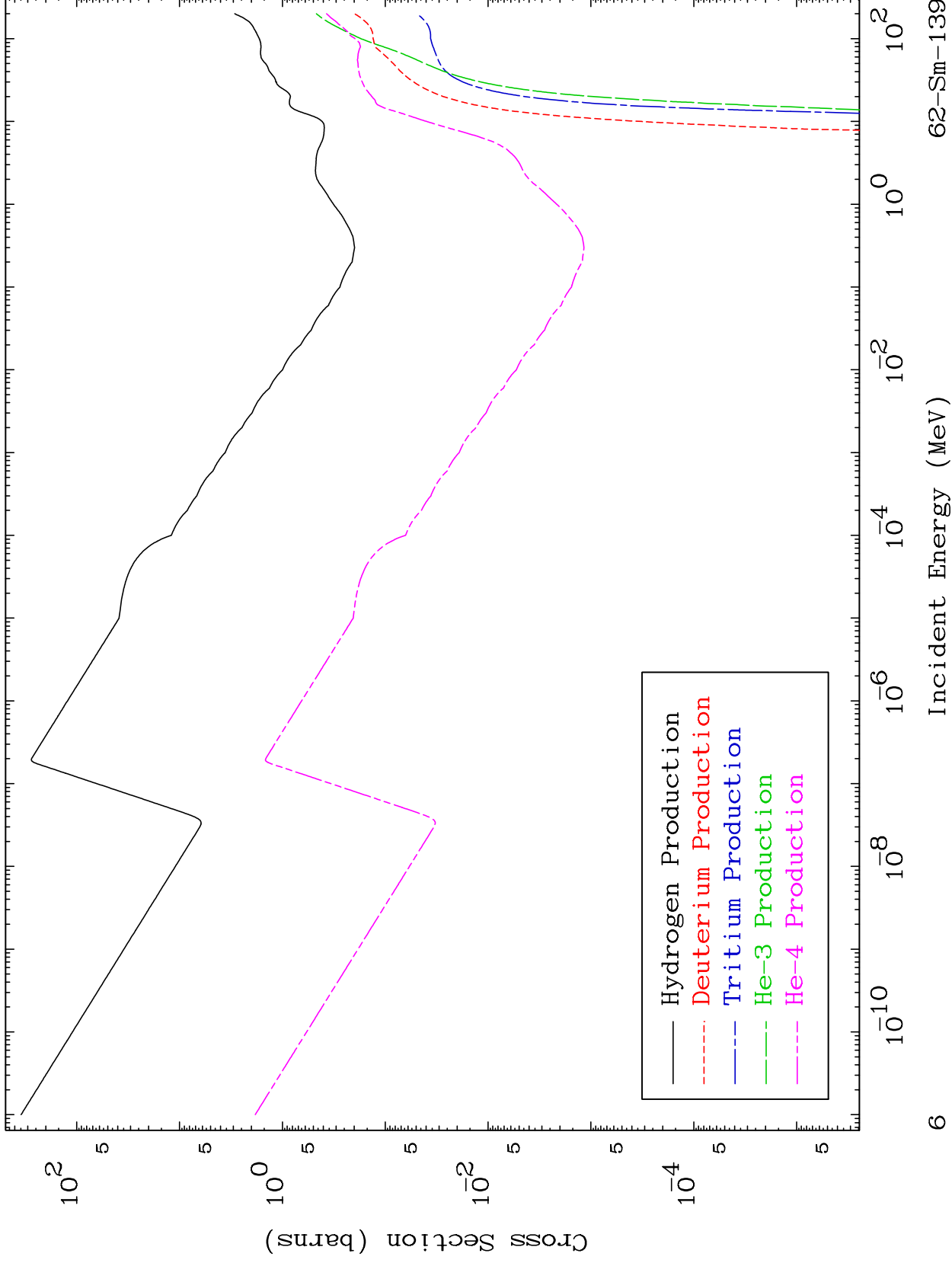


MAT 6211

Charged Particle
293 Kelvin Cross Sections

62-Sm-139



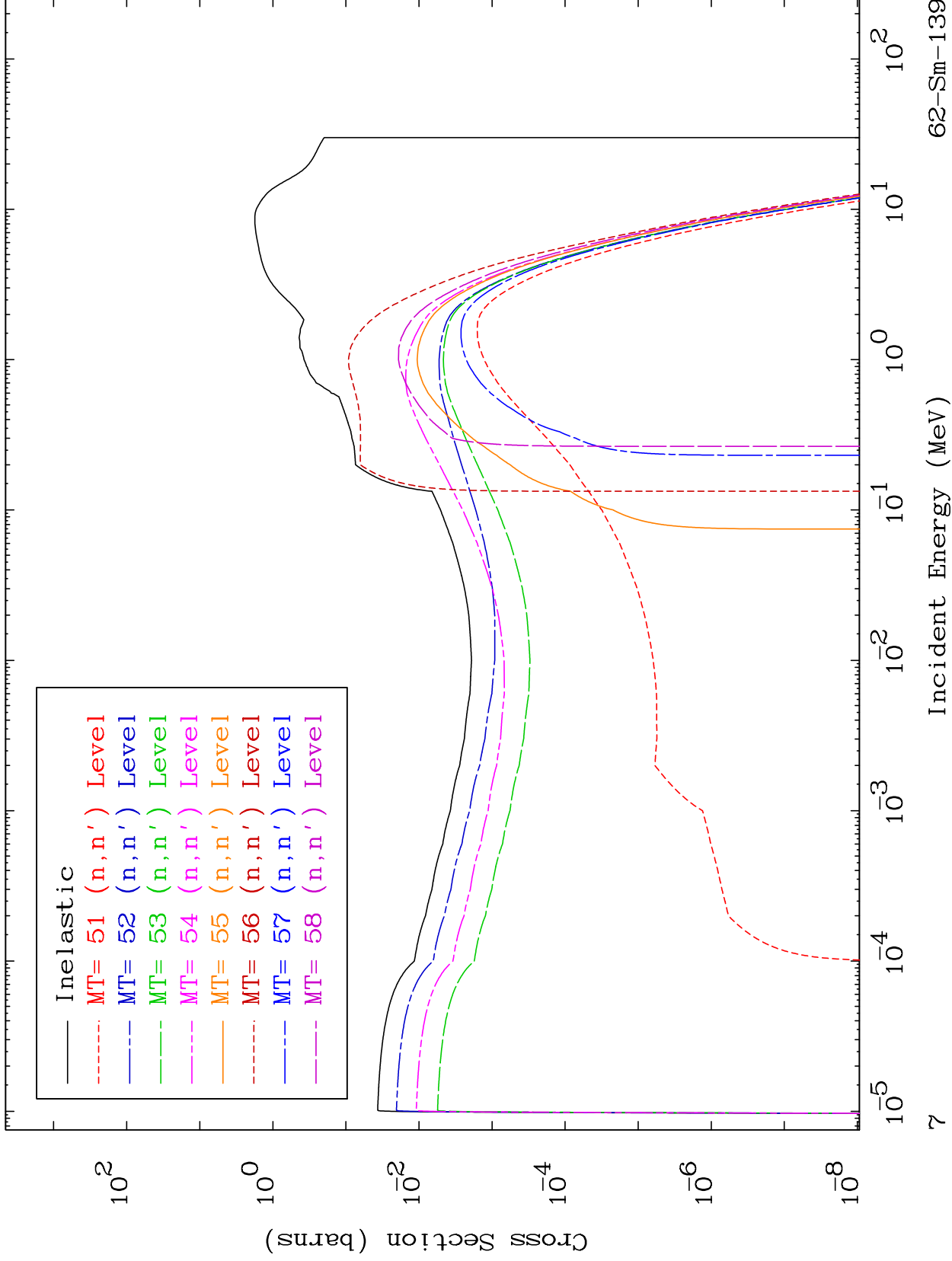


MAT 6211

(n,n') Level

62-Sm-139

293 Kelvin Cross Sections

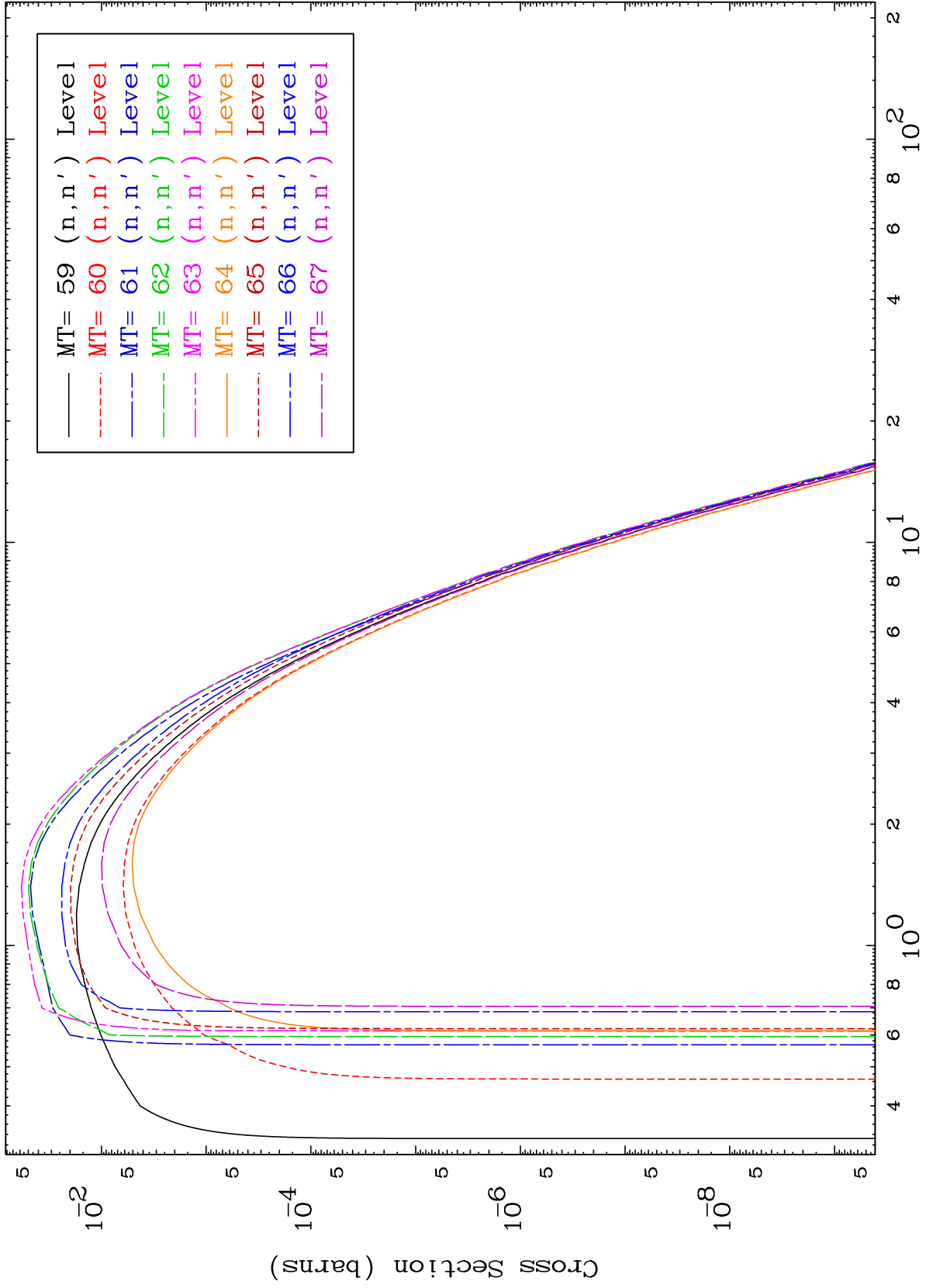


MAT 6211

(n,n') Level

62-Sm-139

293 Kelvin Cross Sections



8

Incident Energy (MeV)

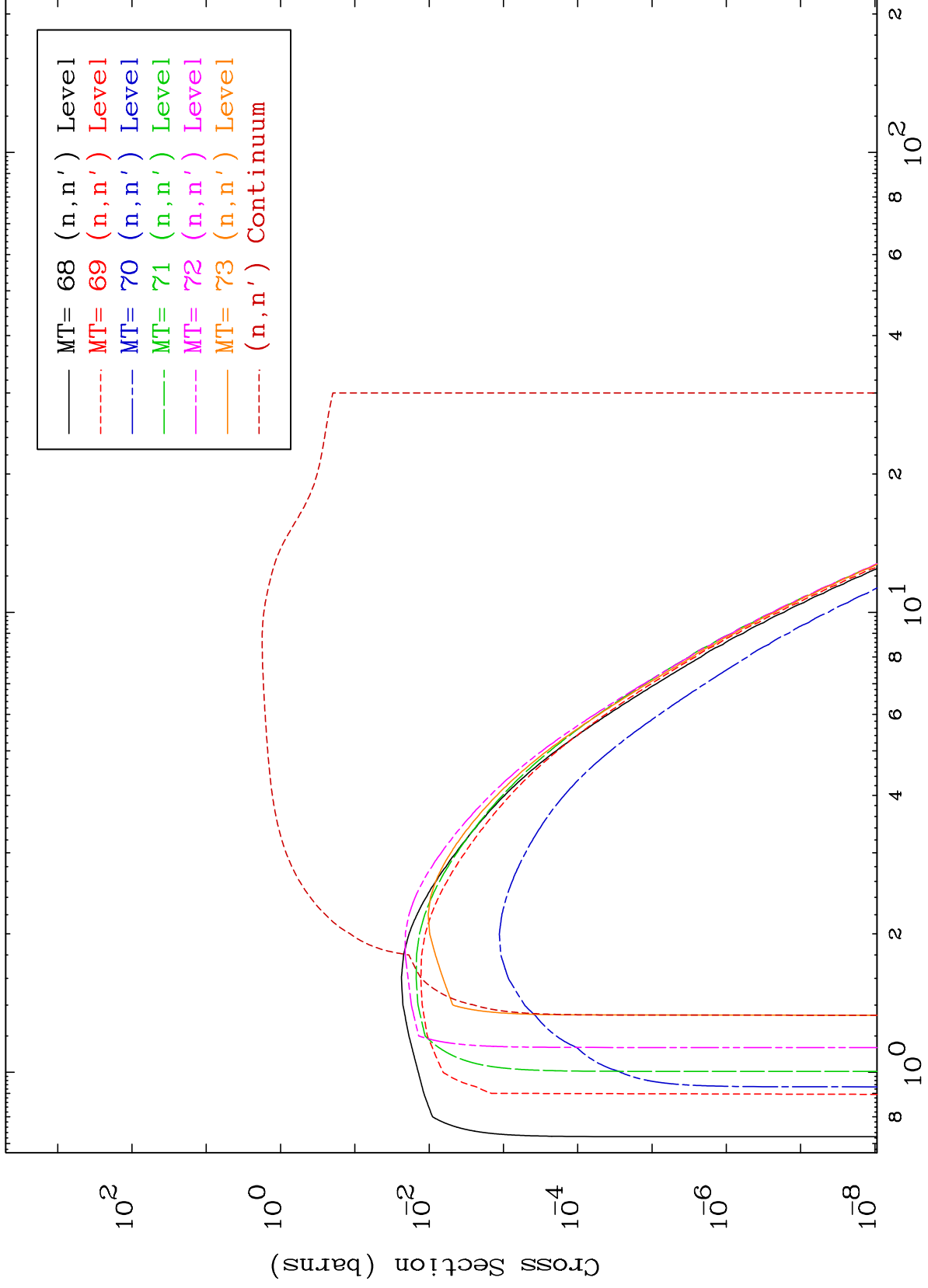
62-Sm-139

MAT 6211

(n,n') Level

62-Sm-139

293 Kelvin Cross Sections



9

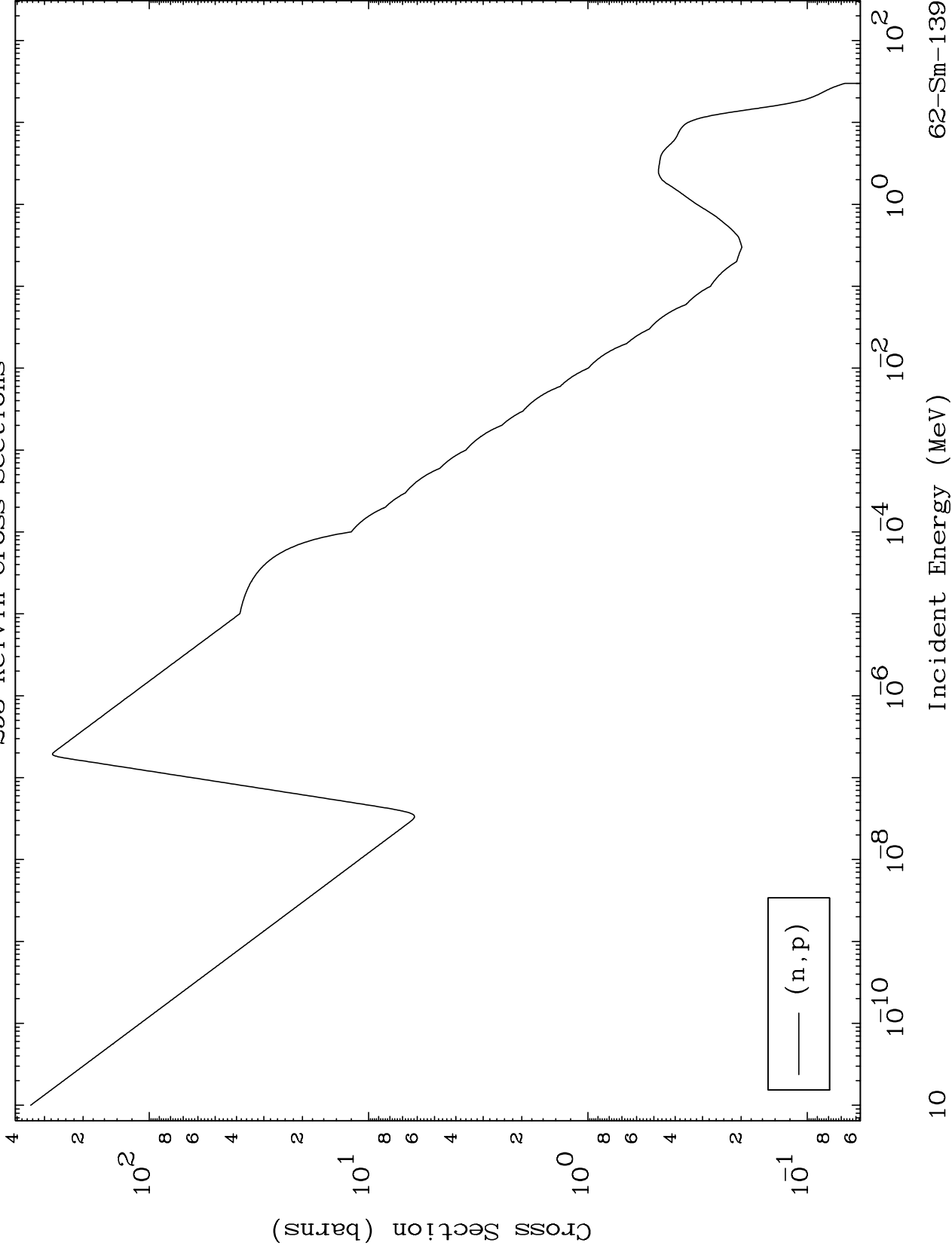
Incident Energy (MeV)

62-Sm-139

MAT 6211

(n,p) Levels
293 Kelvin Cross Sections

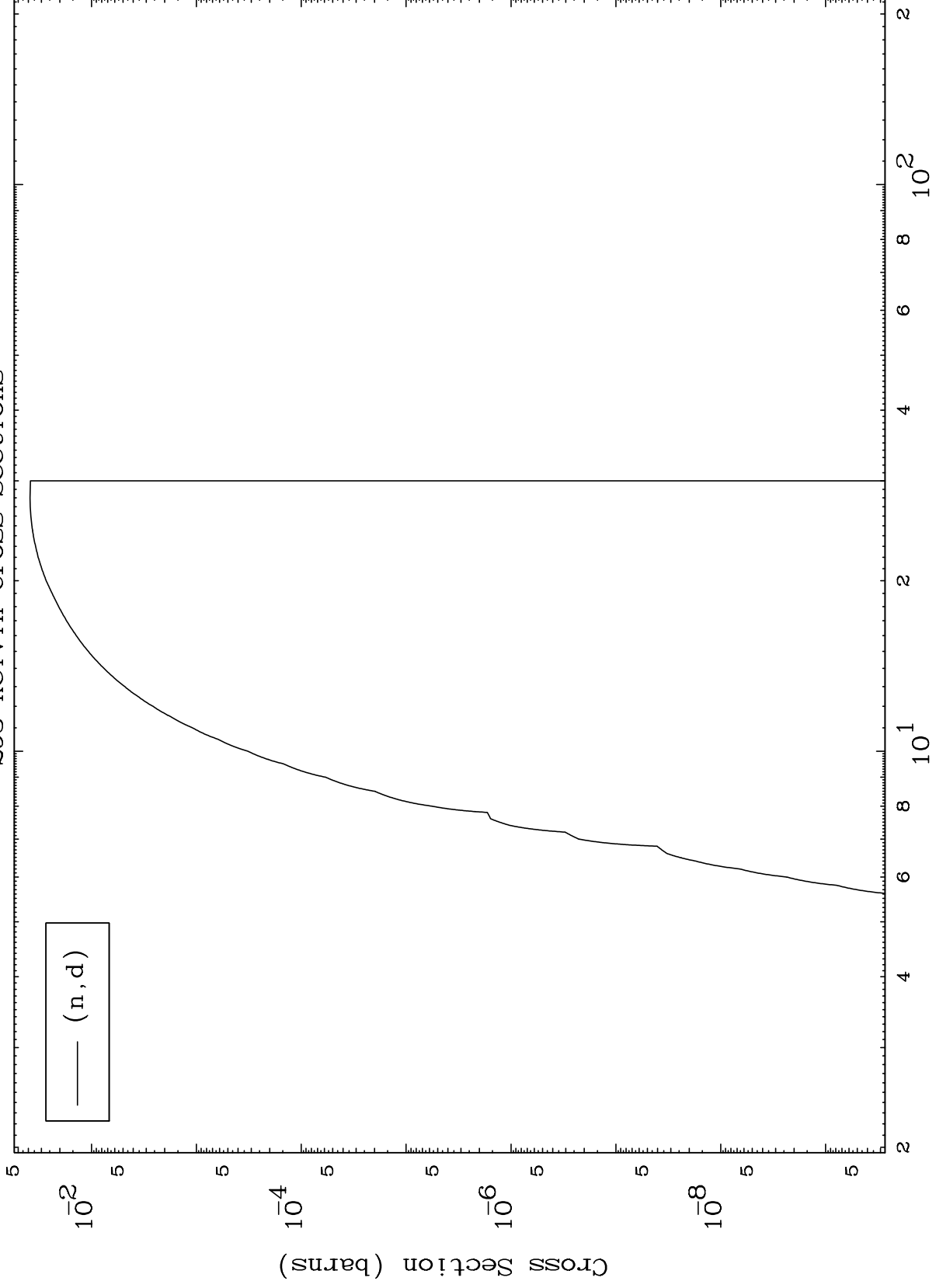
62-Sm-139



MAT 6211

(n,d) Levels
293 Kelvin Cross Sections

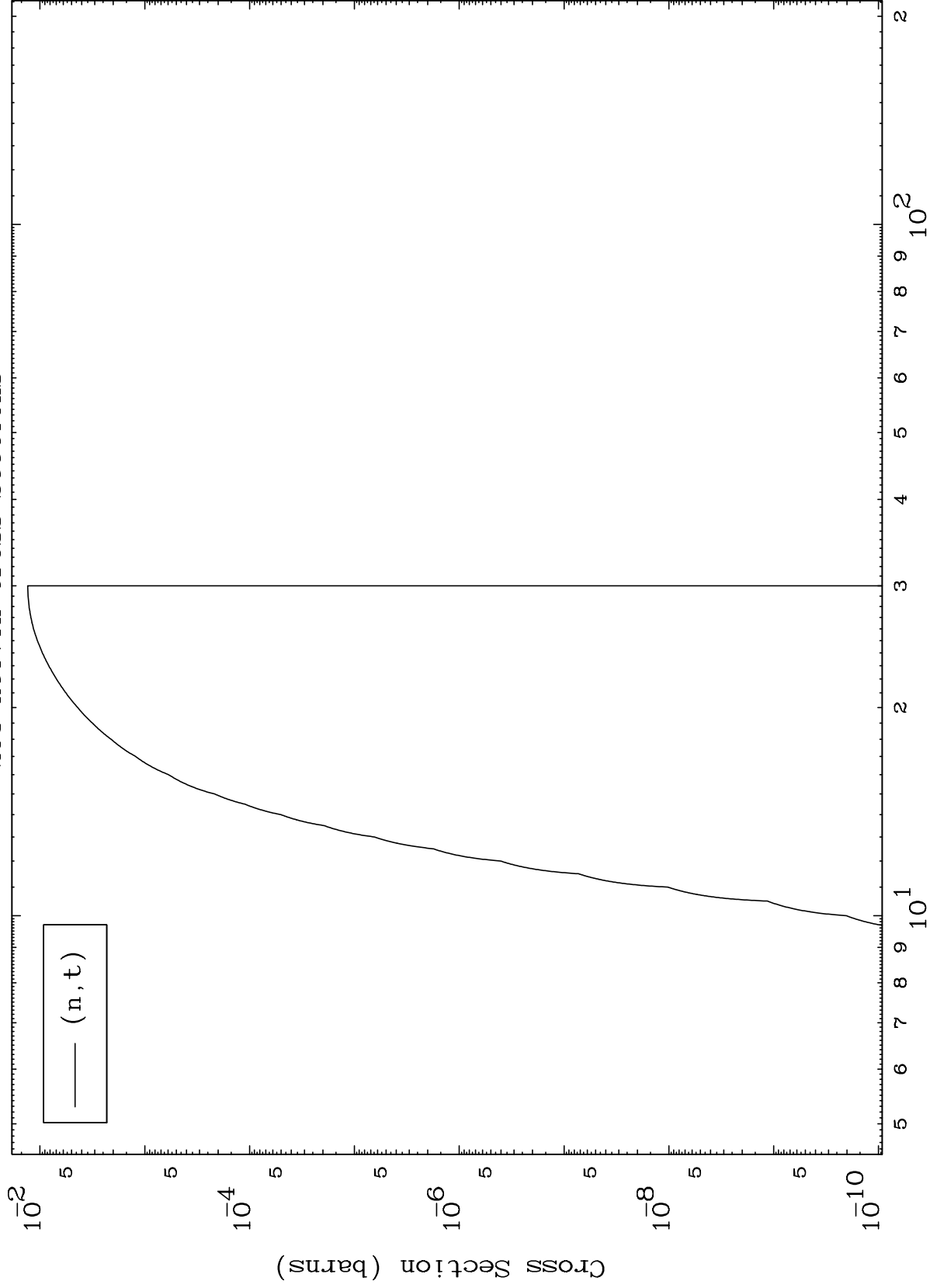
62-Sm-139



MAT 6211

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-139



12

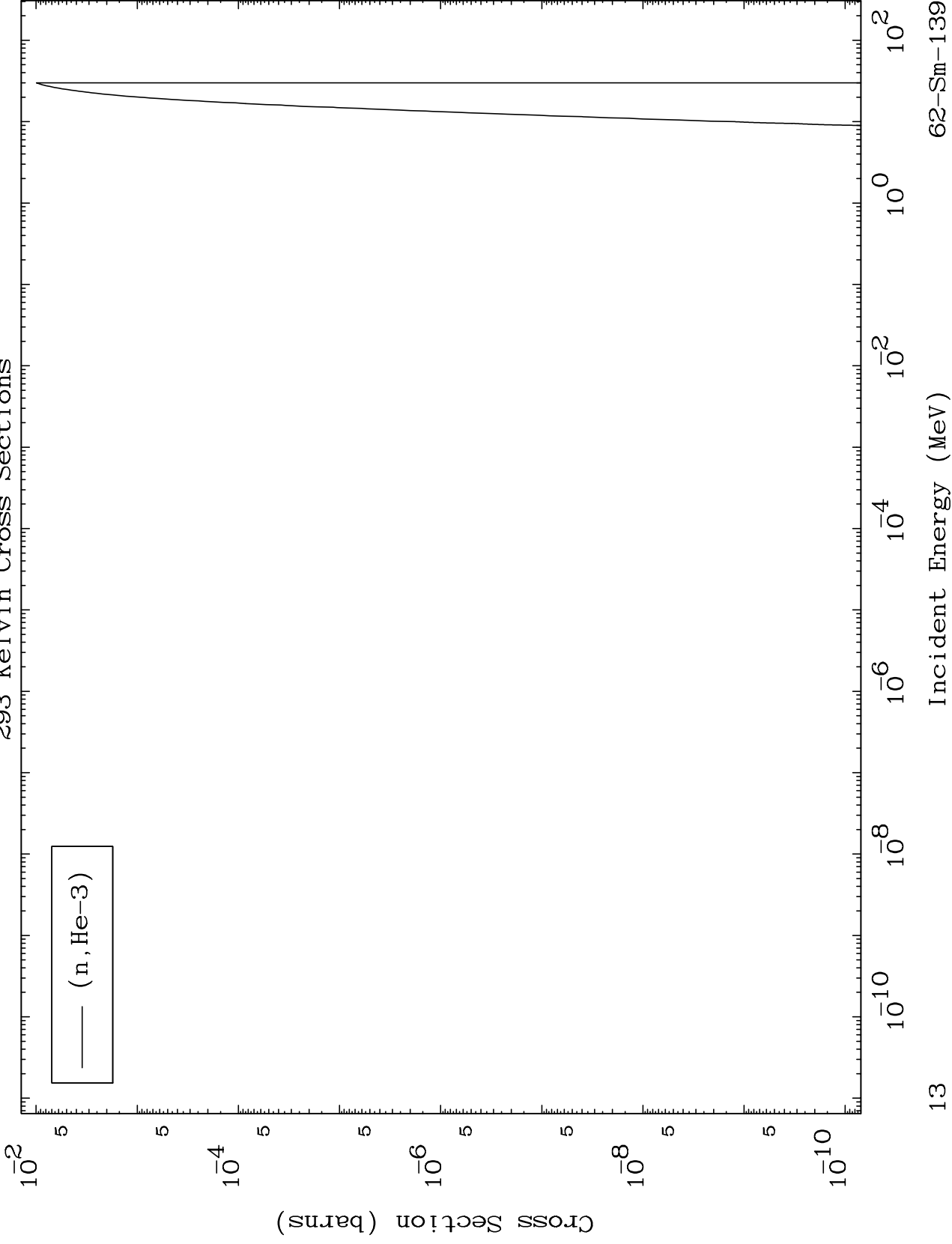
Incident Energy (MeV)

62-Sm-139

MAT 6211

(n,He3) Levels
293 Kelvin Cross Sections

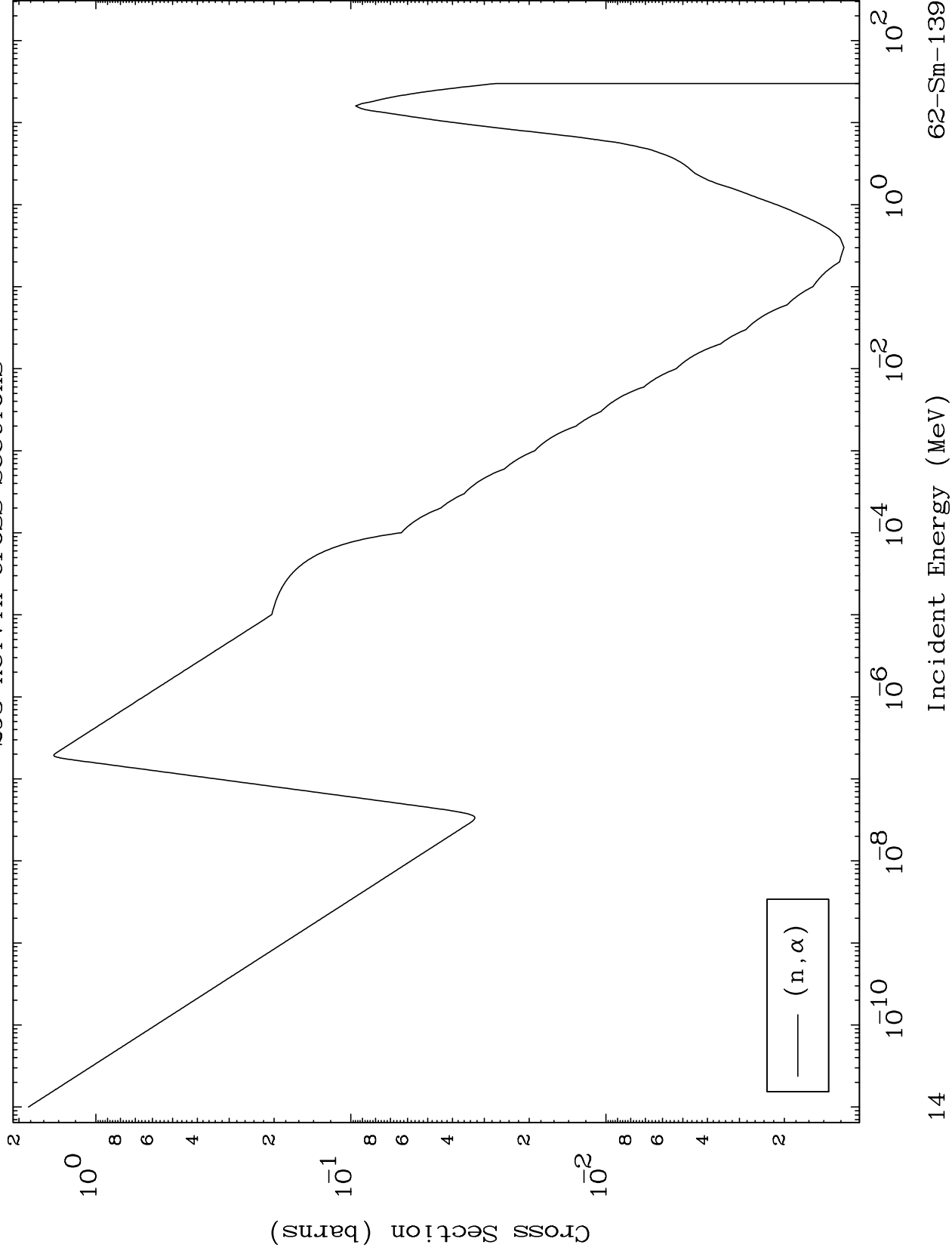
62-Sm-139

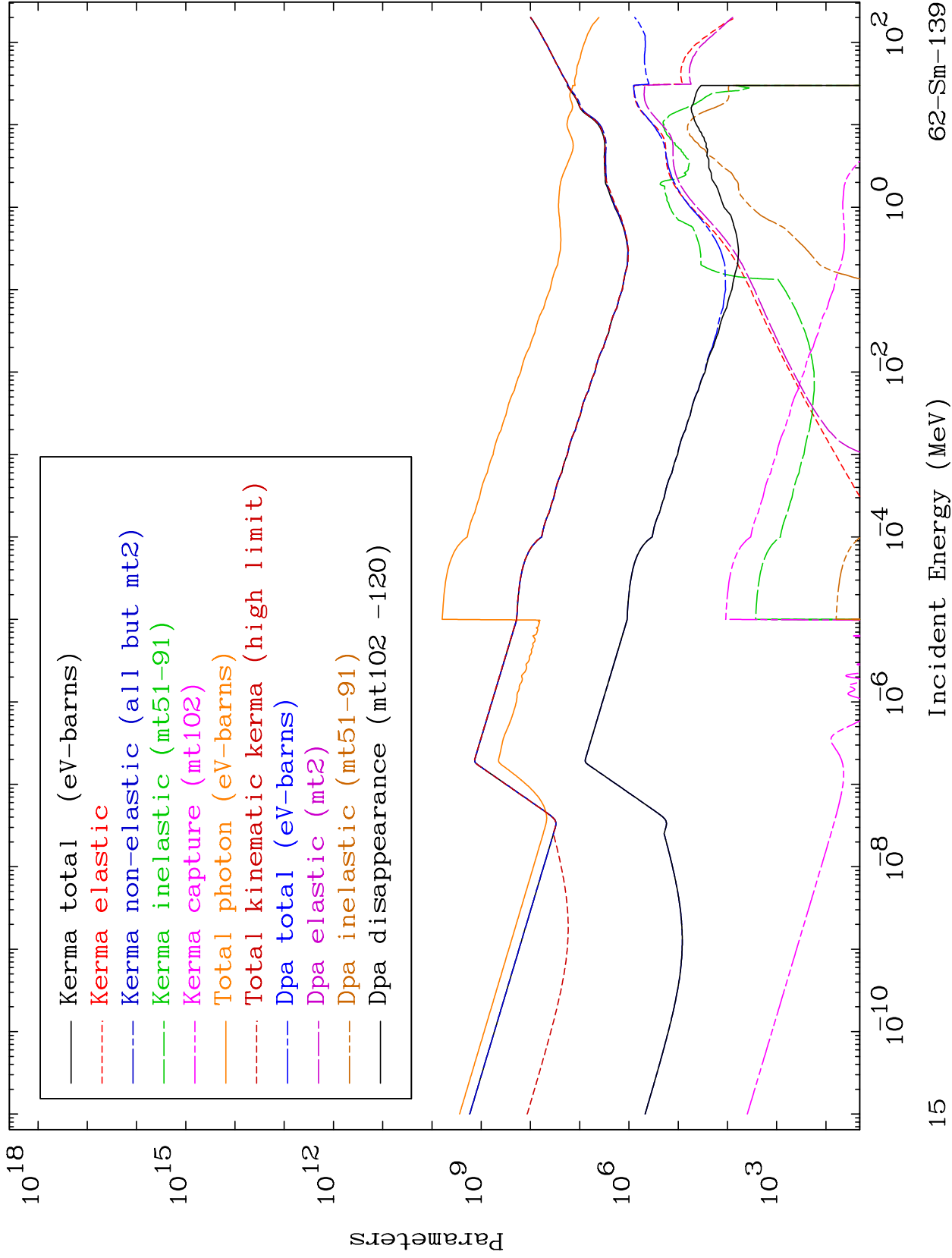


MAT 6211

(n,α) Levels
293 Kelvin Cross Sections

62-Sm-139

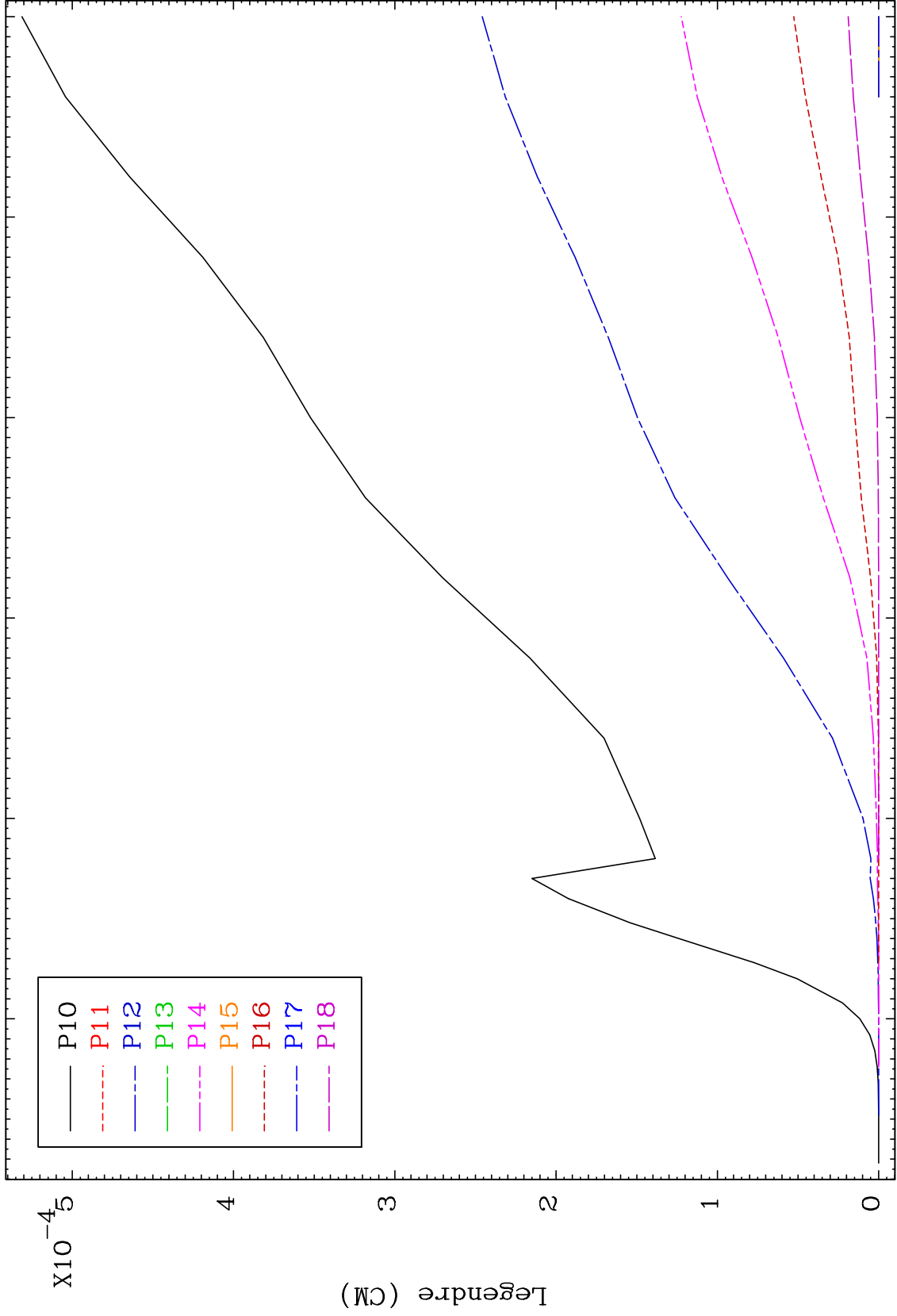




MAT 6211

Elastic
Legendre Coefficients

62-Sm-139



17

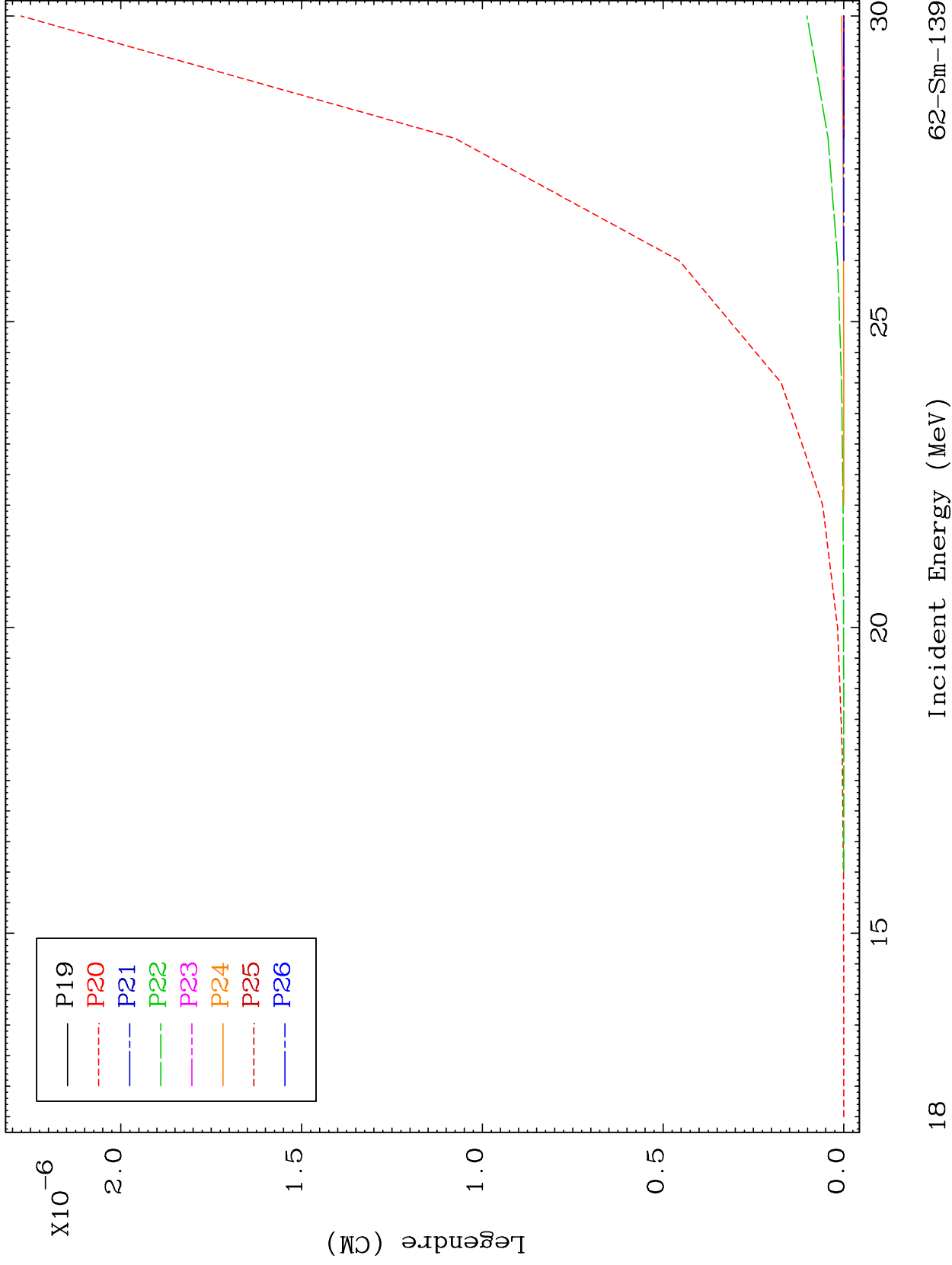
Incident Energy (MeV)

62-Sm-139

MAT 6211

Elastic Legendre Coefficients

62-Sm-139



18

Incident Energy (MeV)

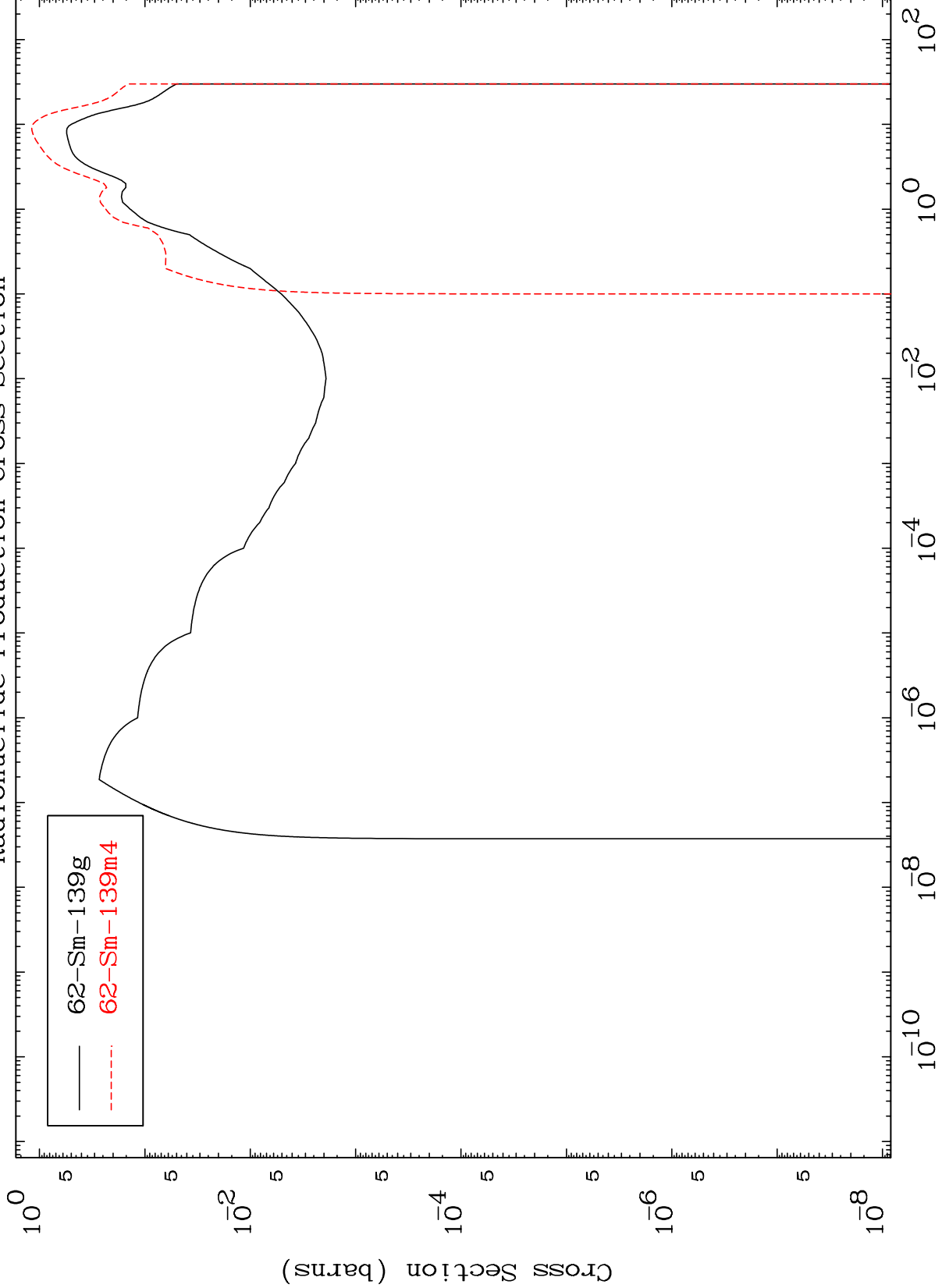
62-Sm-139

MAT 6211

Inelastic

62-Sm-139

Radionuclide Production Cross Section



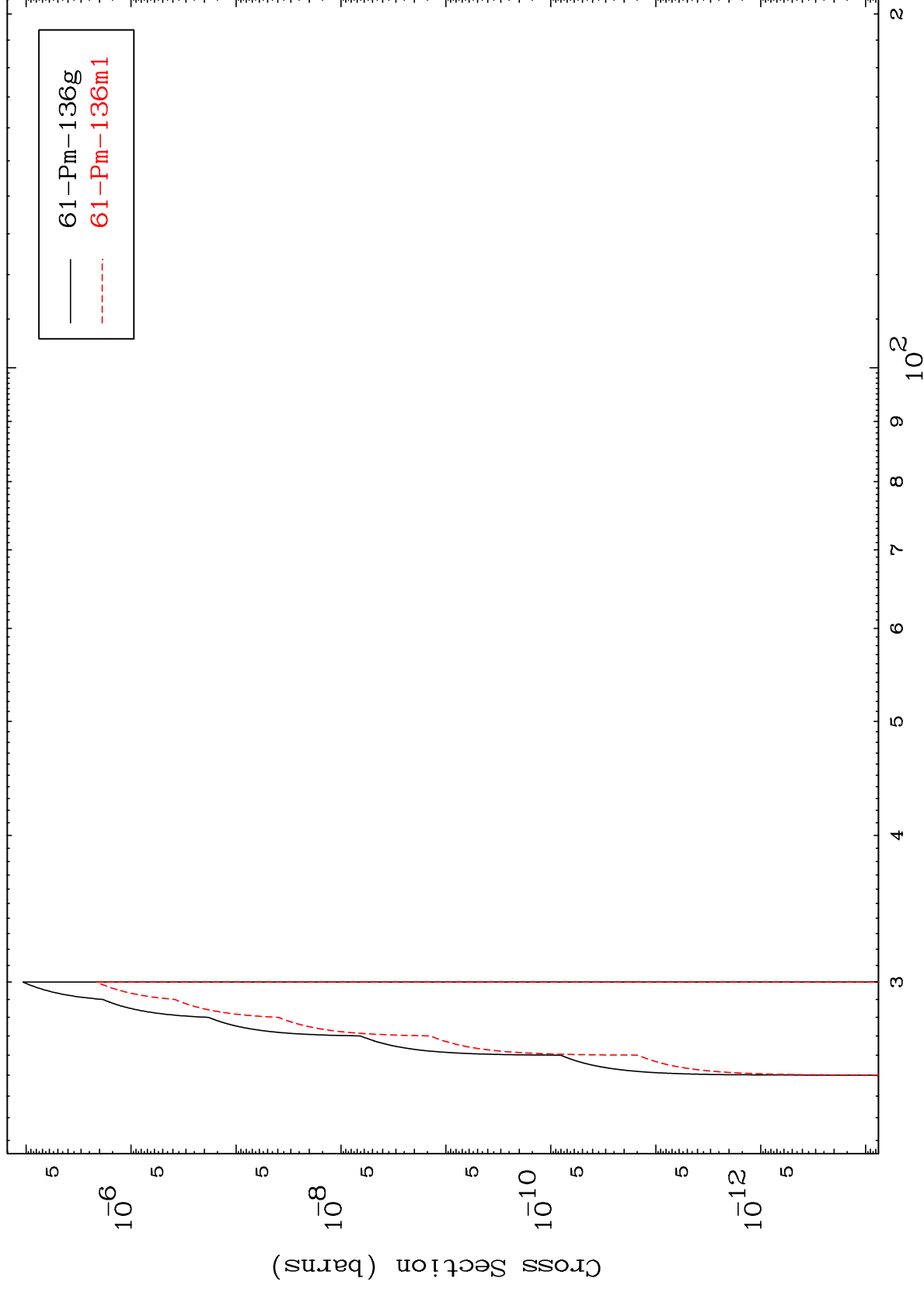
62-Sm-139g
62-Sm-139m4

MAT 6211

(n,2n) d

62-Sm-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

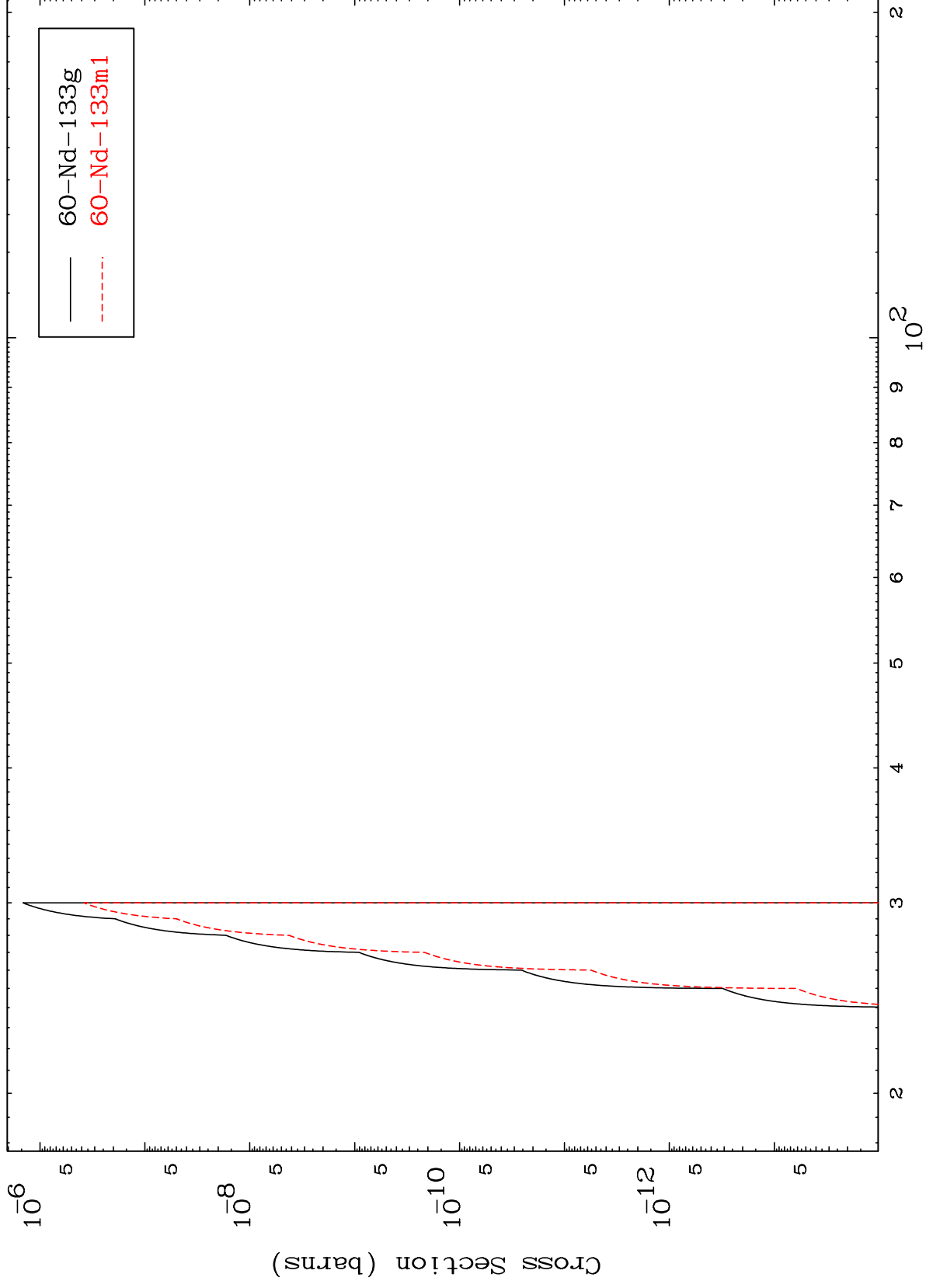
62-Sm-139

MAT 6211

$(n,3n) \alpha$

62-Sm-139

Radionuclide Production Cross Section



21

Incident Energy (MeV)

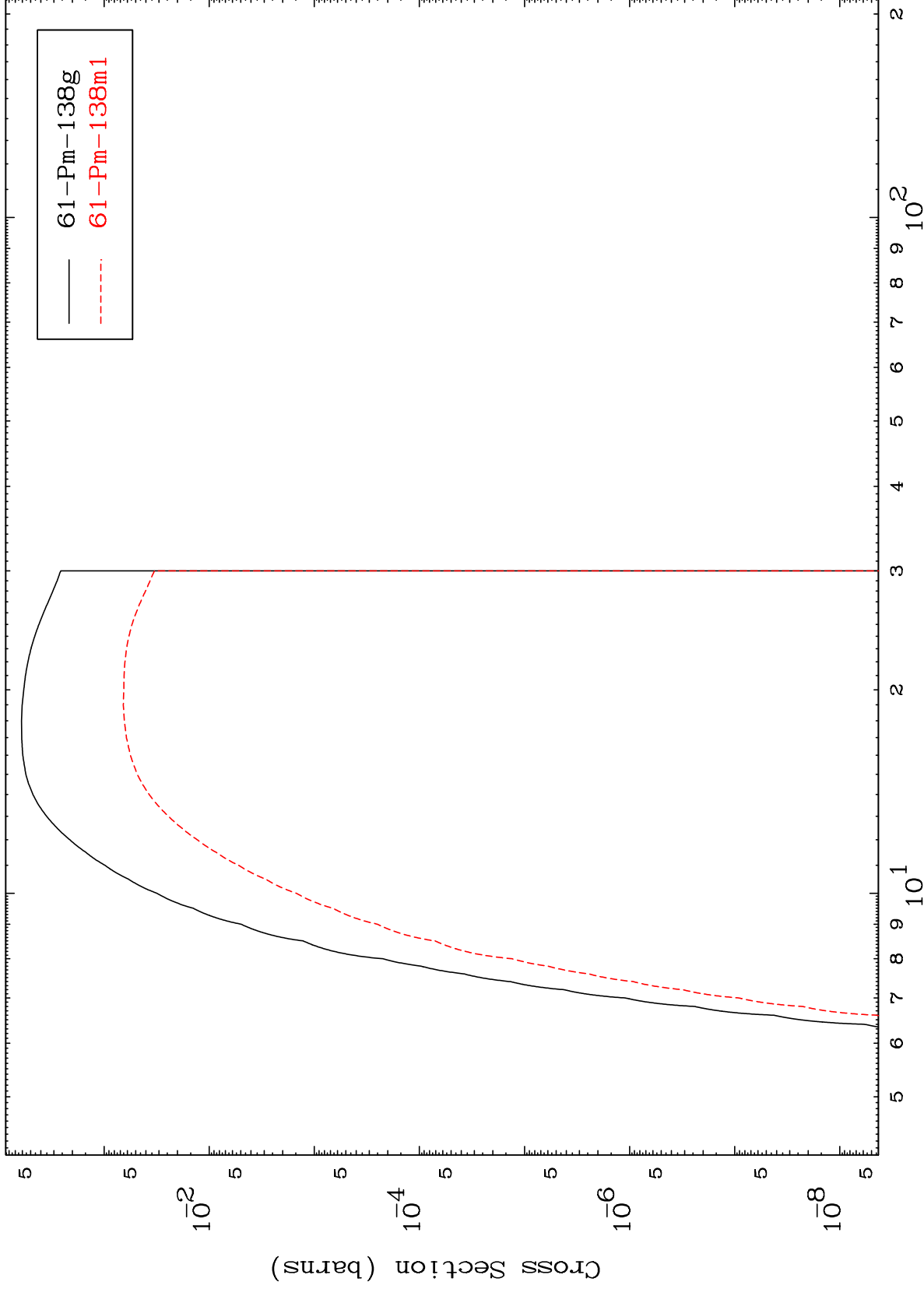
62-Sm-139

MAT 6211

(n,n') p

62-Sm-139

Radionuclide Production Cross Section



22

Incident Energy (MeV)

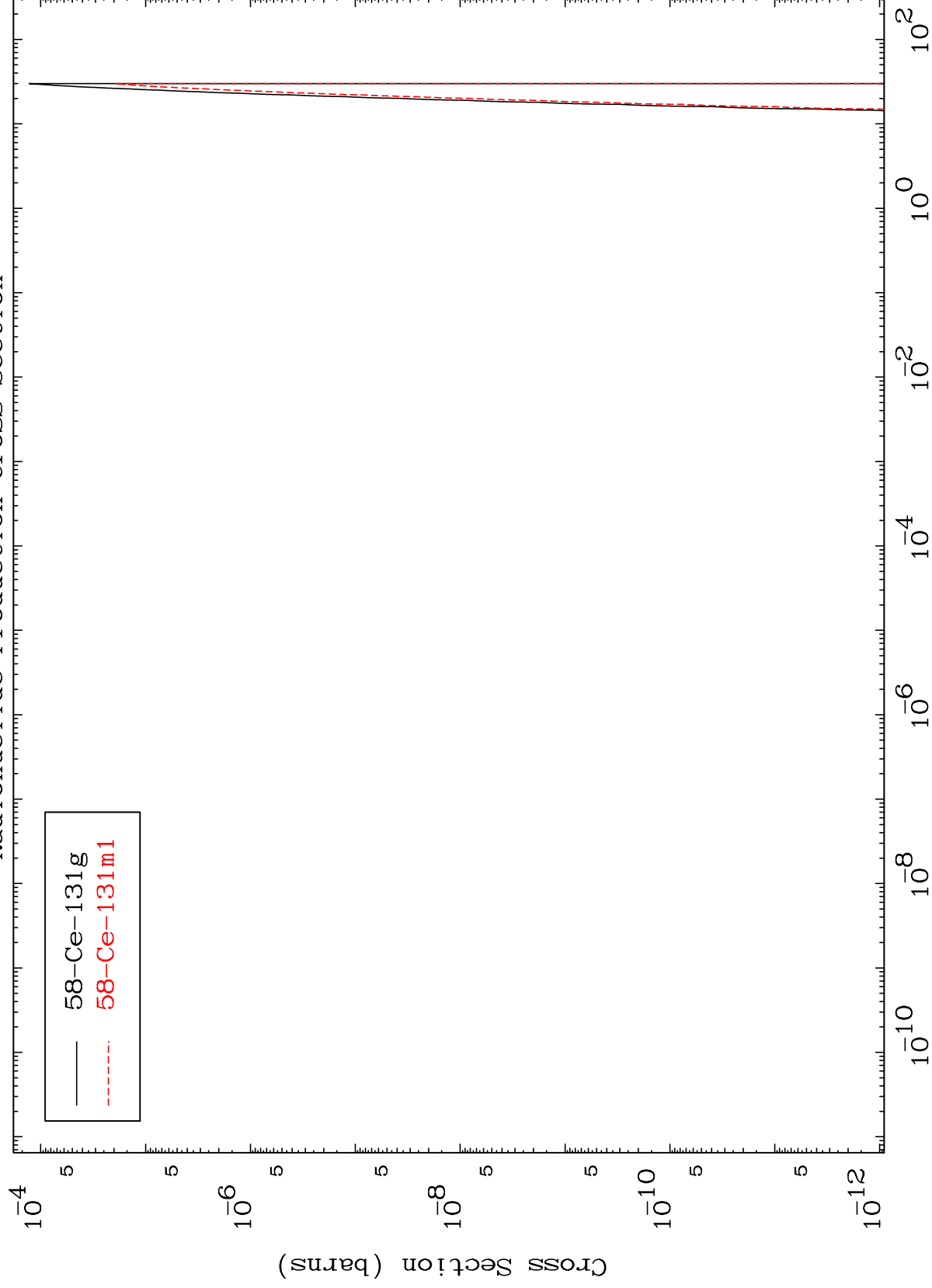
62-Sm-139

MAT 6211

(n,n') 2 α

62-Sm-139

Radionuclide Production Cross Section



23

Incident Energy (MeV)

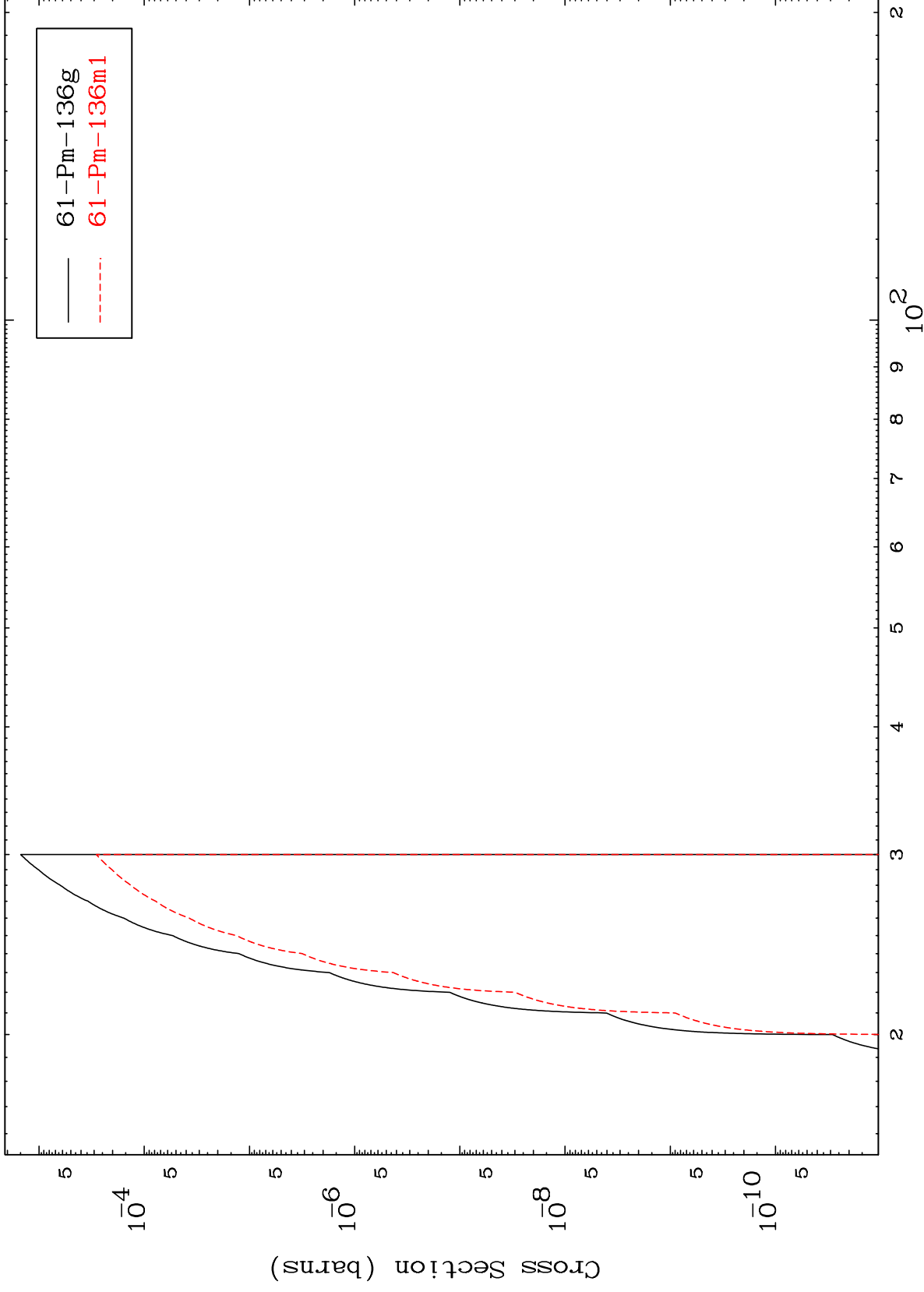
62-Sm-139

MAT 6211

(n,n') t

62-Sm-139

Radionuclide Production Cross Section



24

Incident Energy (MeV)

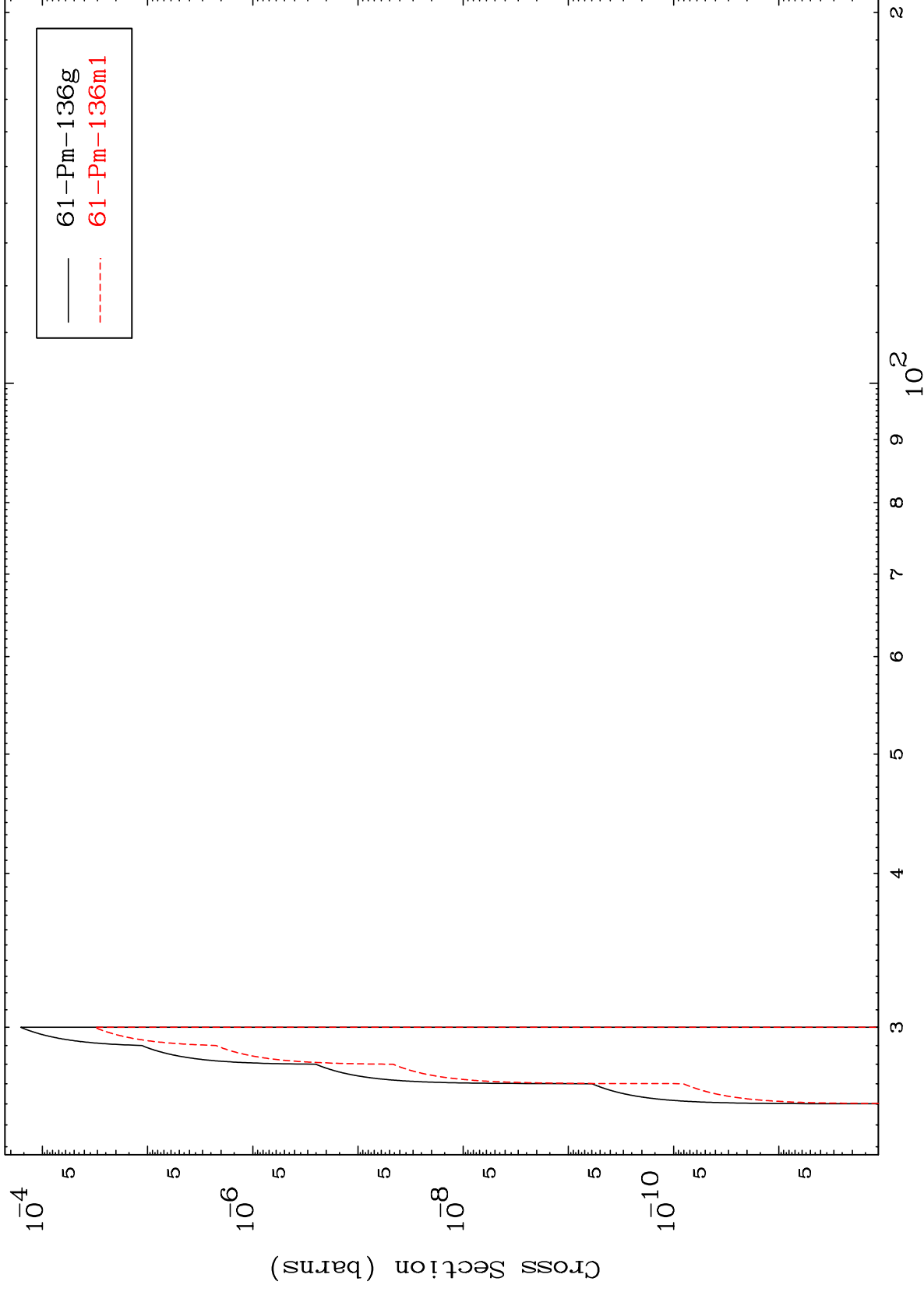
62-Sm-139

MAT 6211

(n,3n) p

62-Sm-139

Radionuclide Production Cross Section



25

Incident Energy (MeV)

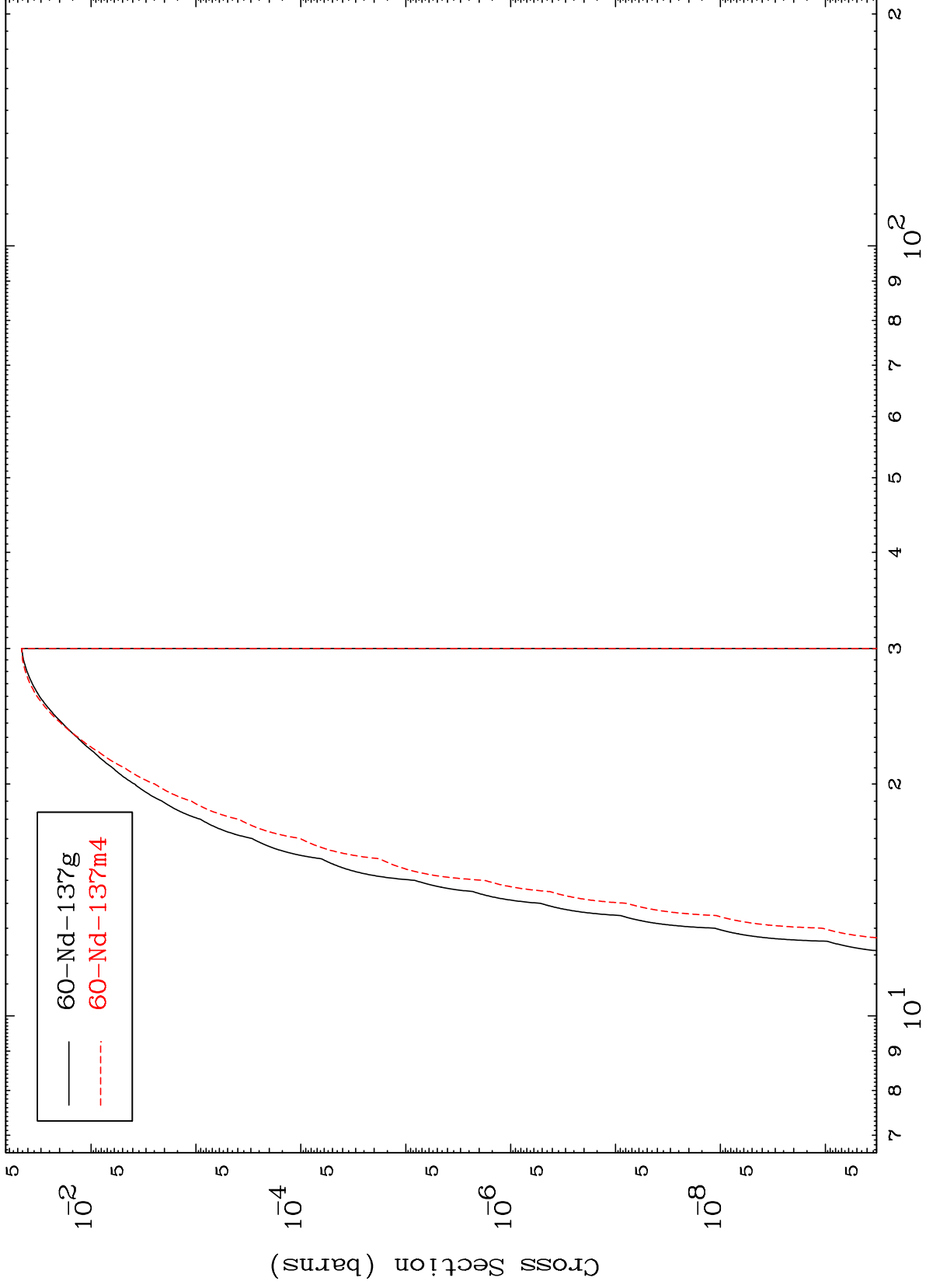
62-Sm-139

MAT 6211

(n,2n) p

62-Sm-139

Radionuclide Production Cross Section



26

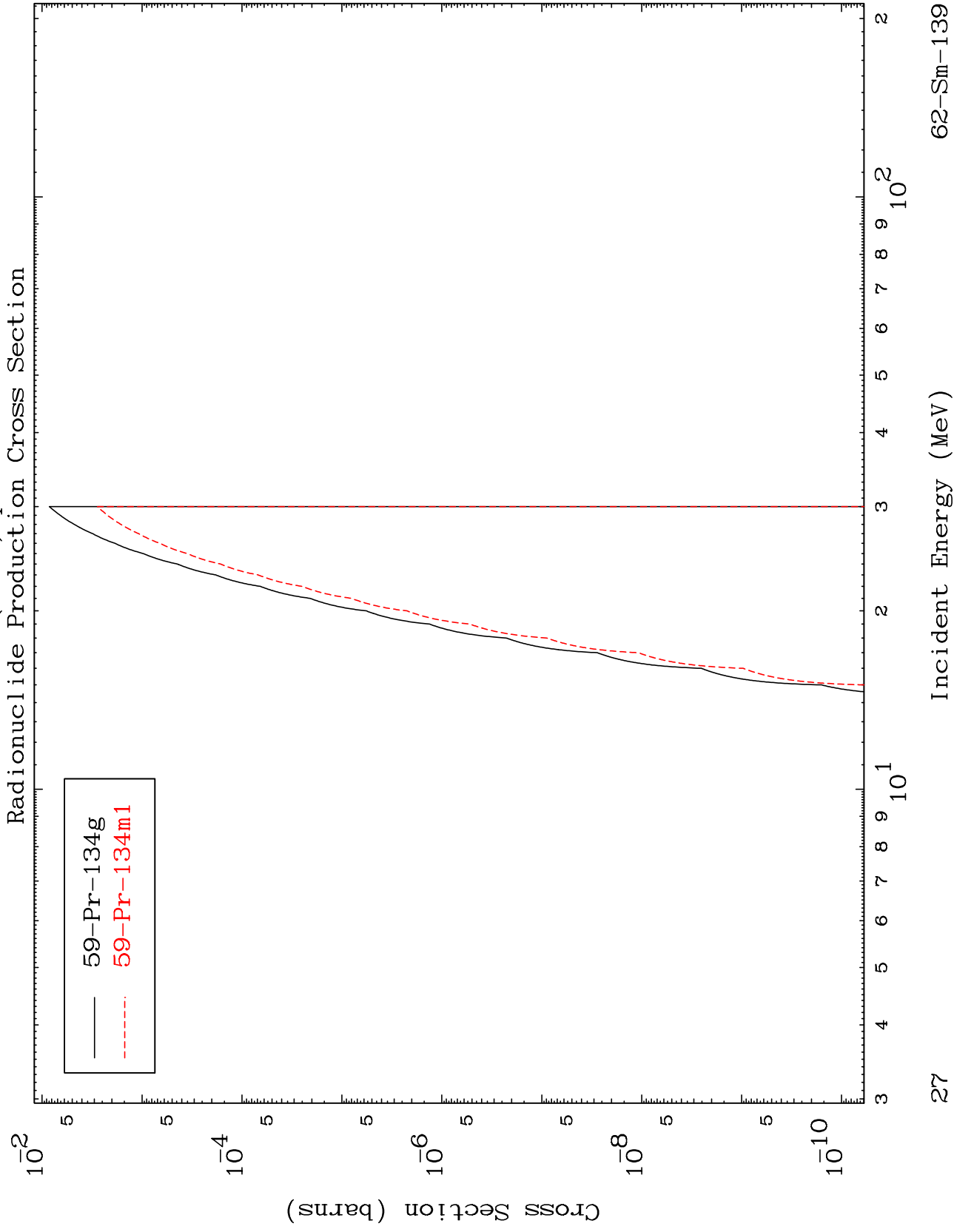
Incident Energy (MeV)

62-Sm-139

MAT 6211

(n,n') p α

62-Sm-139

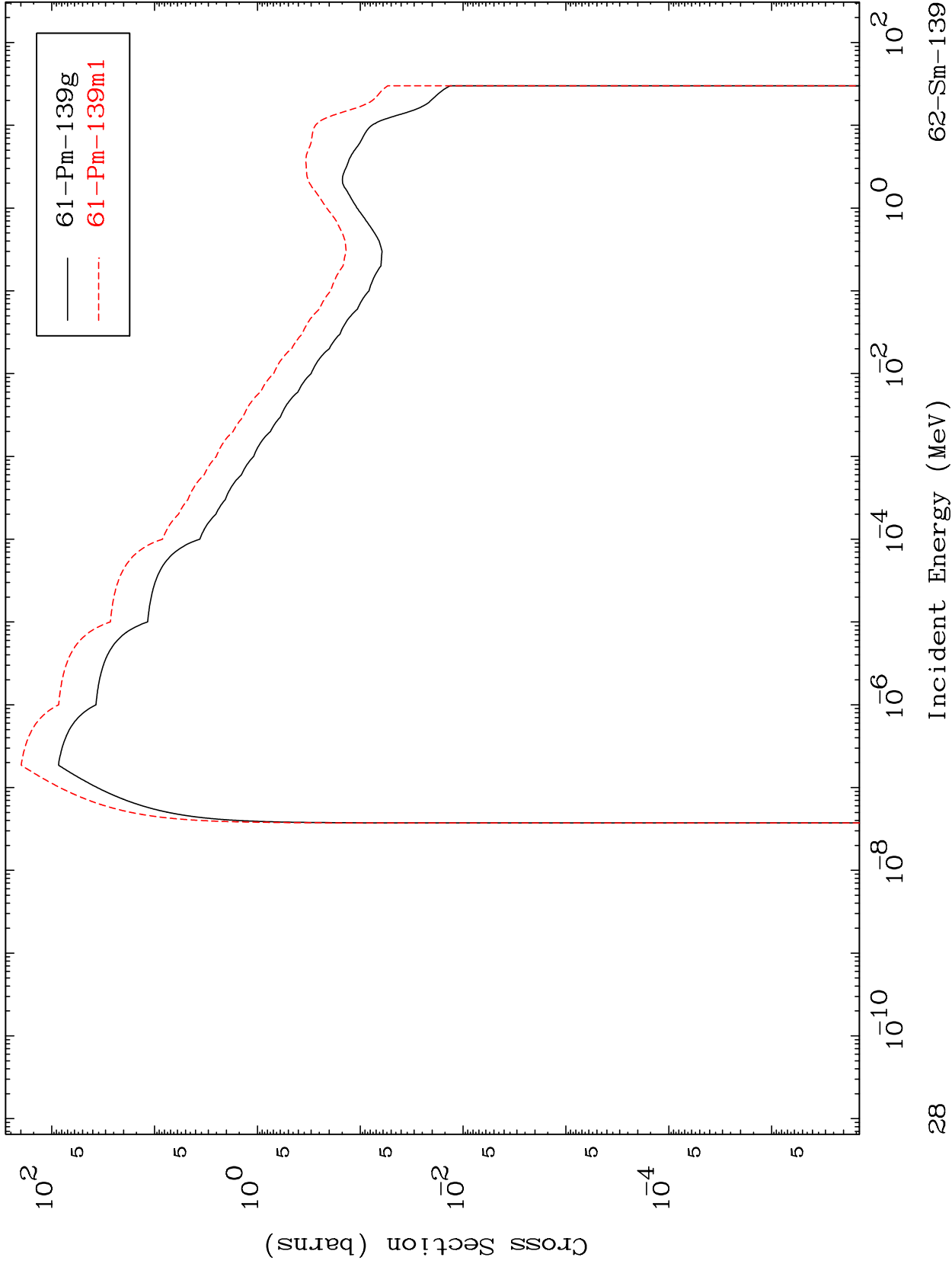


59-Pr-134g
59-Pr-134m1

MAT 6211

62-Sm-139

(n,p)
Radionuclide Production Cross Section



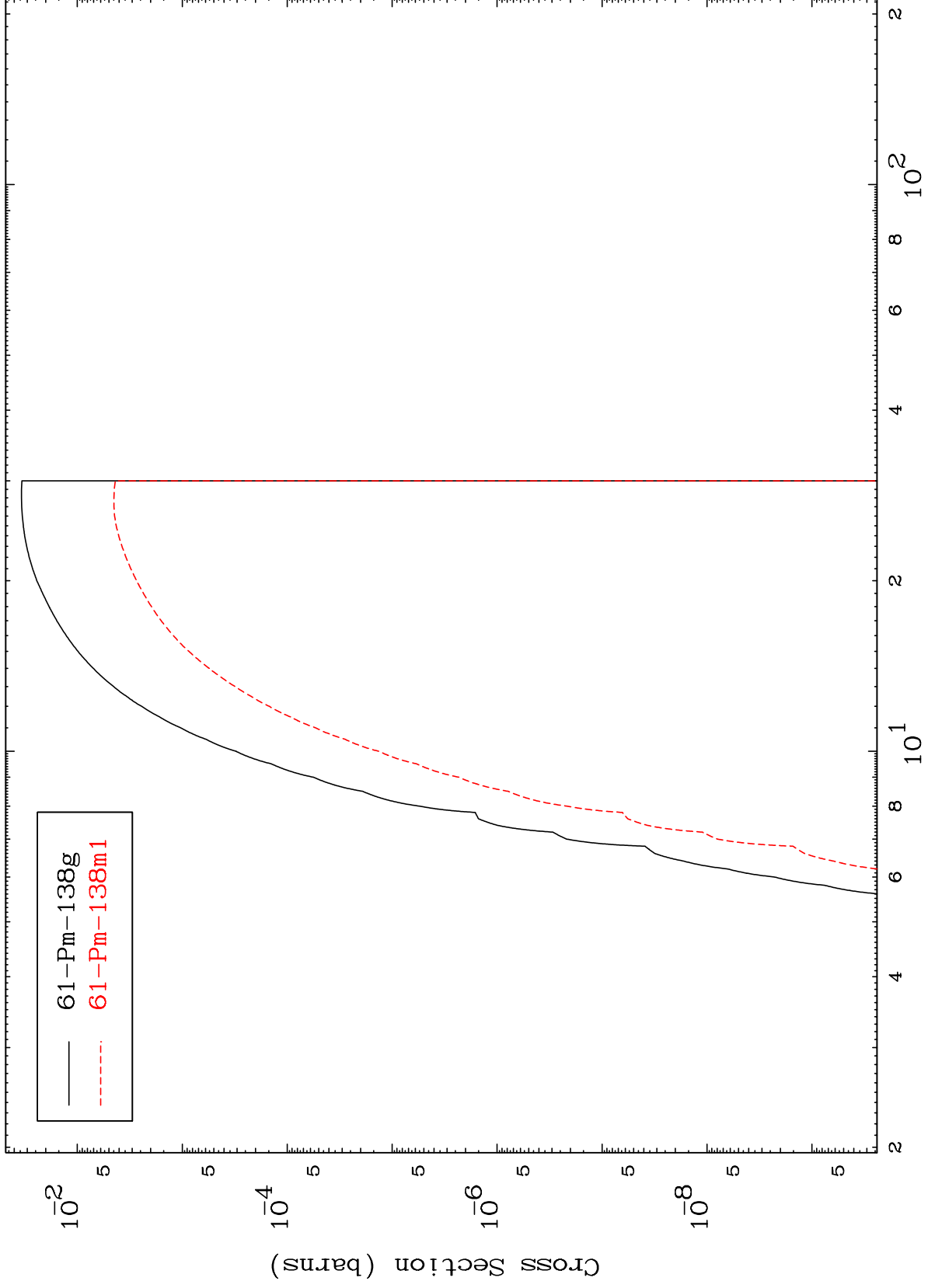
28

62-Sm-139

MAT 6211

62-Sm-139

(n,d)
Radionuclide Production Cross Section



29

62-Sm-139

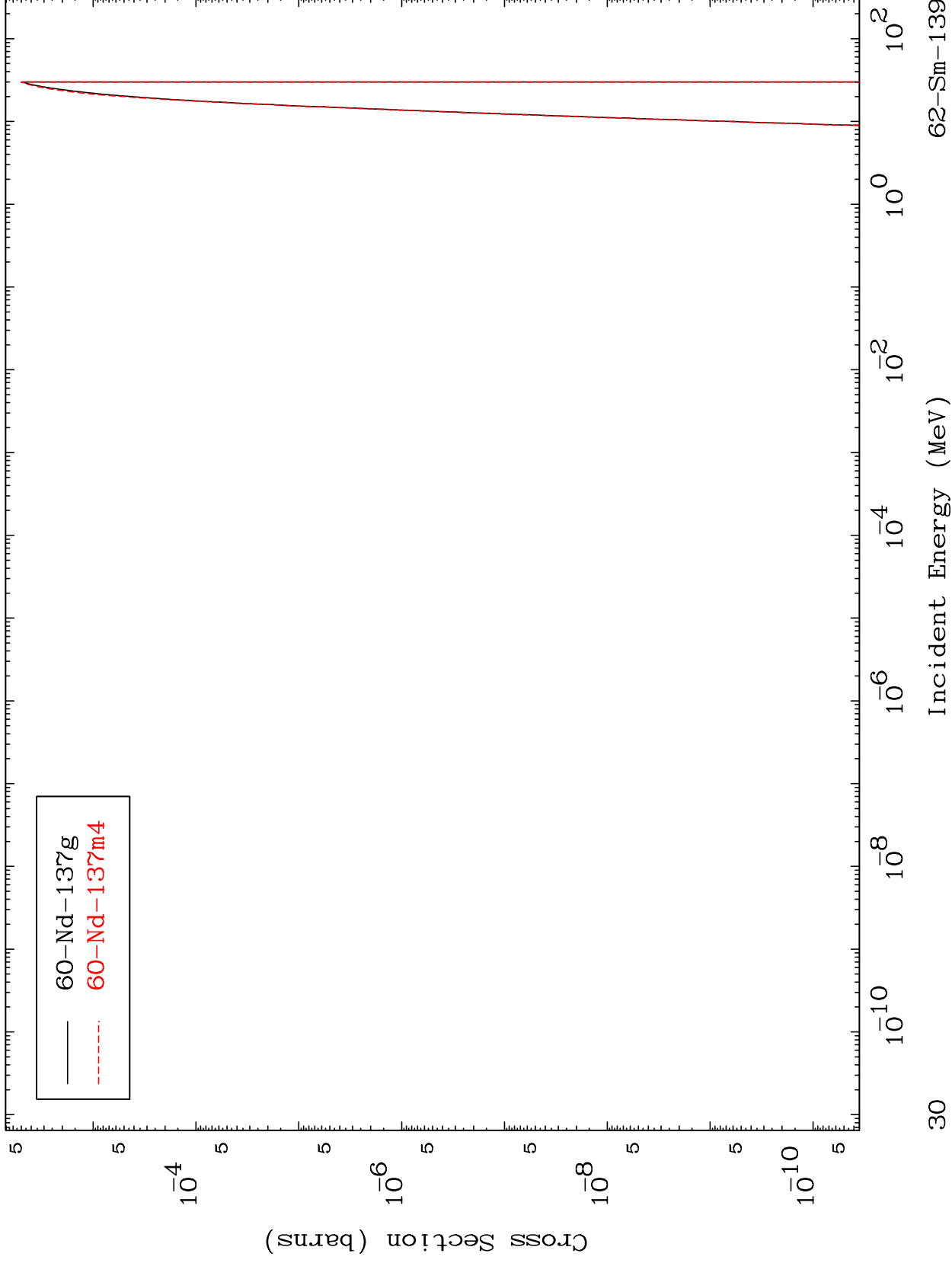
Incident Energy (MeV)

MAT 6211

(n,He-3)

62-Sm-139

Radionuclide Production Cross Section



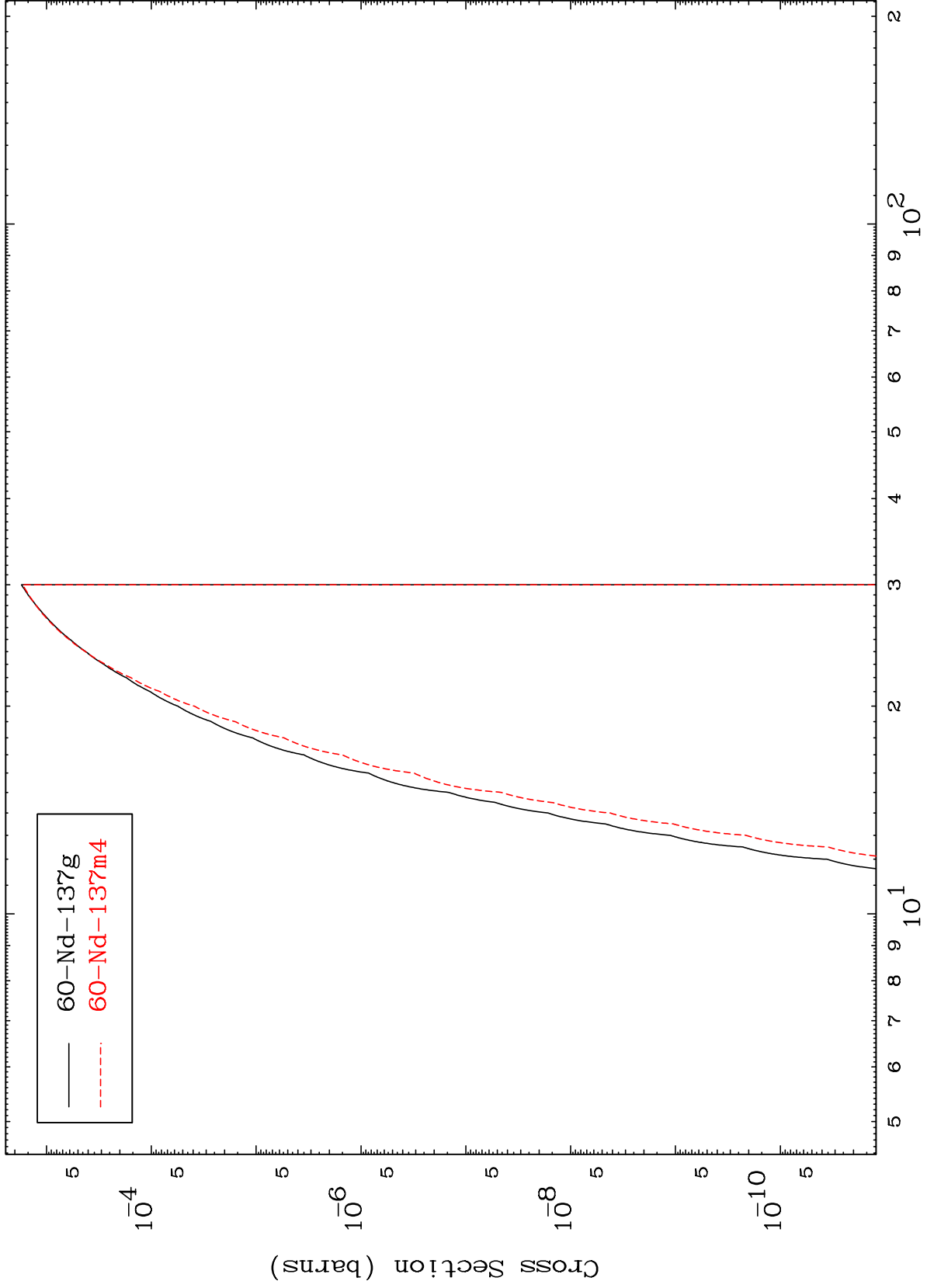
60-Nd-137g
60-Nd-137m4

MAT 6211

(n,p) d

⁶²Sm-139

Radionuclide Production Cross Section



31

Incident Energy (MeV)

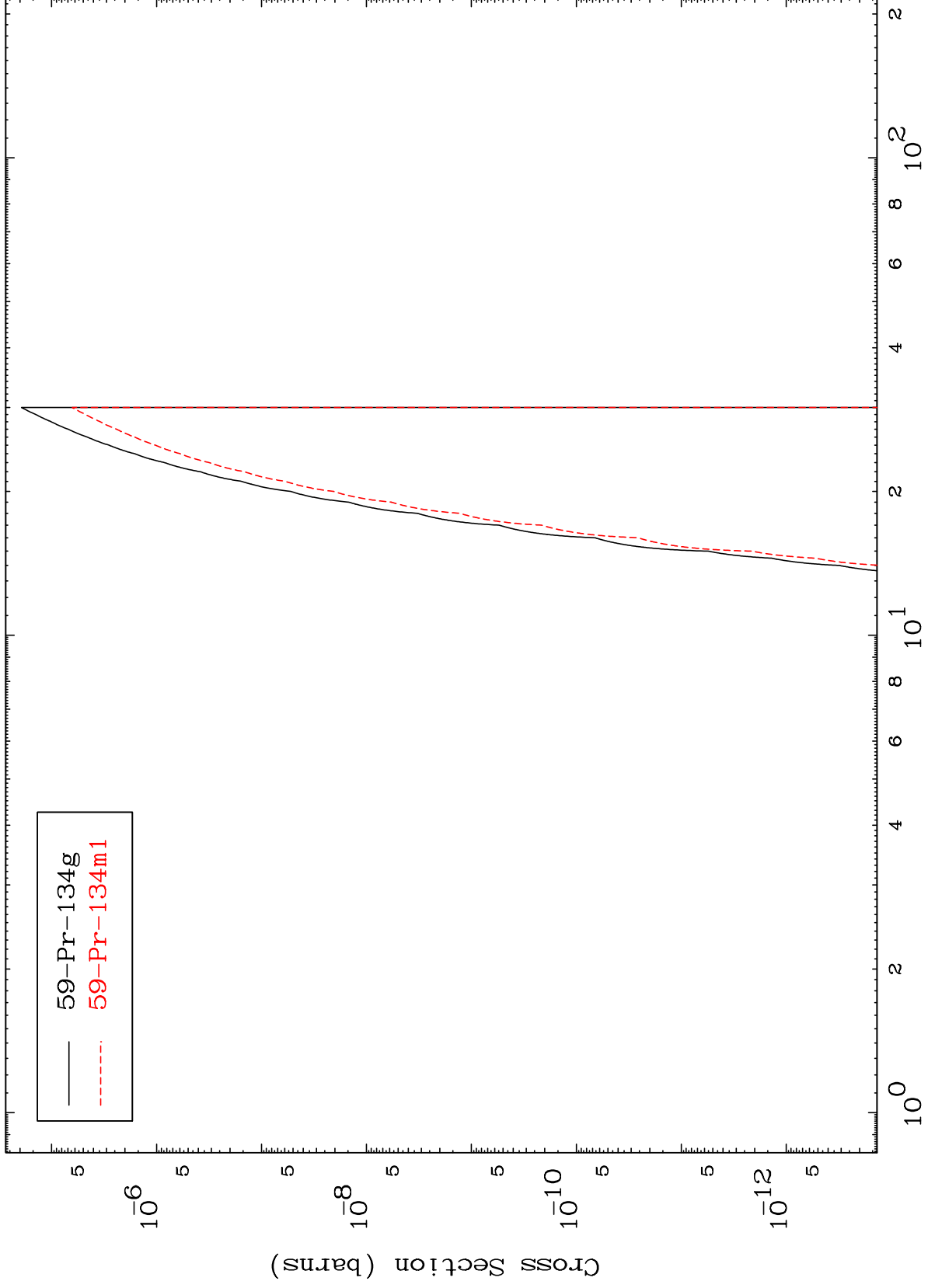
⁶²Sm-139

MAT 6211

(n,d) α

62-Sm-139

Radionuclide Production Cross Section



32

Incident Energy (MeV)

62-Sm-139