

Program EVALPLOT
(Version 2018-1)

by

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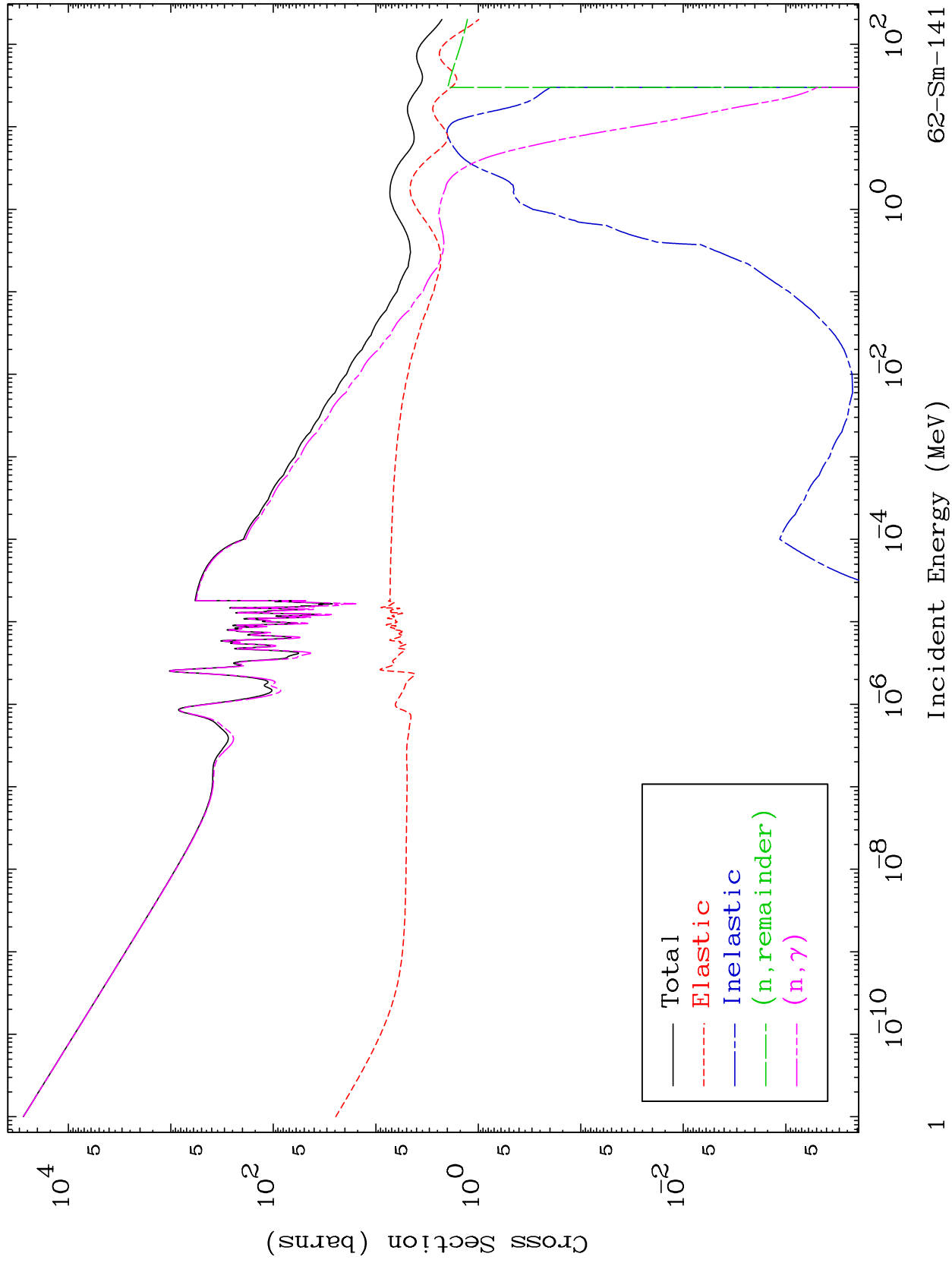
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6217

Major
293 Kelvin Cross Sections

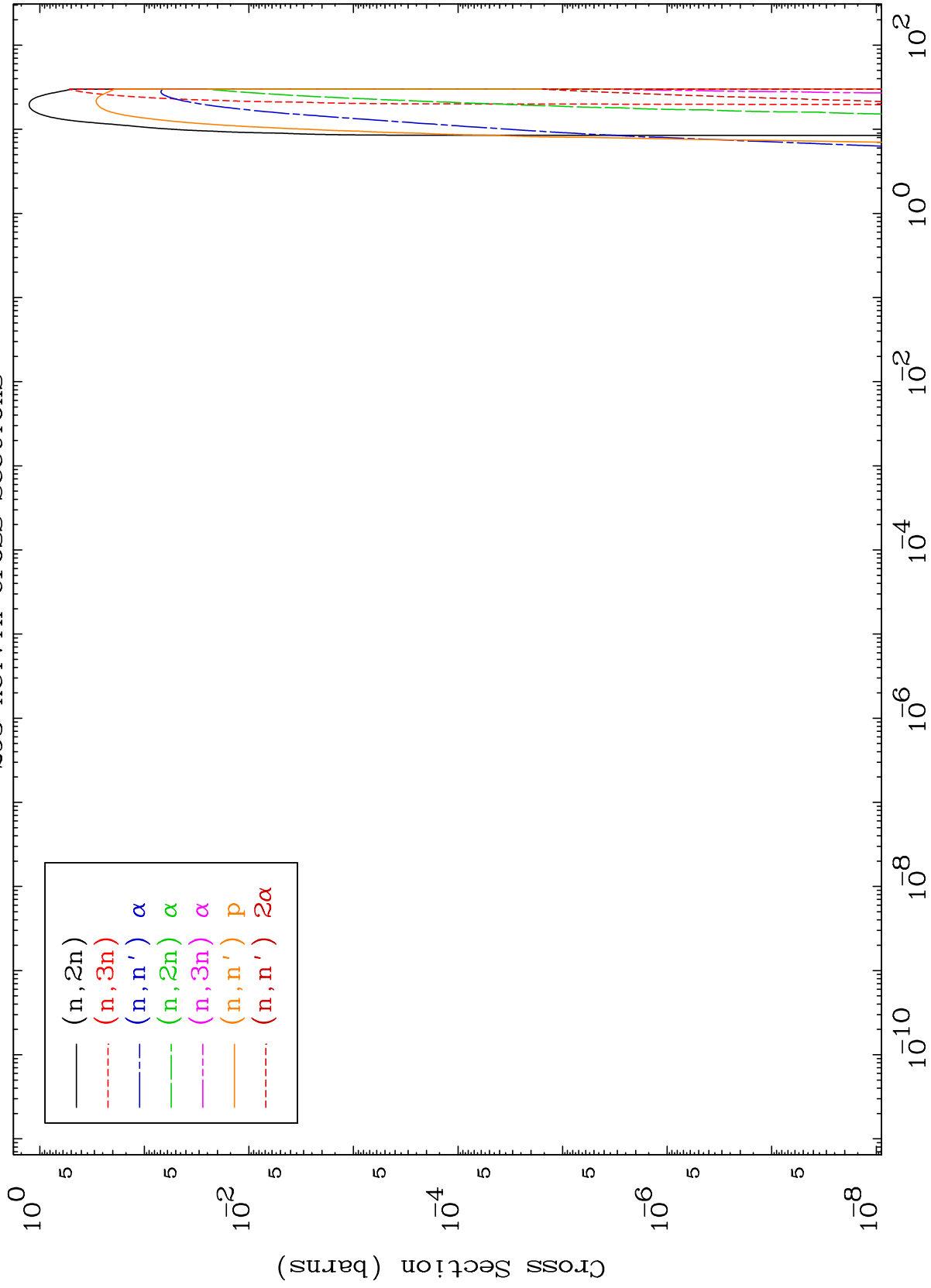
62-Sm-141



MAT 6217

Neutron Production
293 Kelvin Cross Sections

62-Sm-141



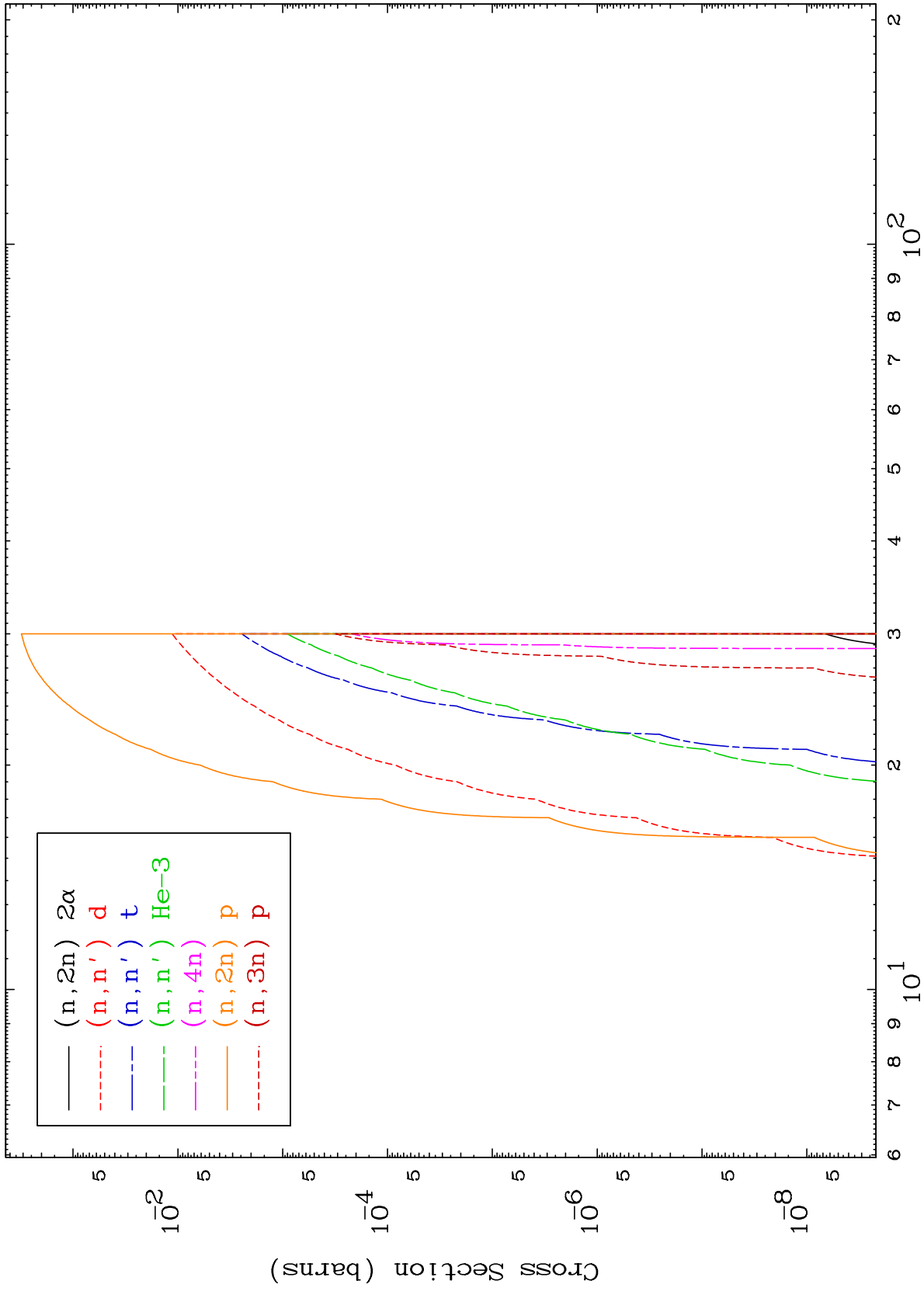
2

62-Sm-141

MAT 6217

Neutron Production
293 Kelvin Cross Sections

62-Sm-141



3

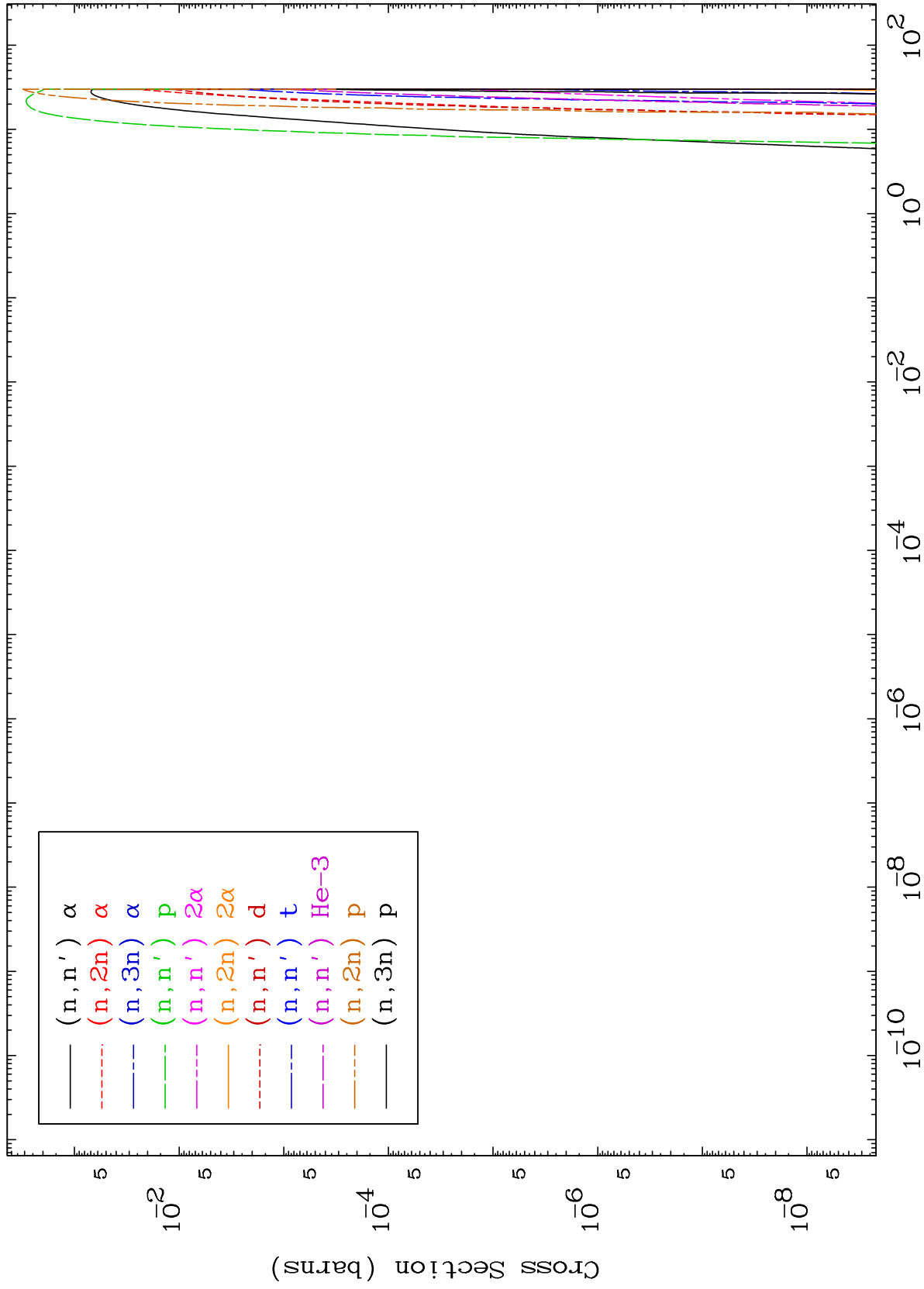
Incident Energy (MeV)

62-Sm-141

MAT 6217

Charged Particle
293 Kelvin Cross Sections

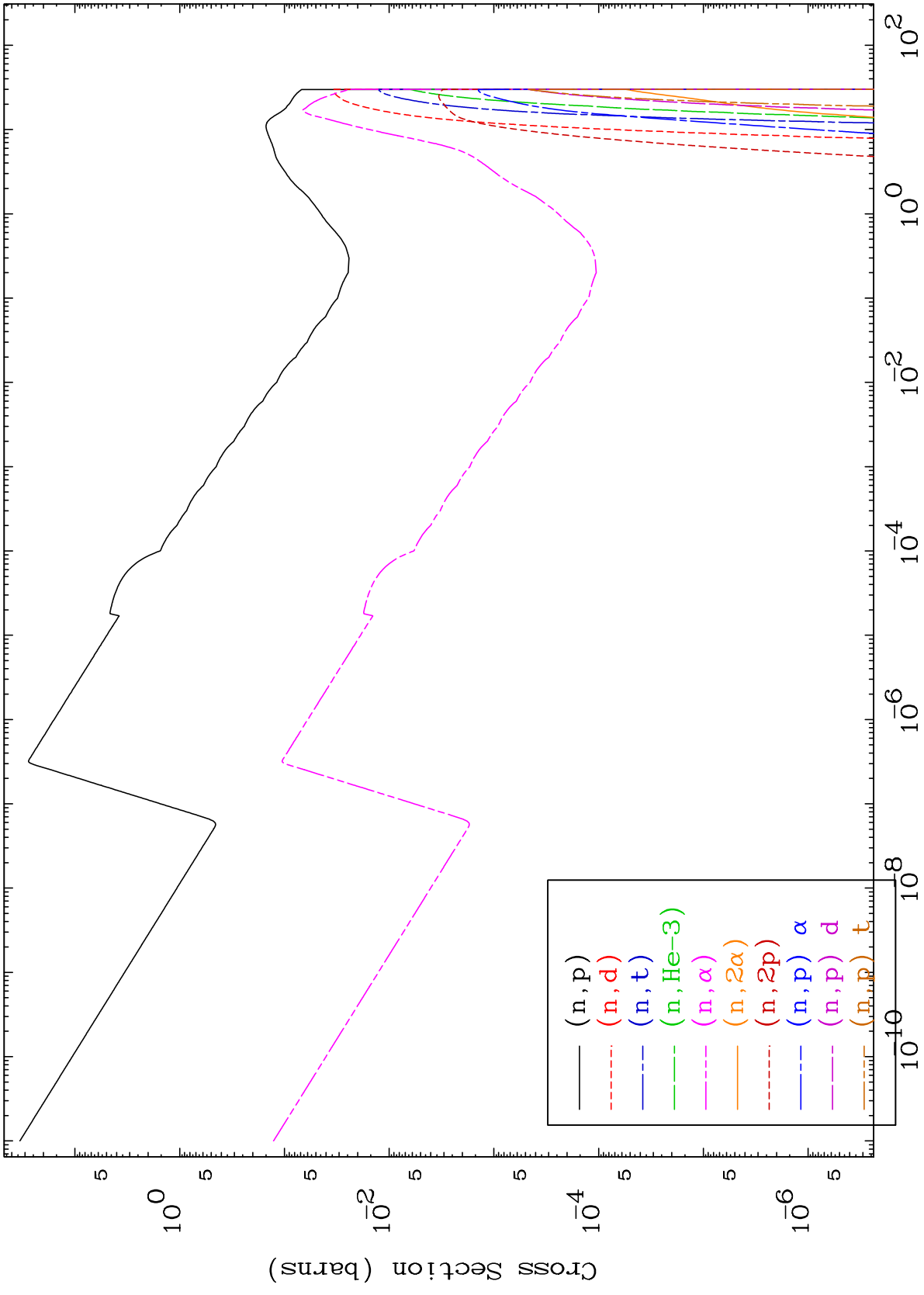
62-Sm-141



MAT 6217

Charged Particle
293 Kelvin Cross Sections

62-Sm-141

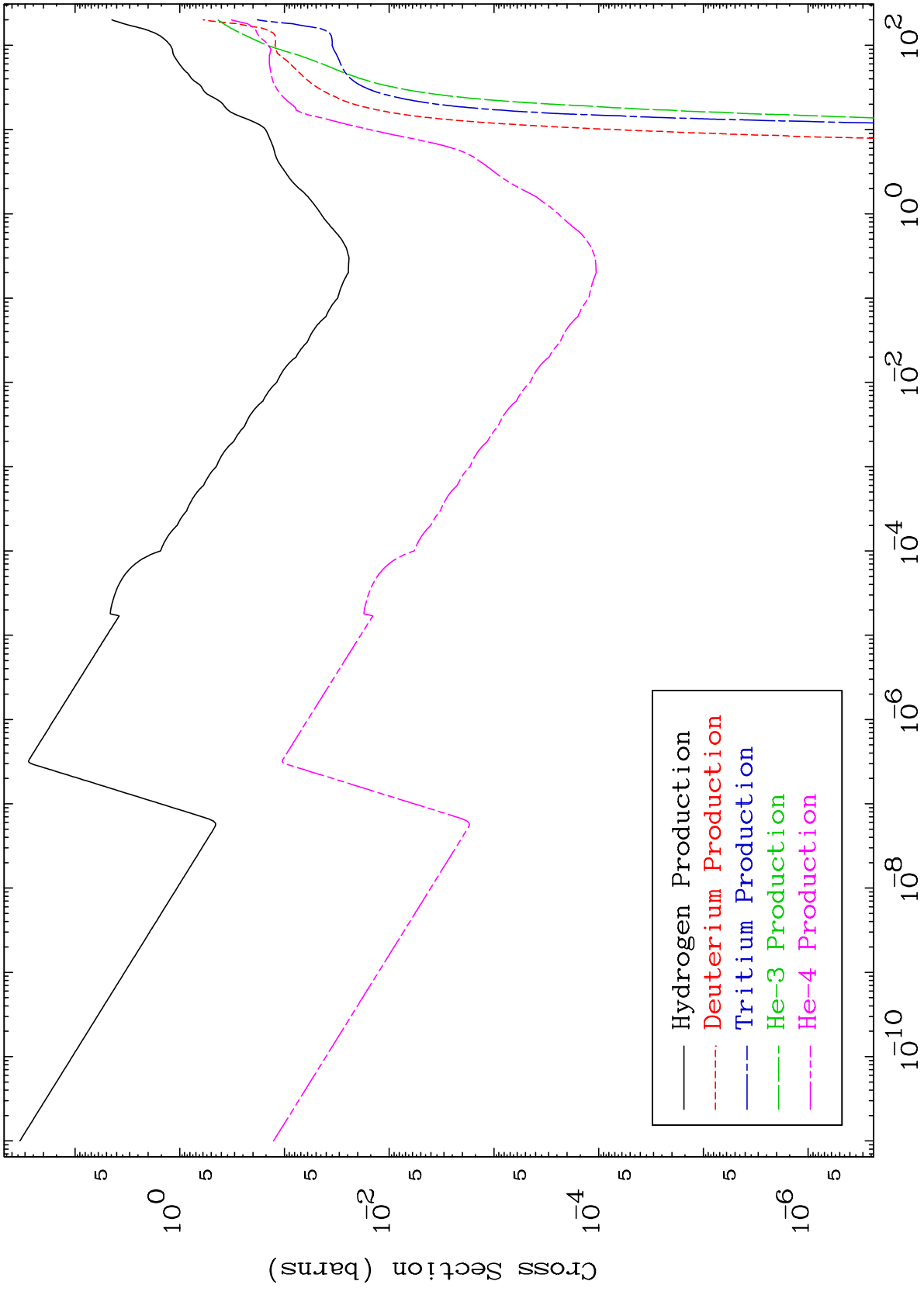


62-Sm-141

MAT 6217

Particle Production
293 Kelvin Cross Sections

62-Sm-141

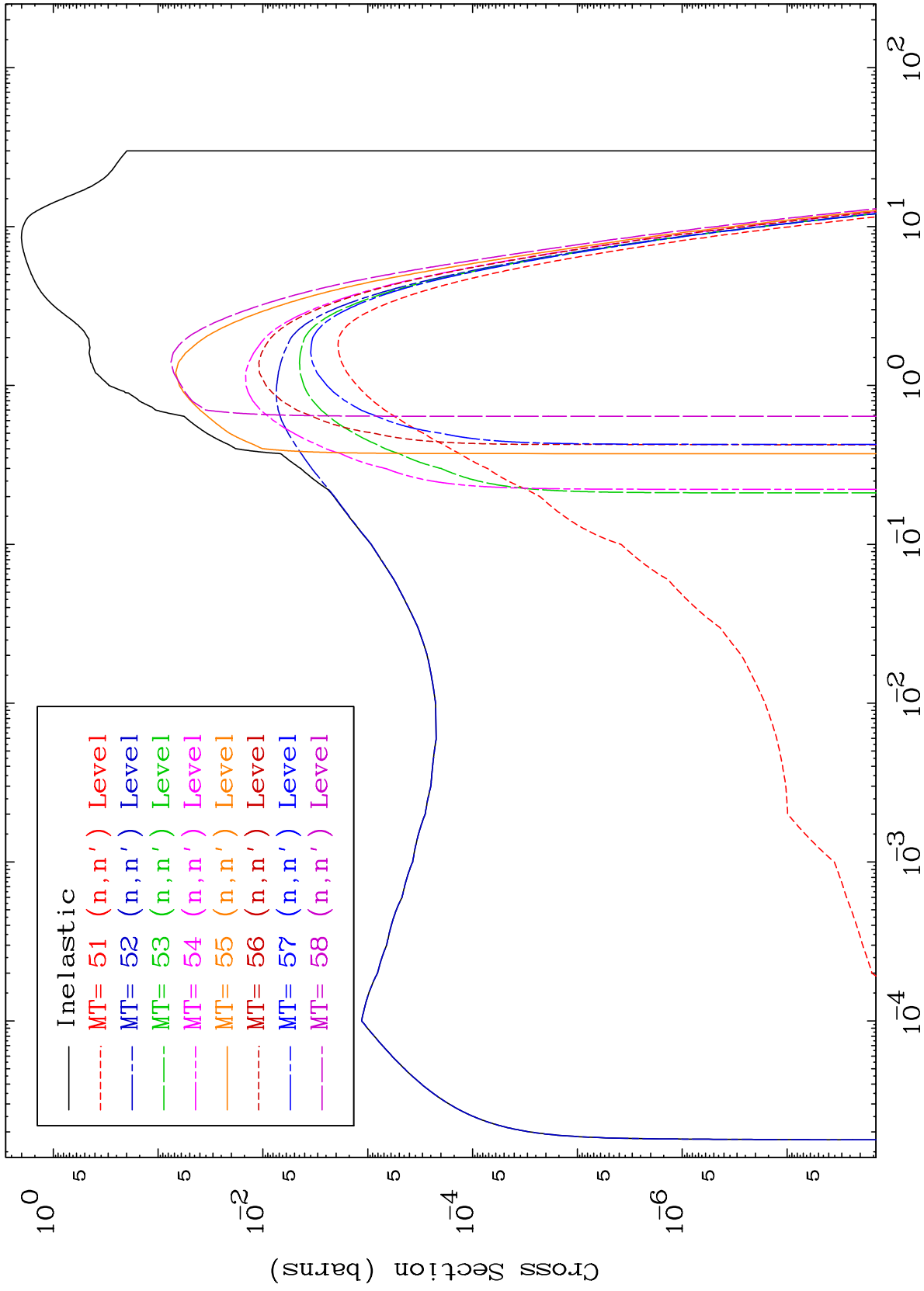


62-Sm-141

MAT 6217

293 Kelvin Cross Sections

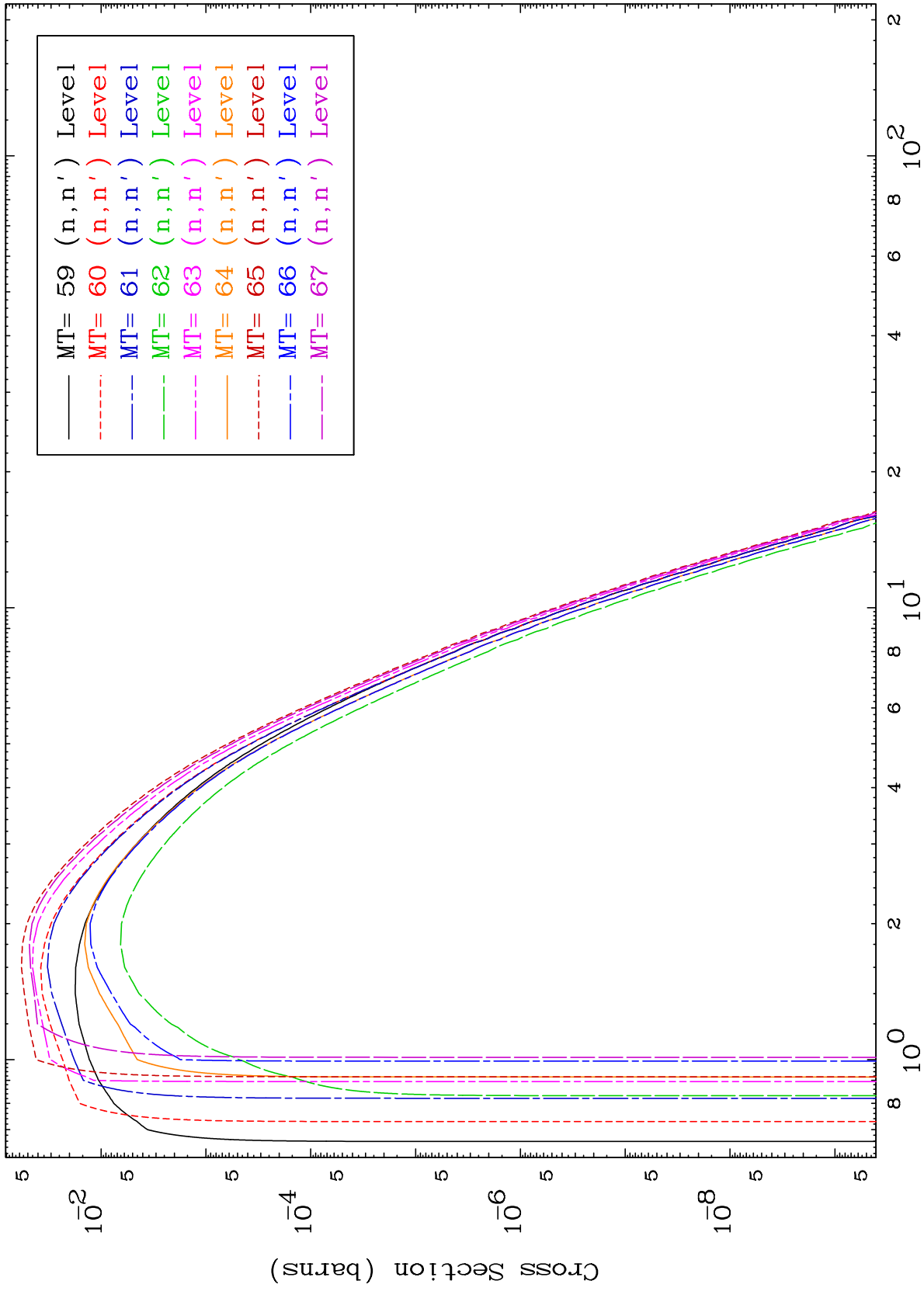
62-Sm-141



MAT 6217

(n,n') Level
293 Kelvin Cross Sections

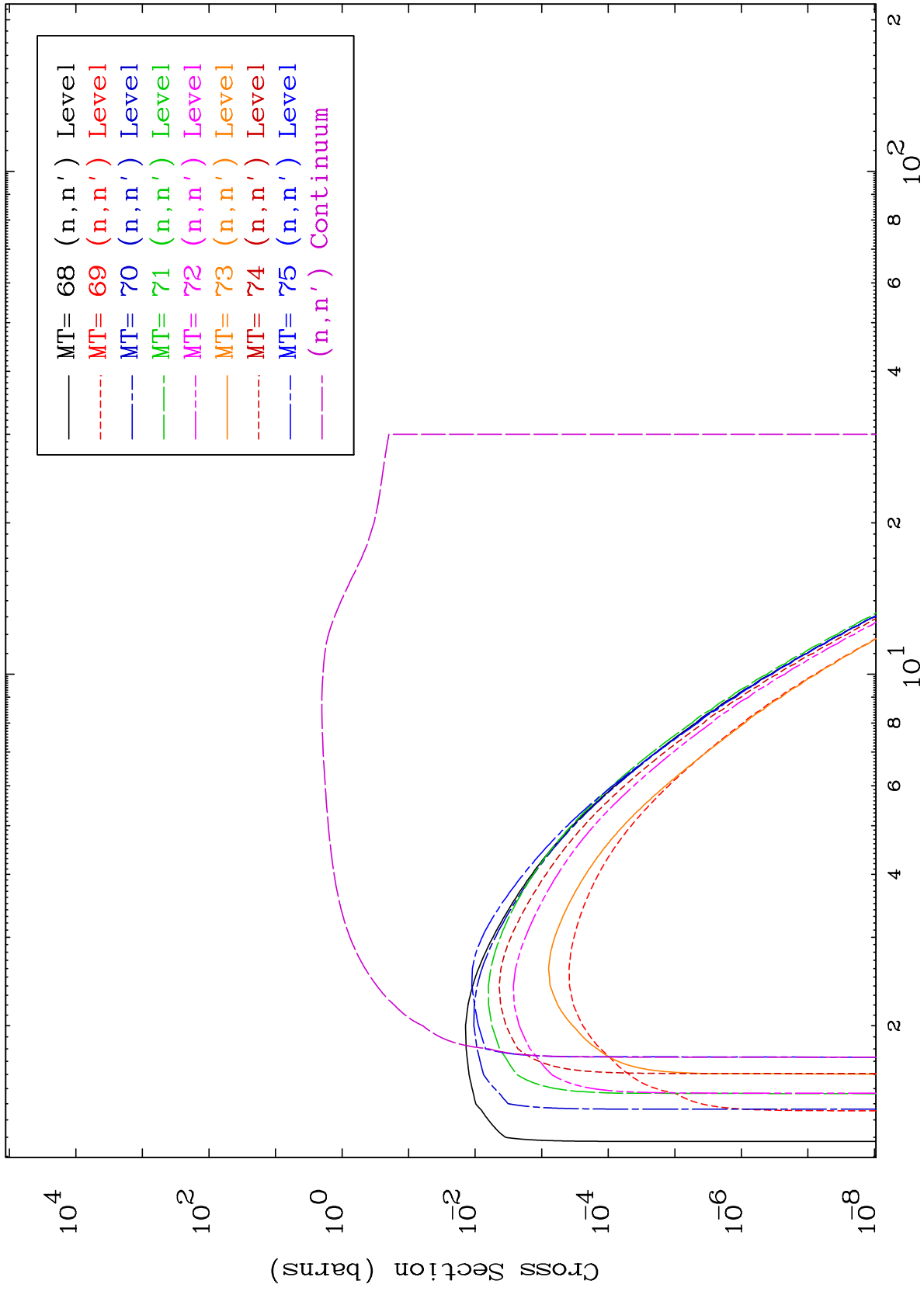
62-Sm-141



8

Incident Energy (MeV)

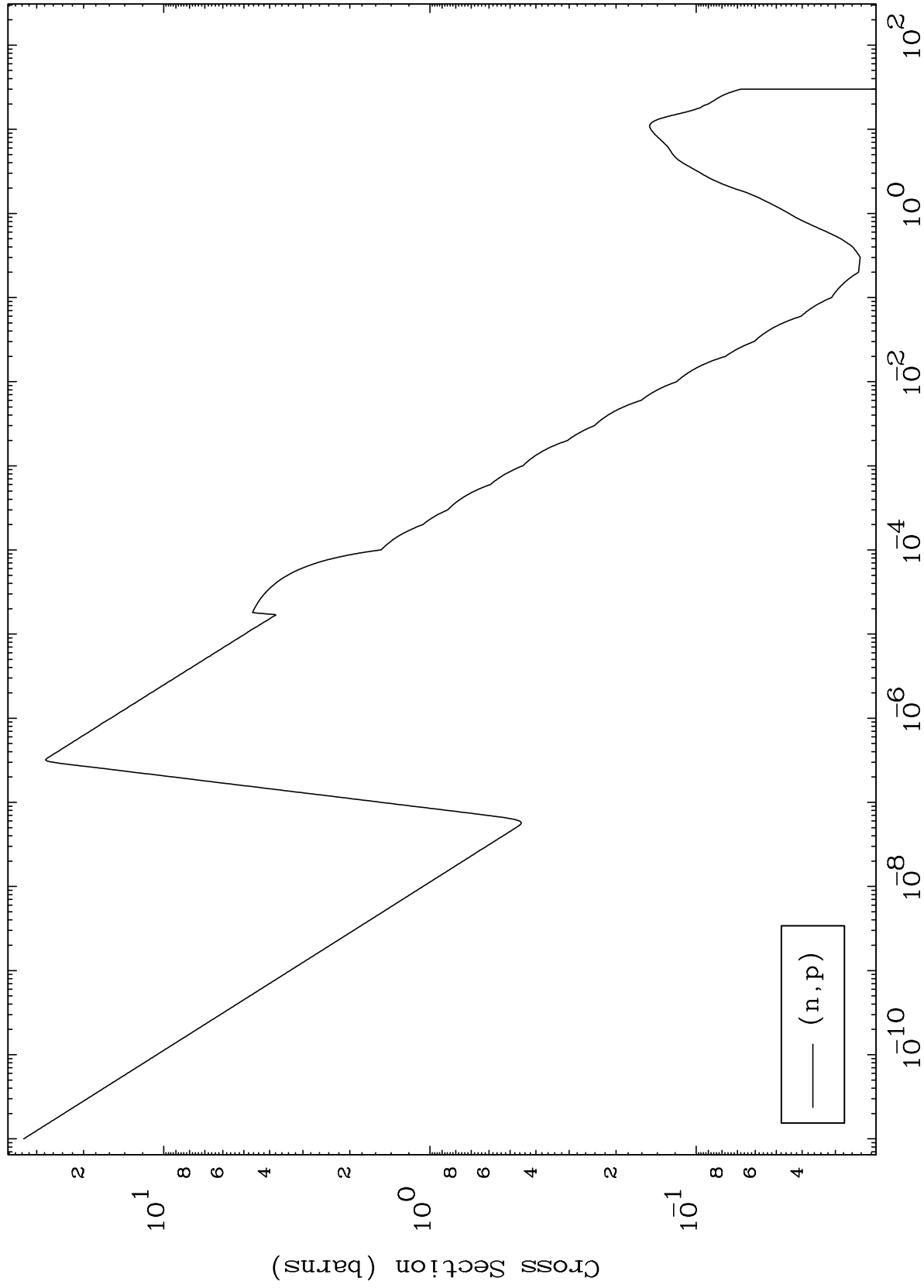
62-Sm-141



MAT 6217

(n,p) Levels
293 Kelvin Cross Sections

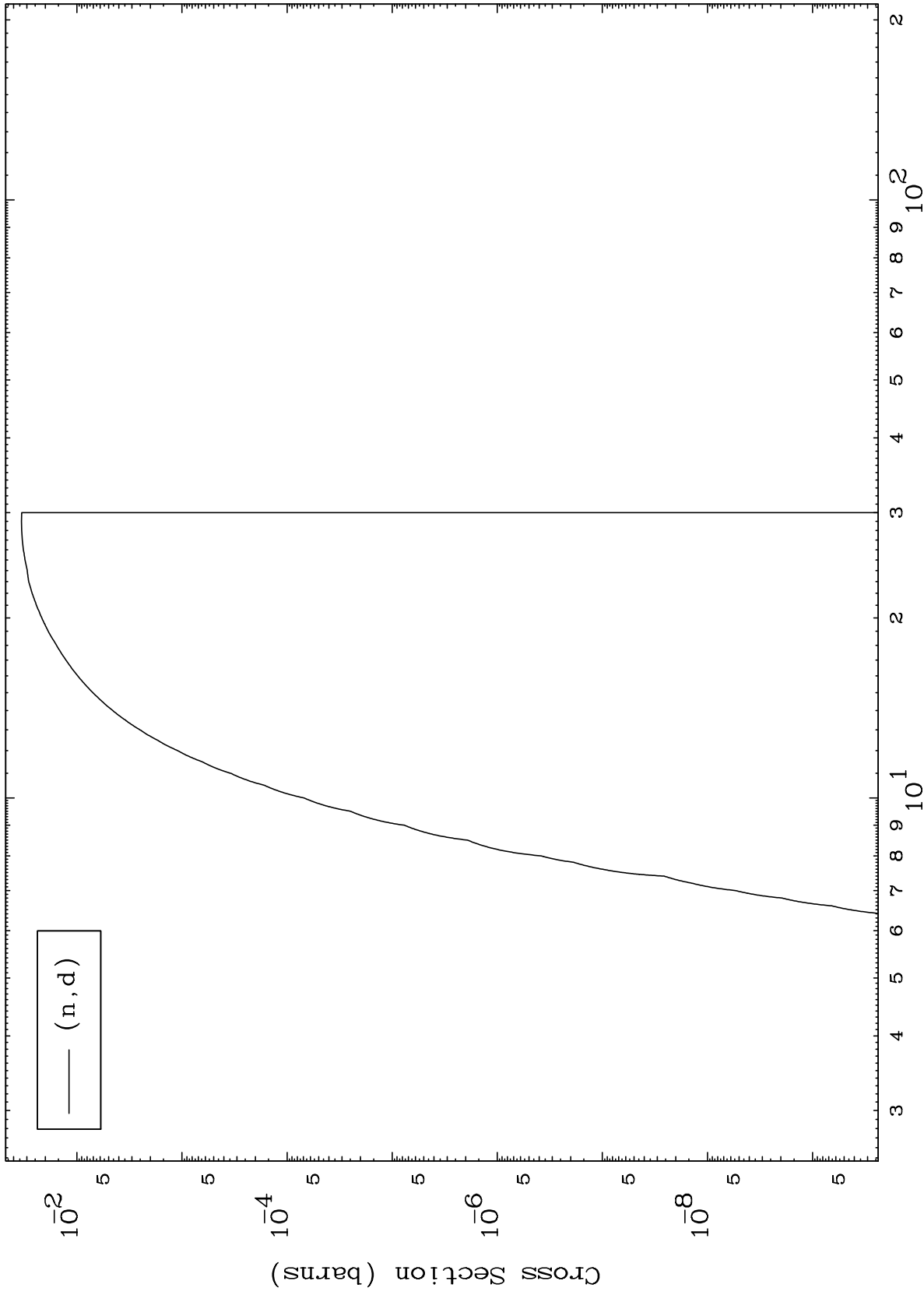
62-Sm-141



MAT 6217

(n,d) Levels
293 Kelvin Cross Sections

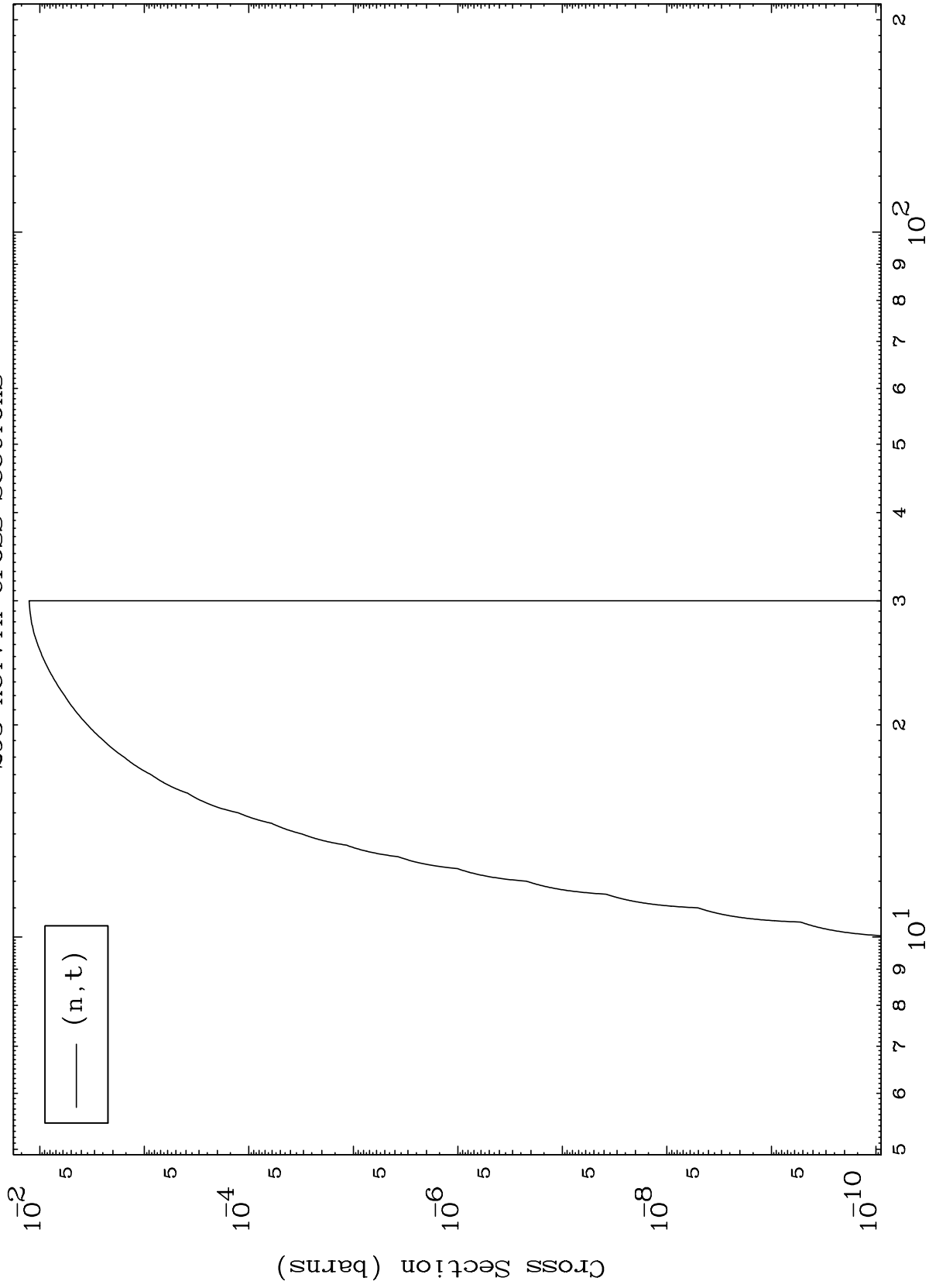
62-Sm-141



MAT 6217

62-Sm-141

(n,t) Levels
293 Kelvin Cross Sections



12

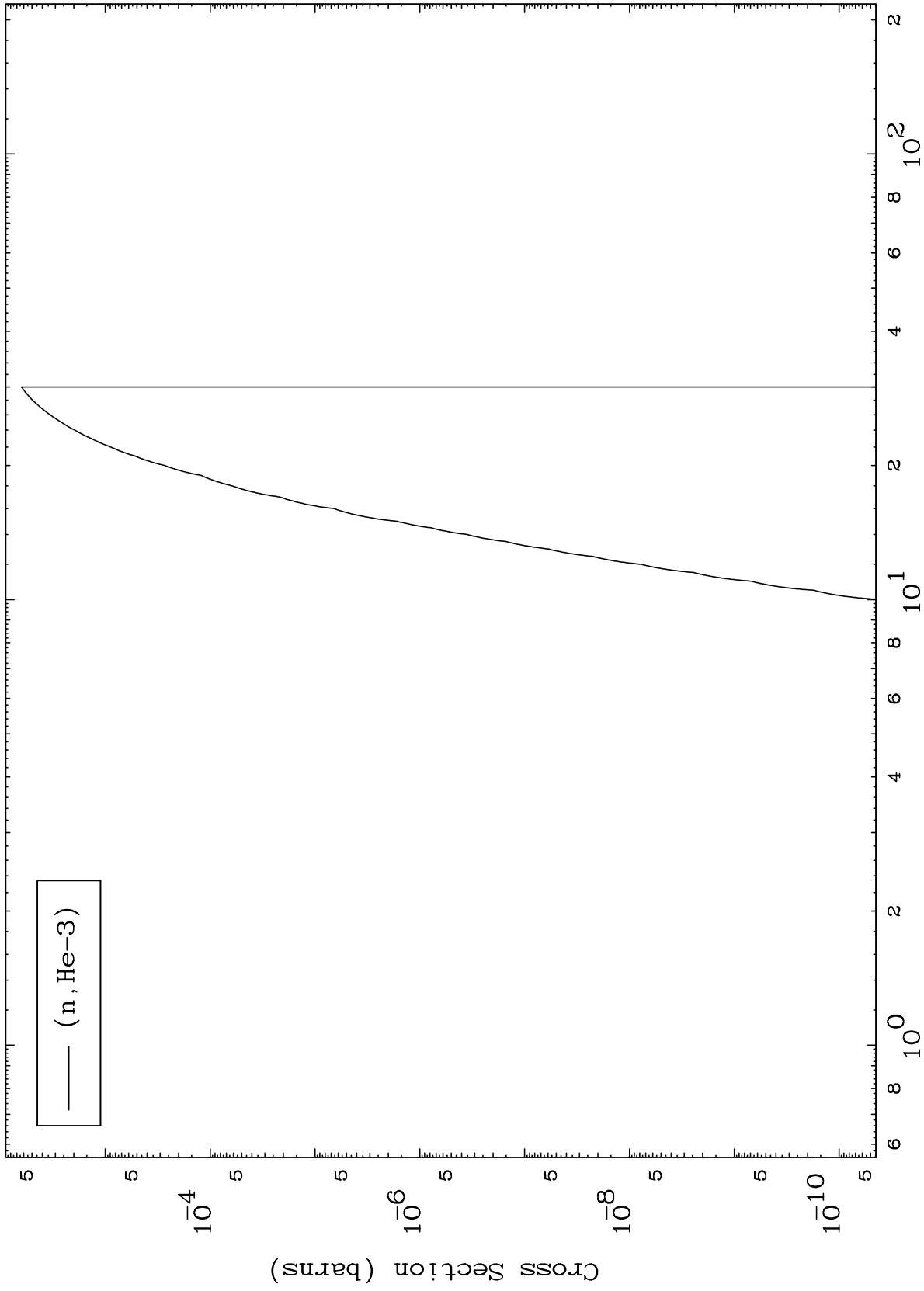
Incident Energy (MeV)

62-Sm-141

MAT 6217

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-141



(n, He-3)

13

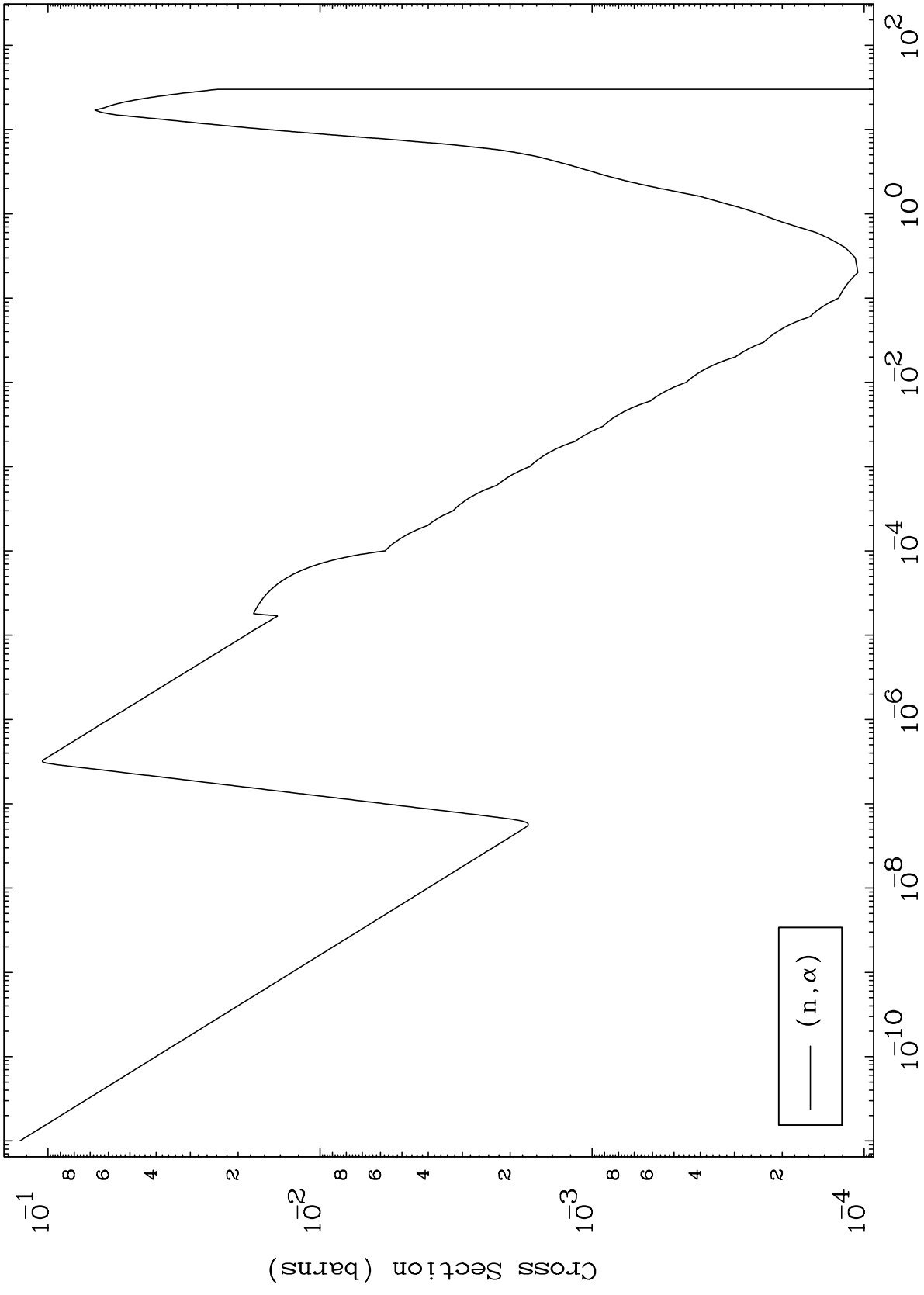
Incident Energy (MeV)

62-Sm-141

MAT 6217

(n,α) Levels
293 Kelvin Cross Sections

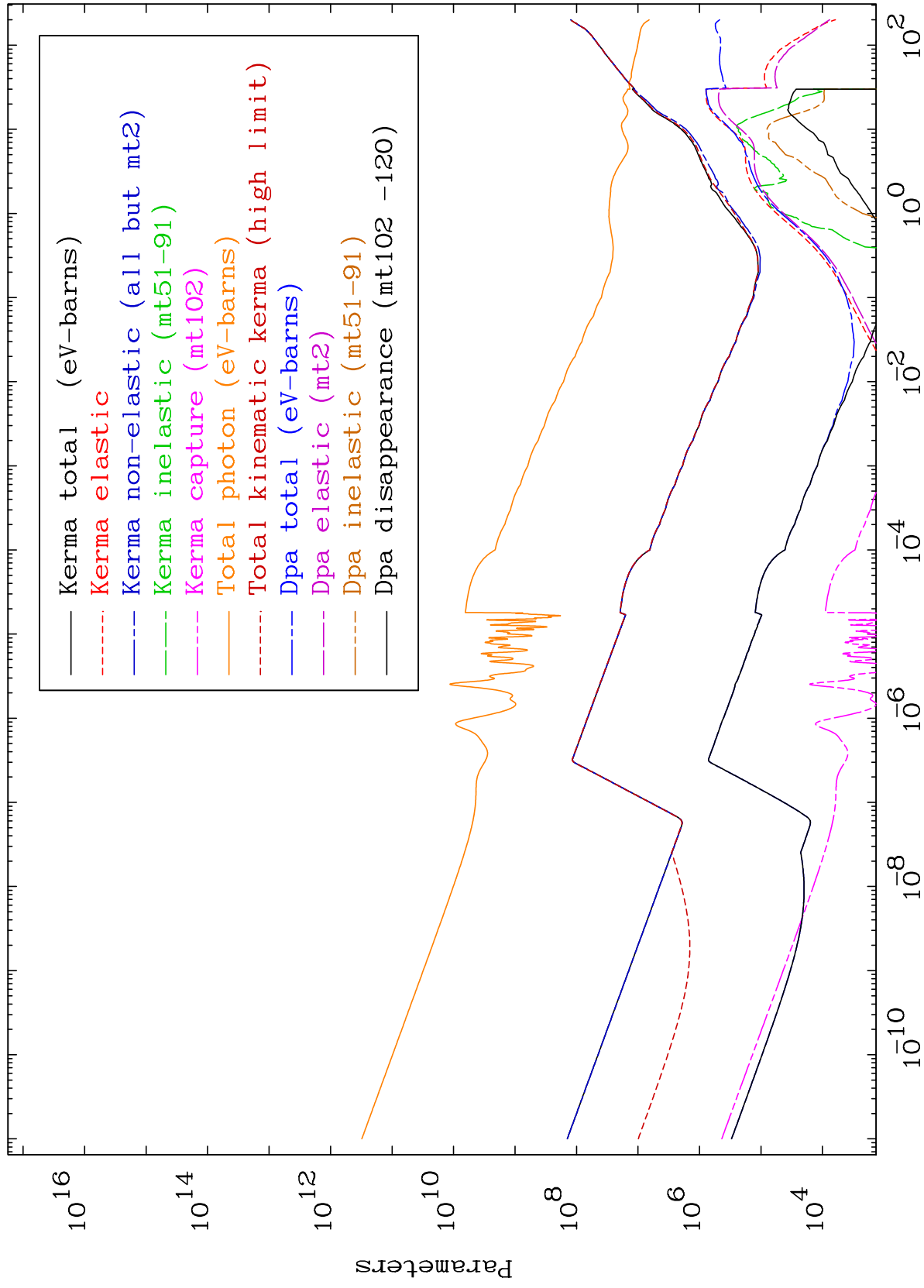
62-Sm-141



14

Incident Energy (MeV)

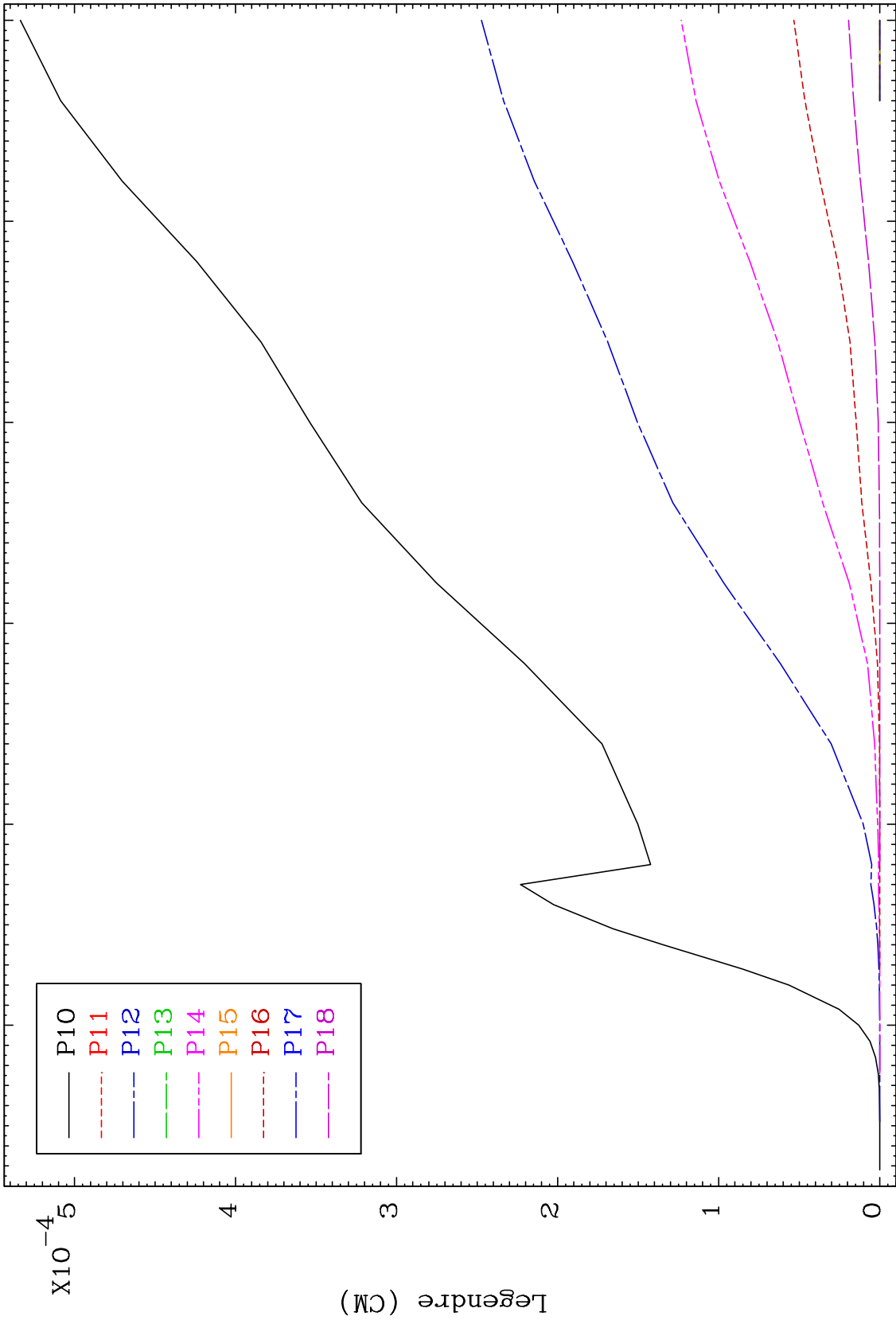
62-Sm-141



MAT 6217

Elastic Legendre Coefficients

62-Sm-141



17

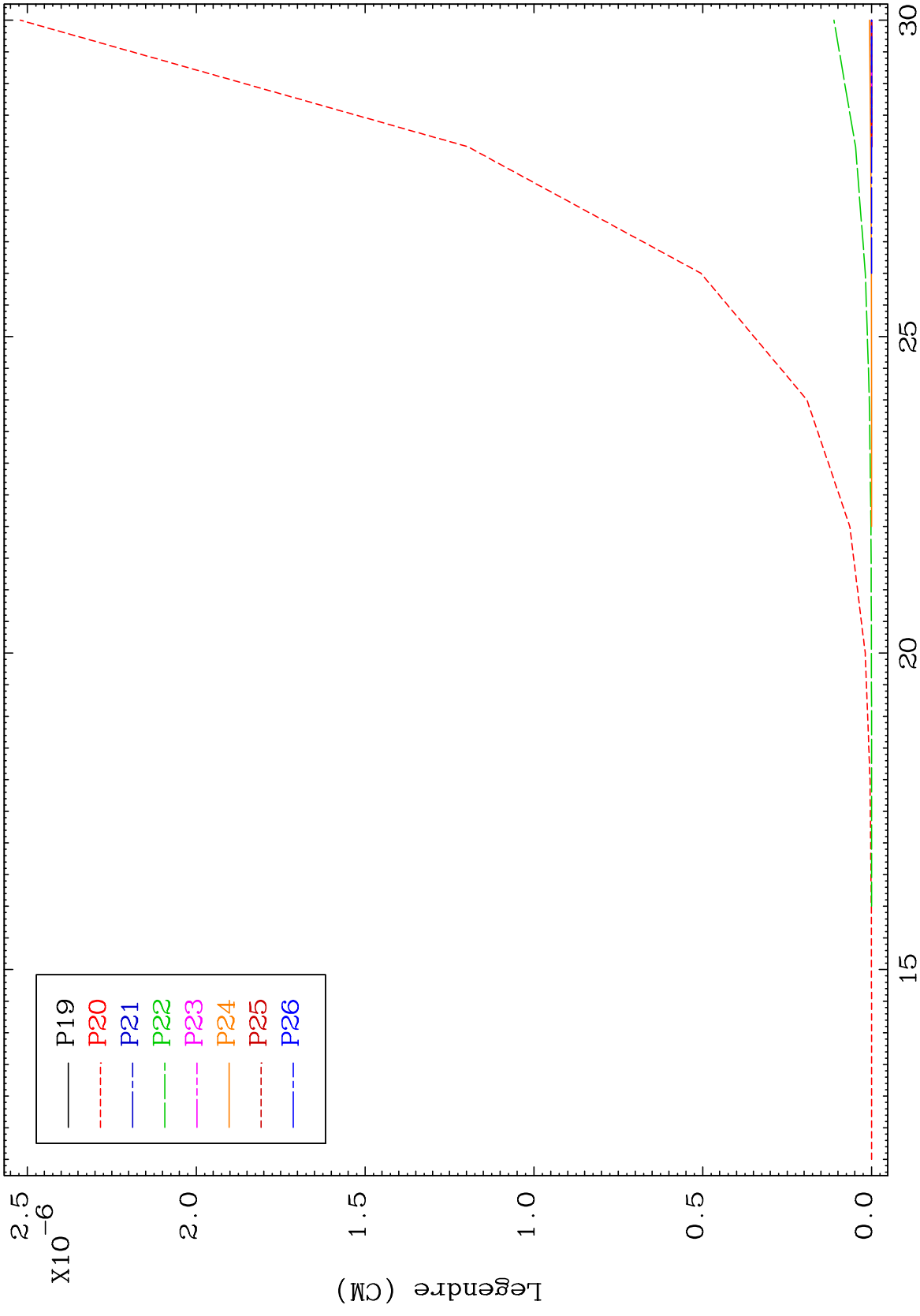
Incident Energy (MeV)

62-Sm-141

MAT 6217

Elastic Legendre Coefficients

62-Sm-141



18

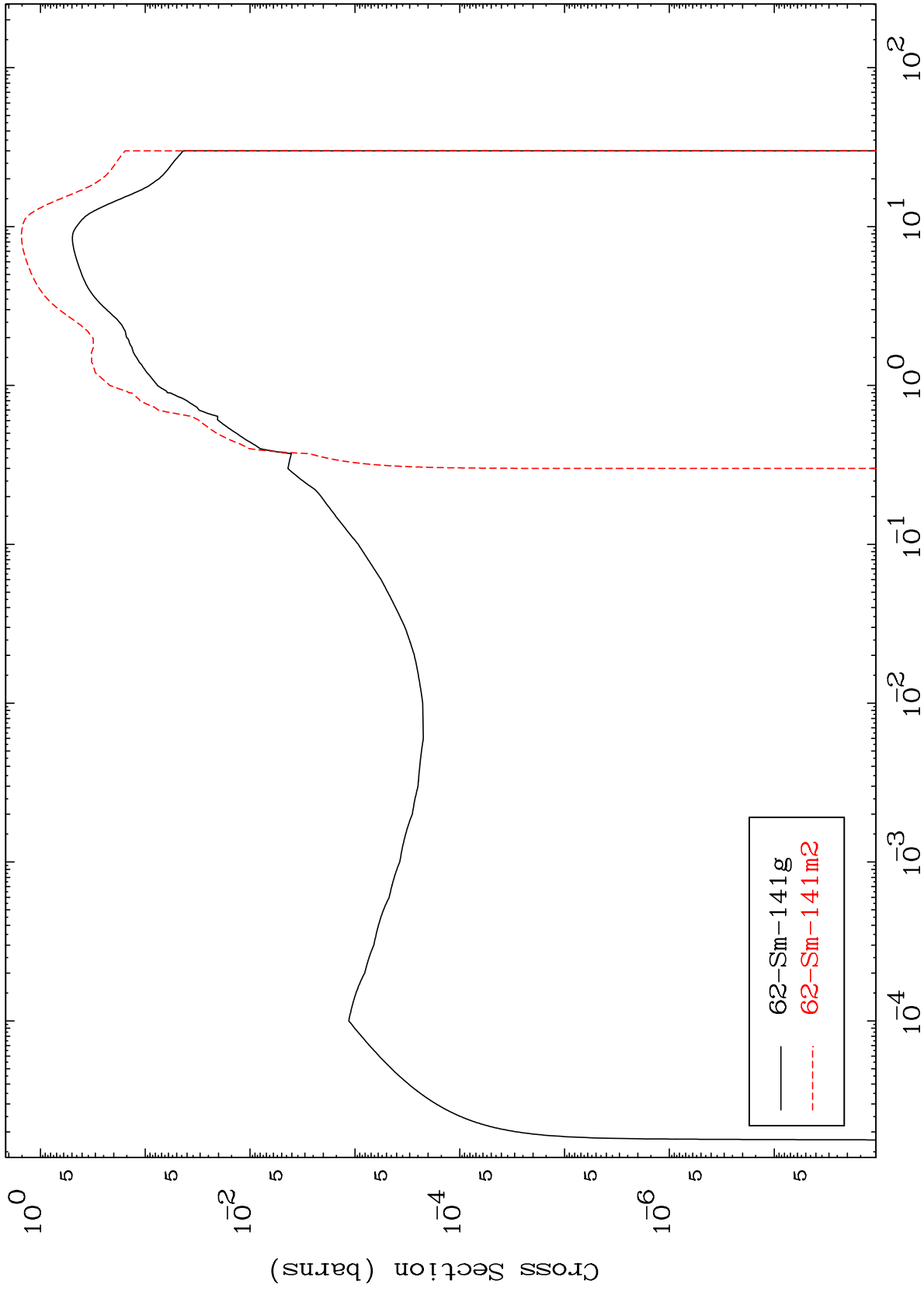
Incident Energy (MeV)

62-Sm-141

MAT 6217

62-Sm-141

Inelastic
Radionuclide Production Cross Section

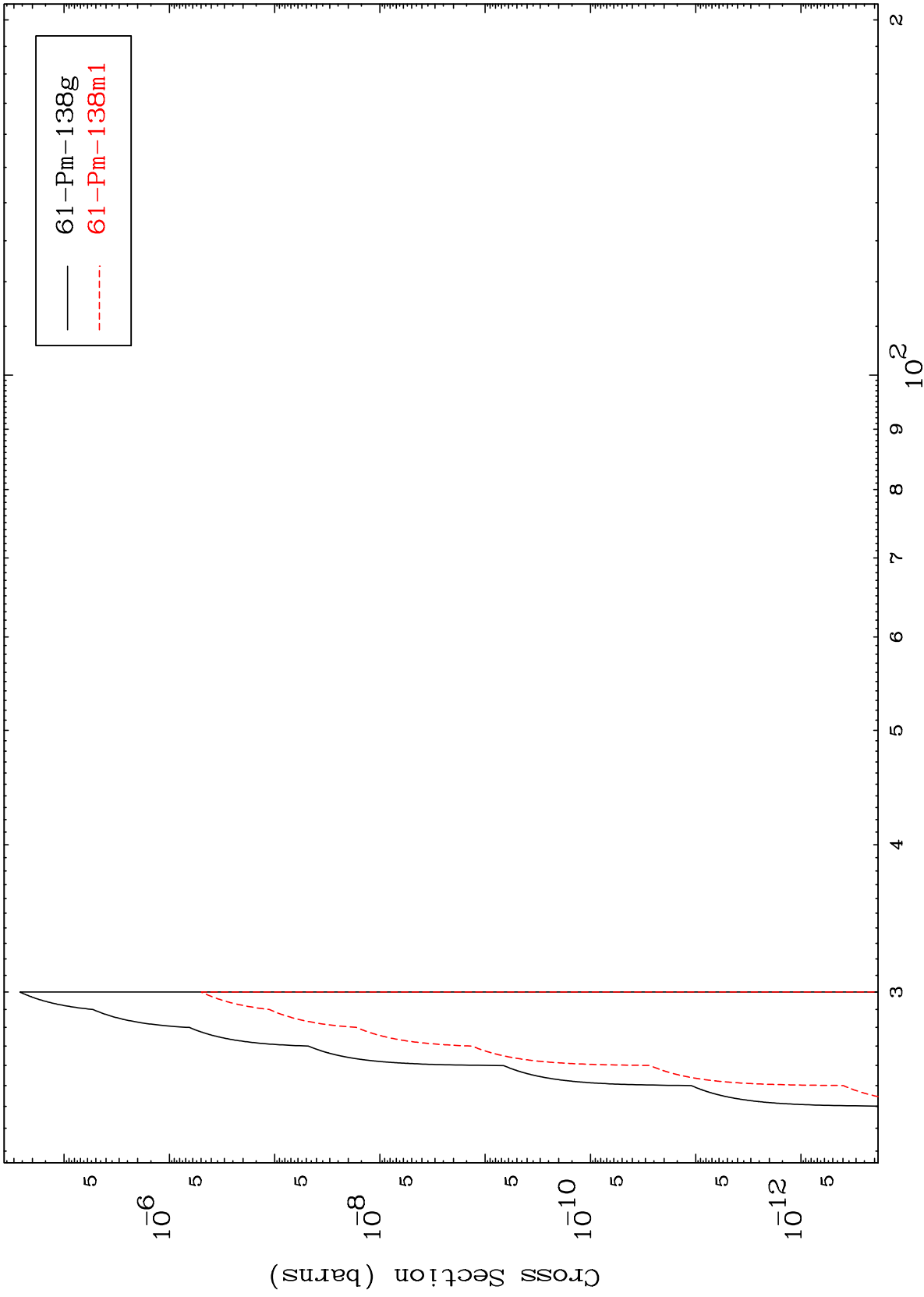


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(n,2n) d

62-Sm-141

Radionuclide Production Cross Section



20

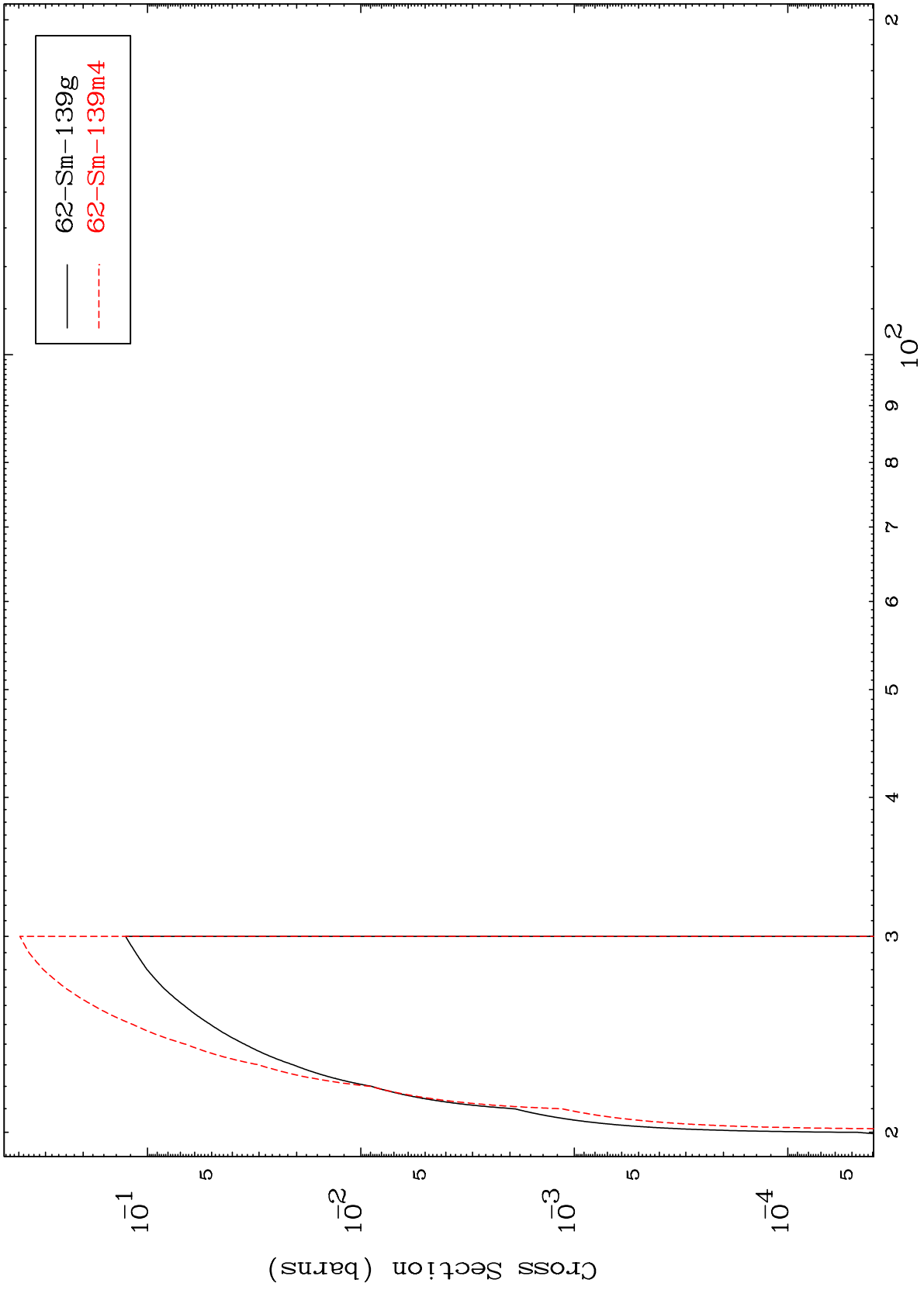
Incident Energy (MeV)

62-Sm-141

MAT 6217

62-Sm-141

(n,3n)
Radionuclide Production Cross Section



21

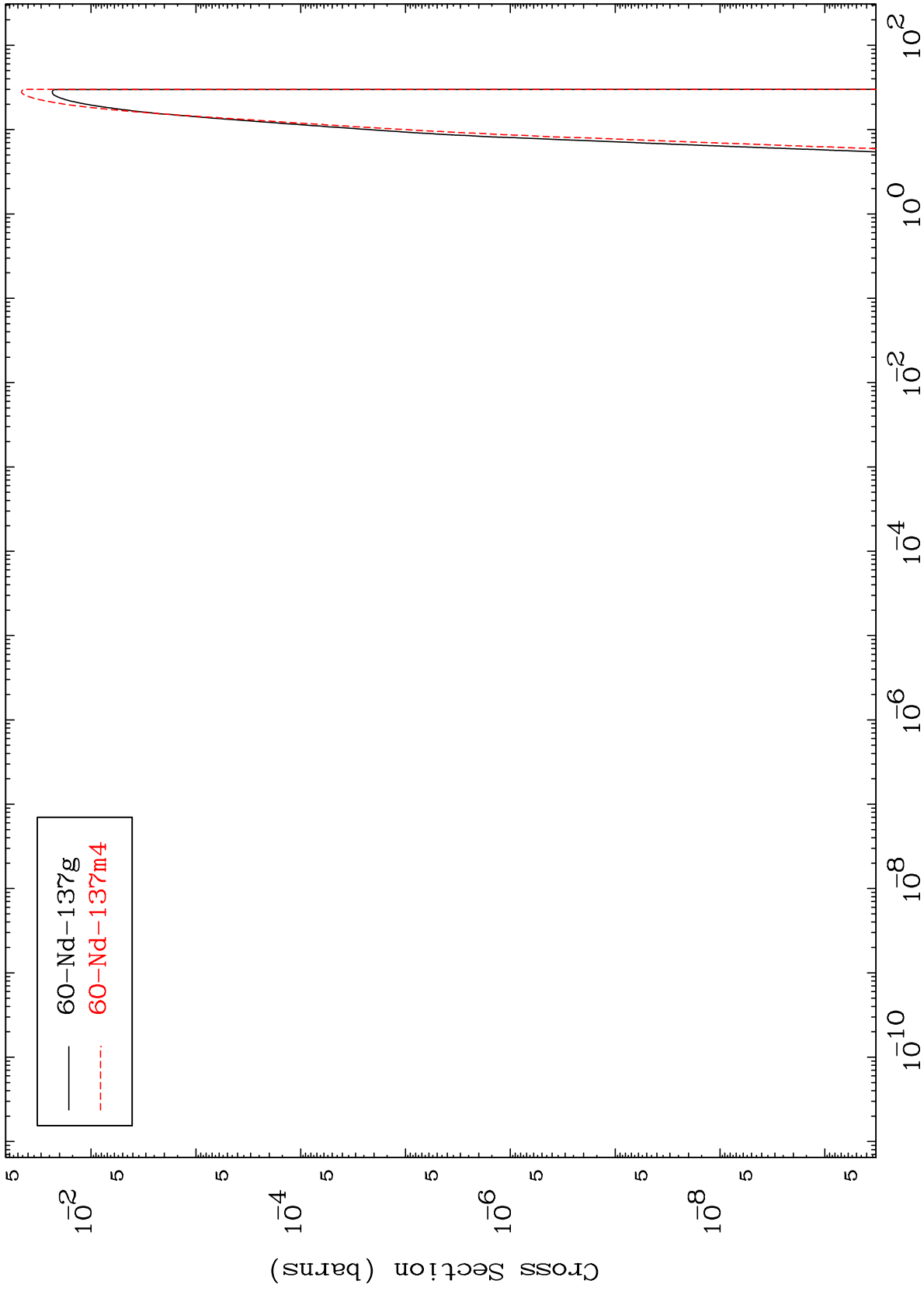
62-Sm-141

MAT 6217

(n,n') α

62-Sm-141

Radionuclide Production Cross Section

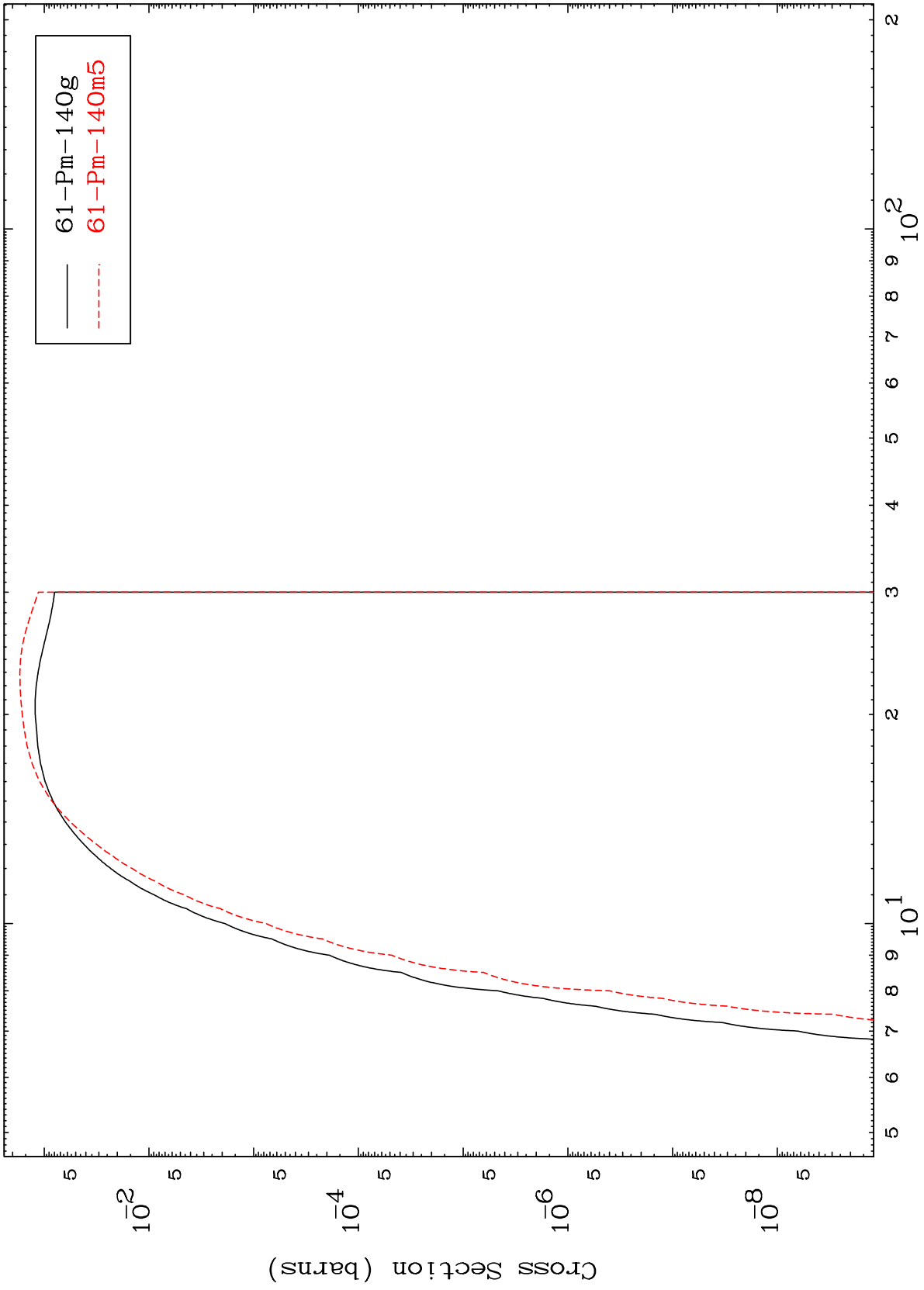


60-Nd-137g
60-Nd-137m4

MAT 6217

62-Sm-141

(n,n') p
Radionuclide Production Cross Section



23

Incident Energy (MeV)

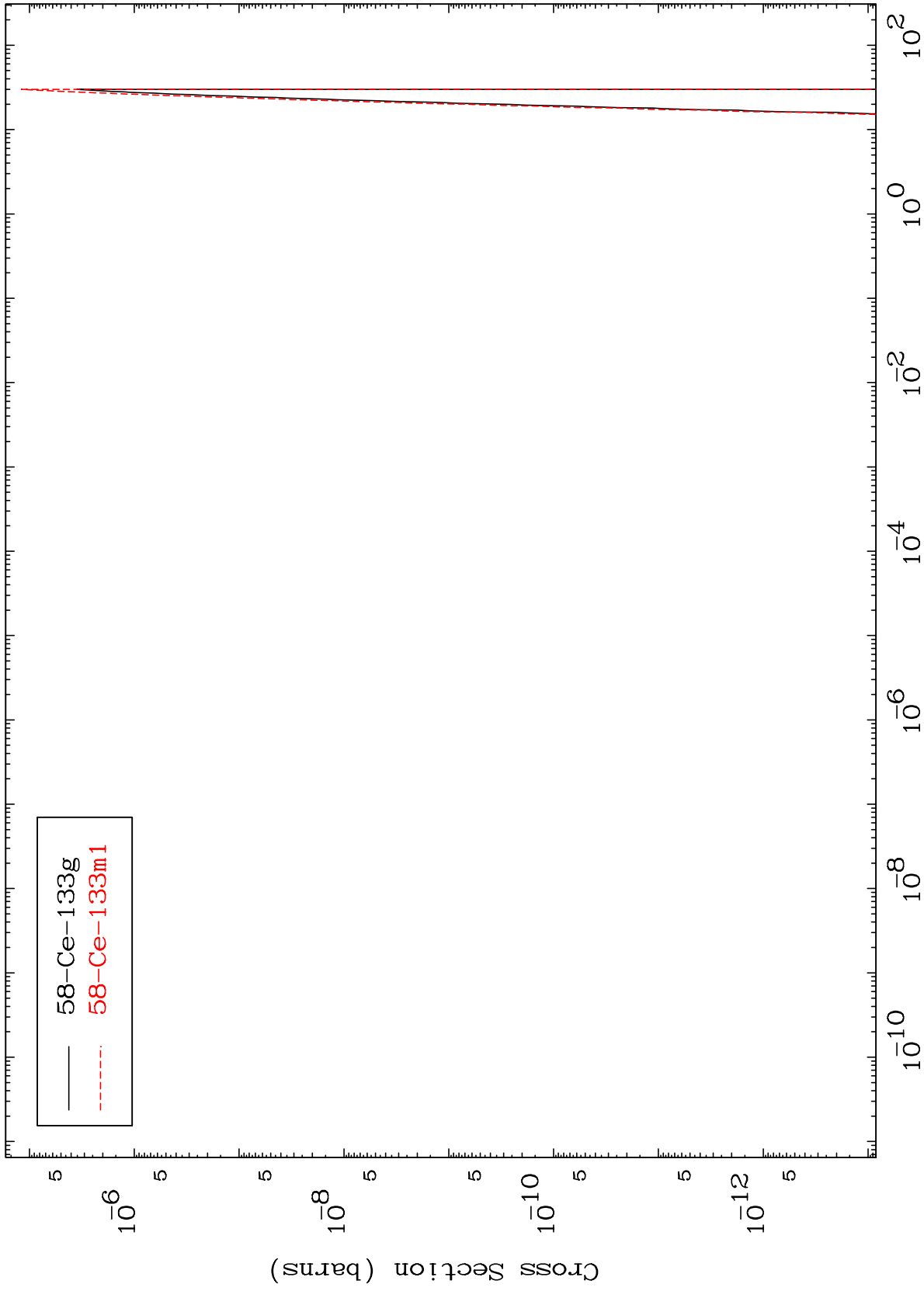
62-Sm-141

MAT 6217

(n,n') 2 α

62-Sm-141

Radionuclide Production Cross Section



24

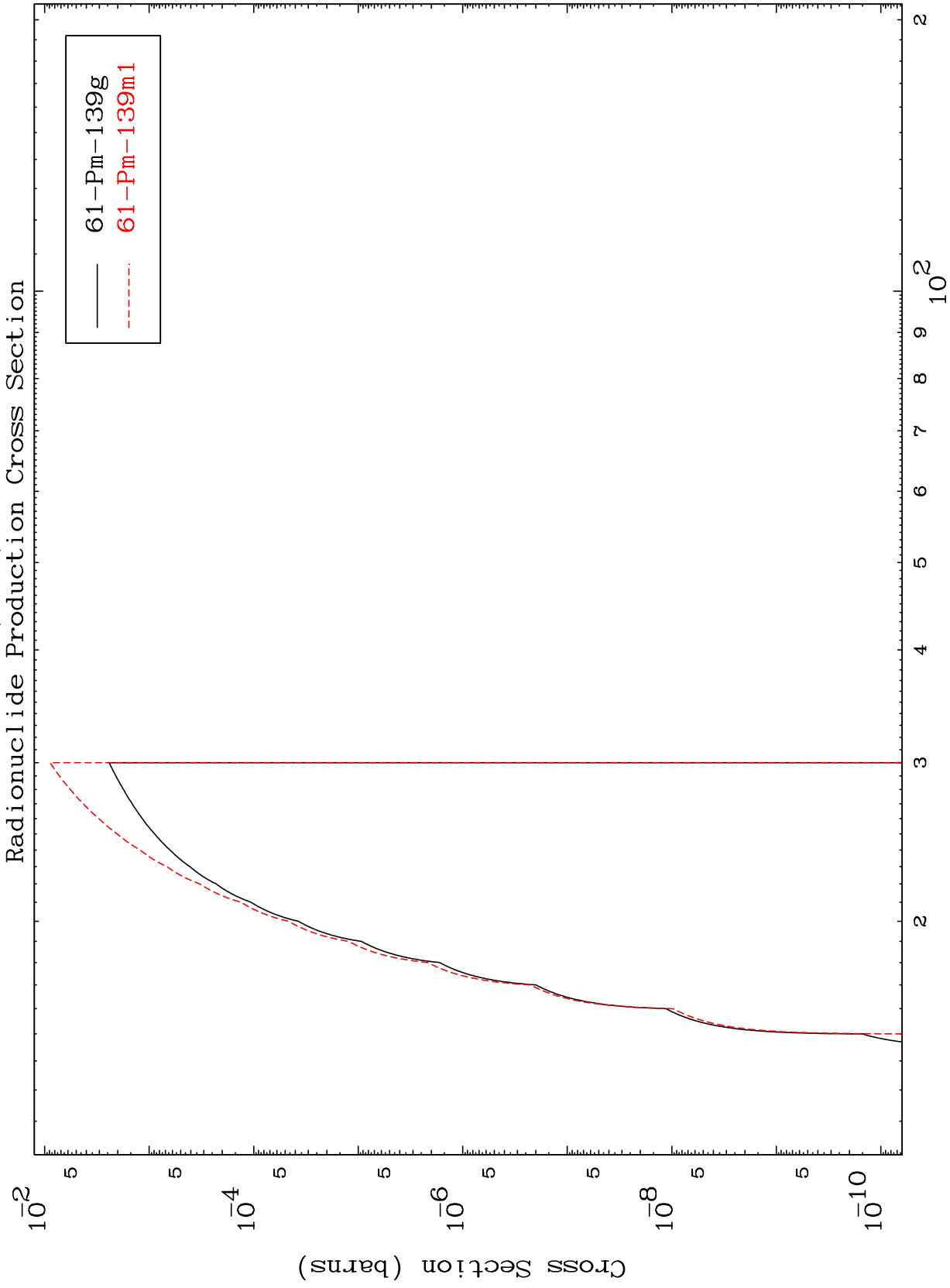
Incident Energy (MeV)

62-Sm-141

MAT 6217

(n, n') d

62-Sm-141



25

62-Sm-141

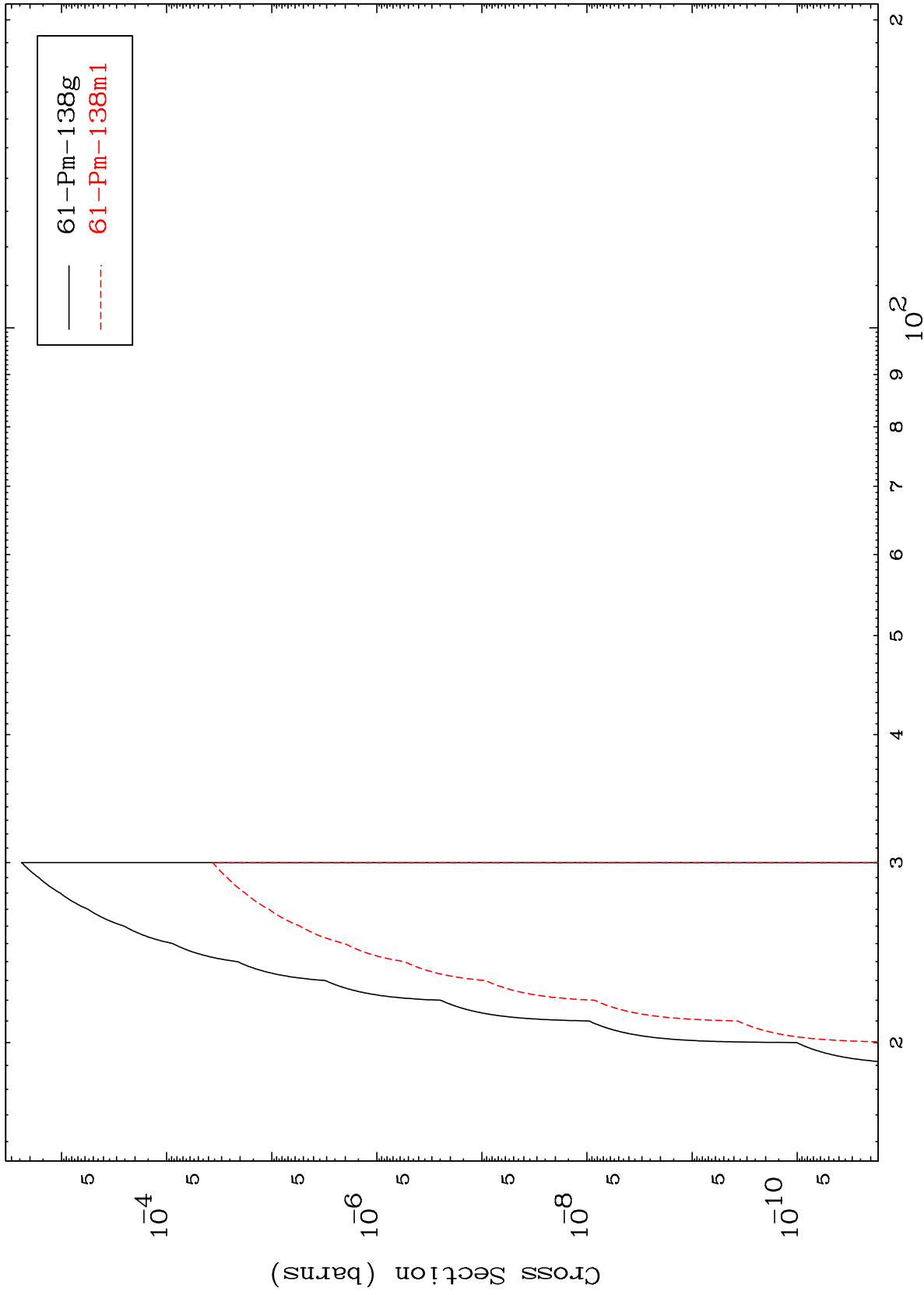
62-Sm-141

MAT 6217

(n,n') t

62-Sm-141

Radionuclide Production Cross Section



26

Incident Energy (MeV)

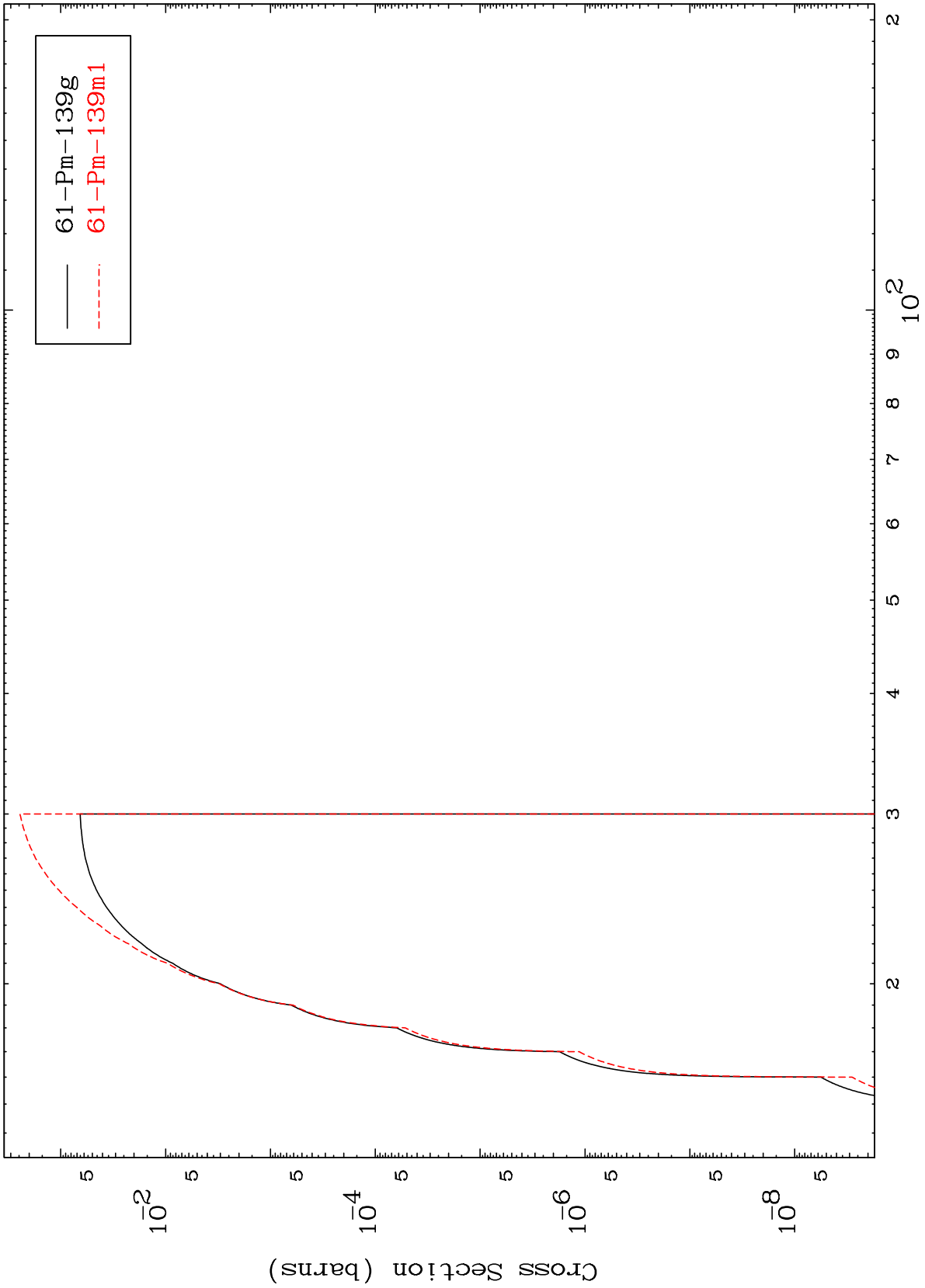
62-Sm-141

MAT 6217

(n,2n) p

62-Sm-141

Radionuclide Production Cross Section



27

Incident Energy (MeV)

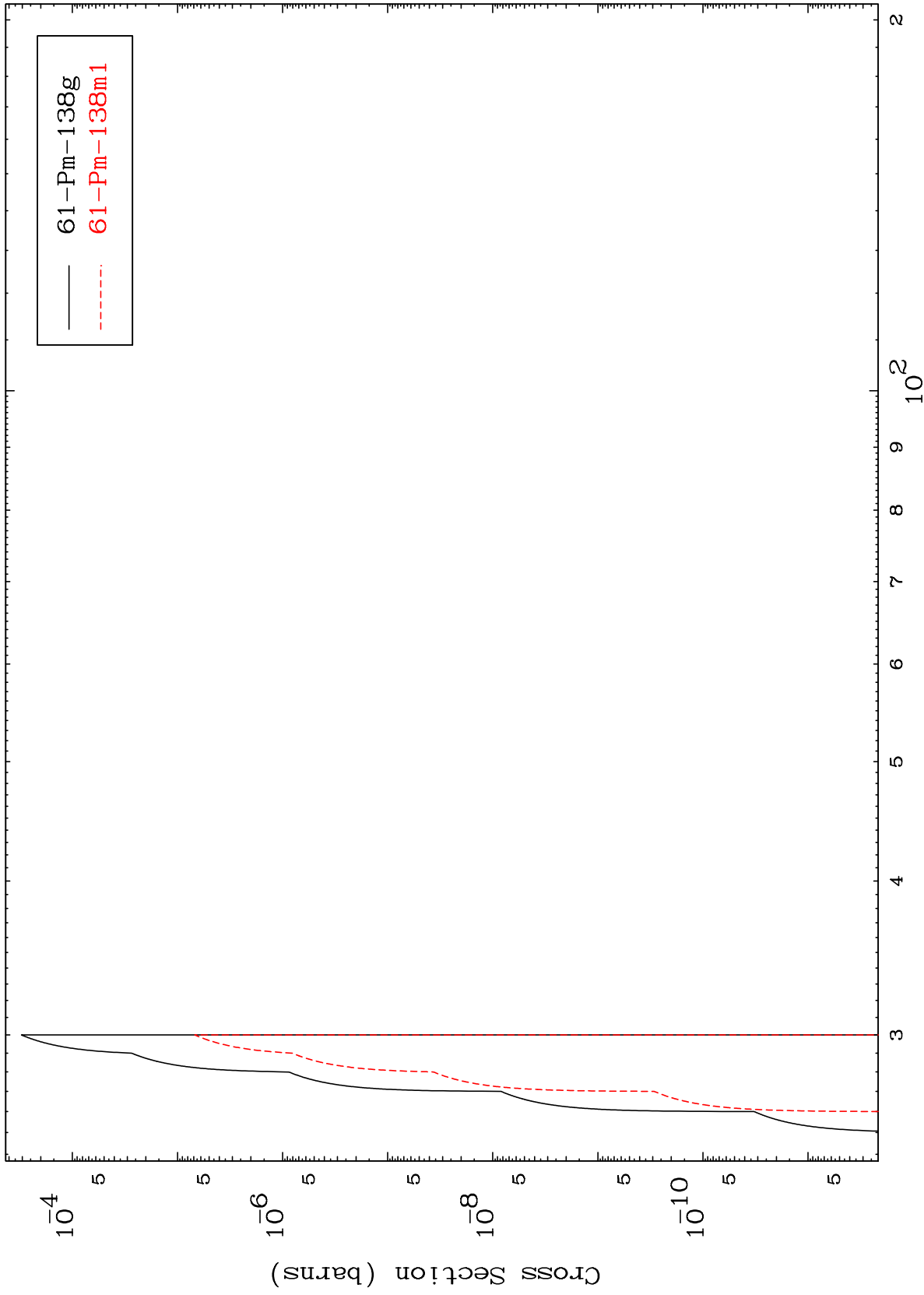
62-Sm-141

MAT 6217

(n,3n) p

62-Sm-141

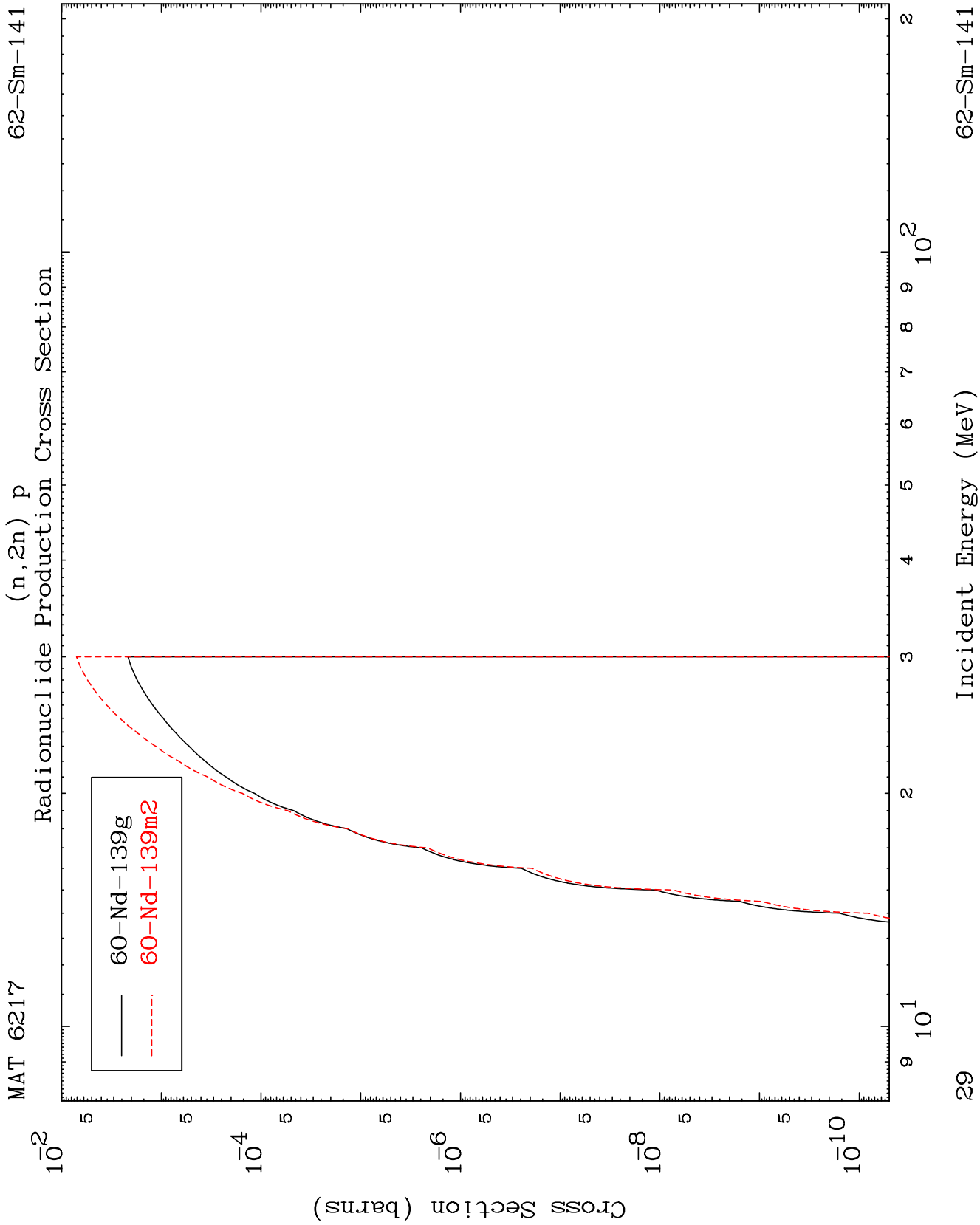
Radionuclide Production Cross Section



28

Incident Energy (MeV)

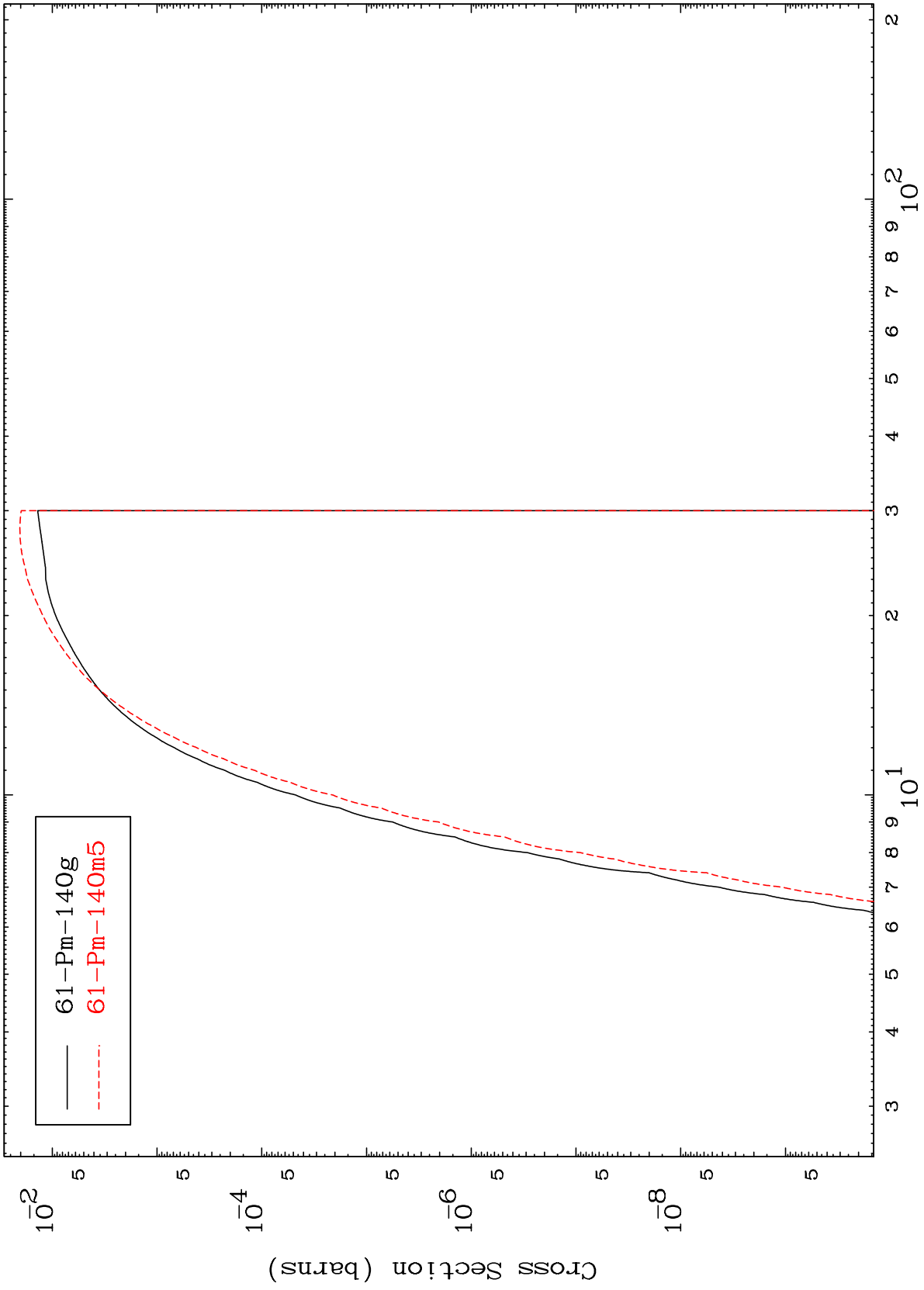
62-Sm-141



MAT 6217

62-Sm-141

(n,d)
Radionuclide Production Cross Section

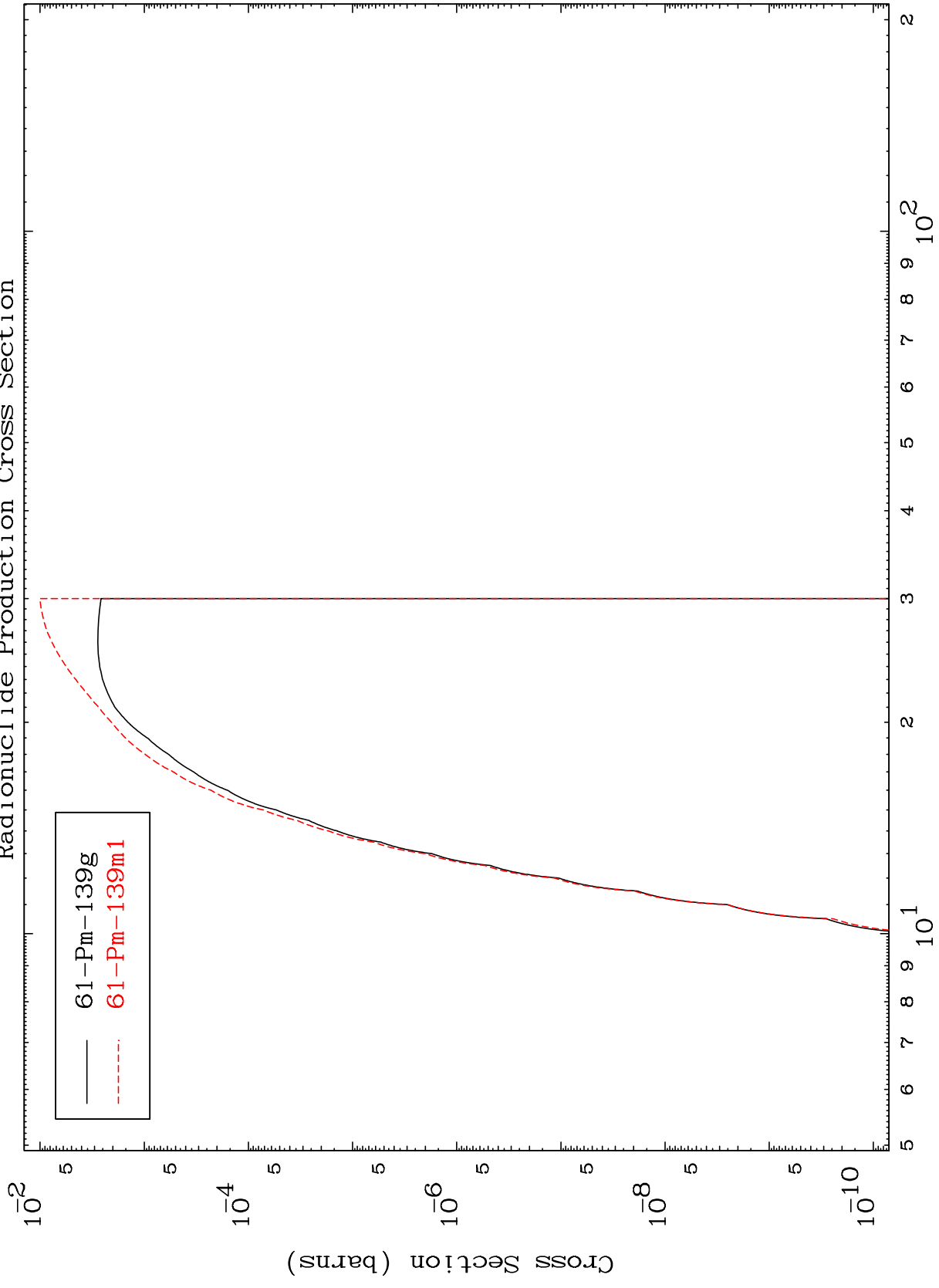


30

MAT 6217

62-Sm-141

Radionuclide Production Cross Section



31

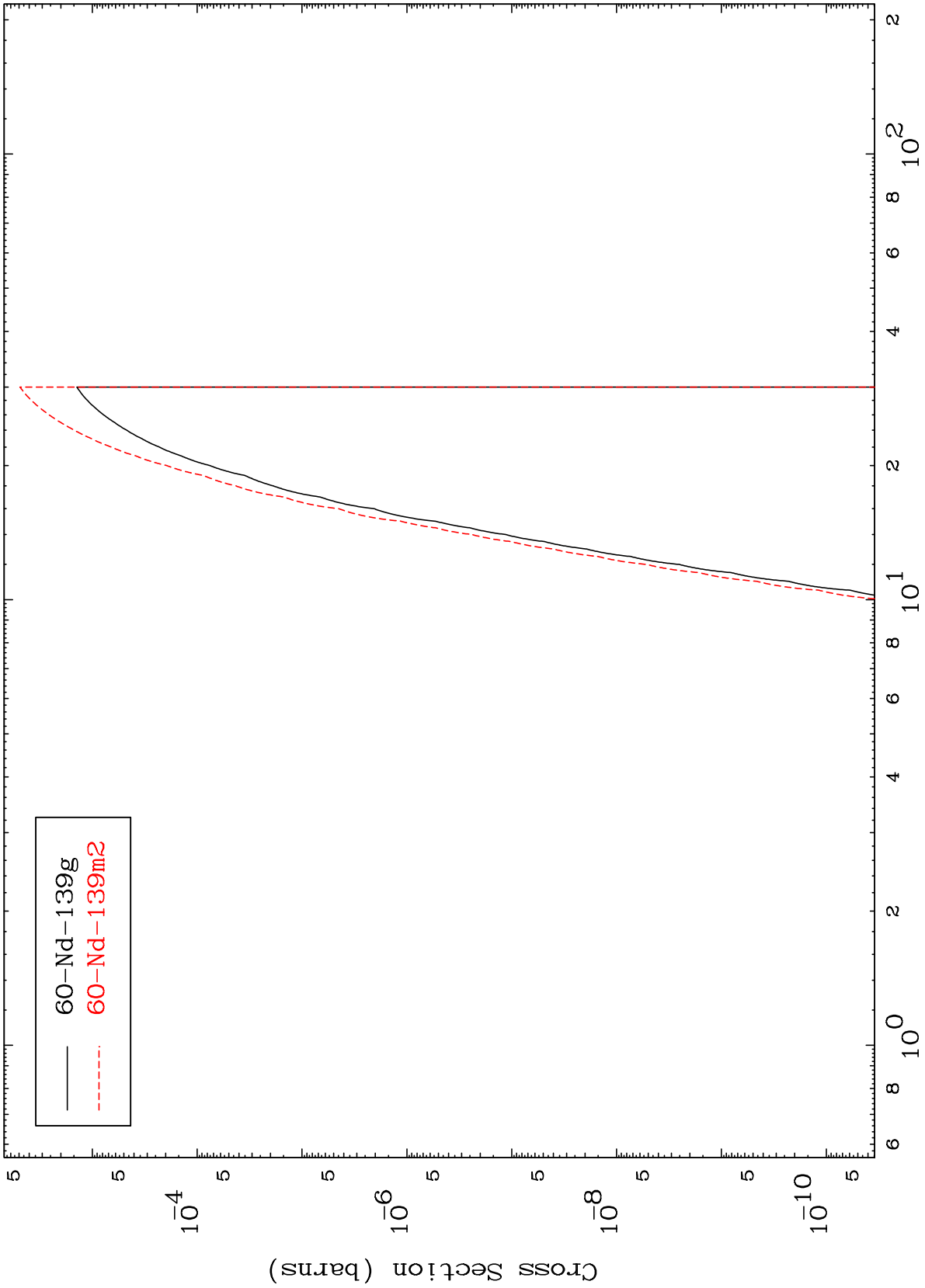
62-Sm-141

MAT 6217

(n, He-3)

62-Sm-141

Radionuclide Production Cross Section



60-Nd-139g
60-Nd-139m2

32

Incident Energy (MeV)

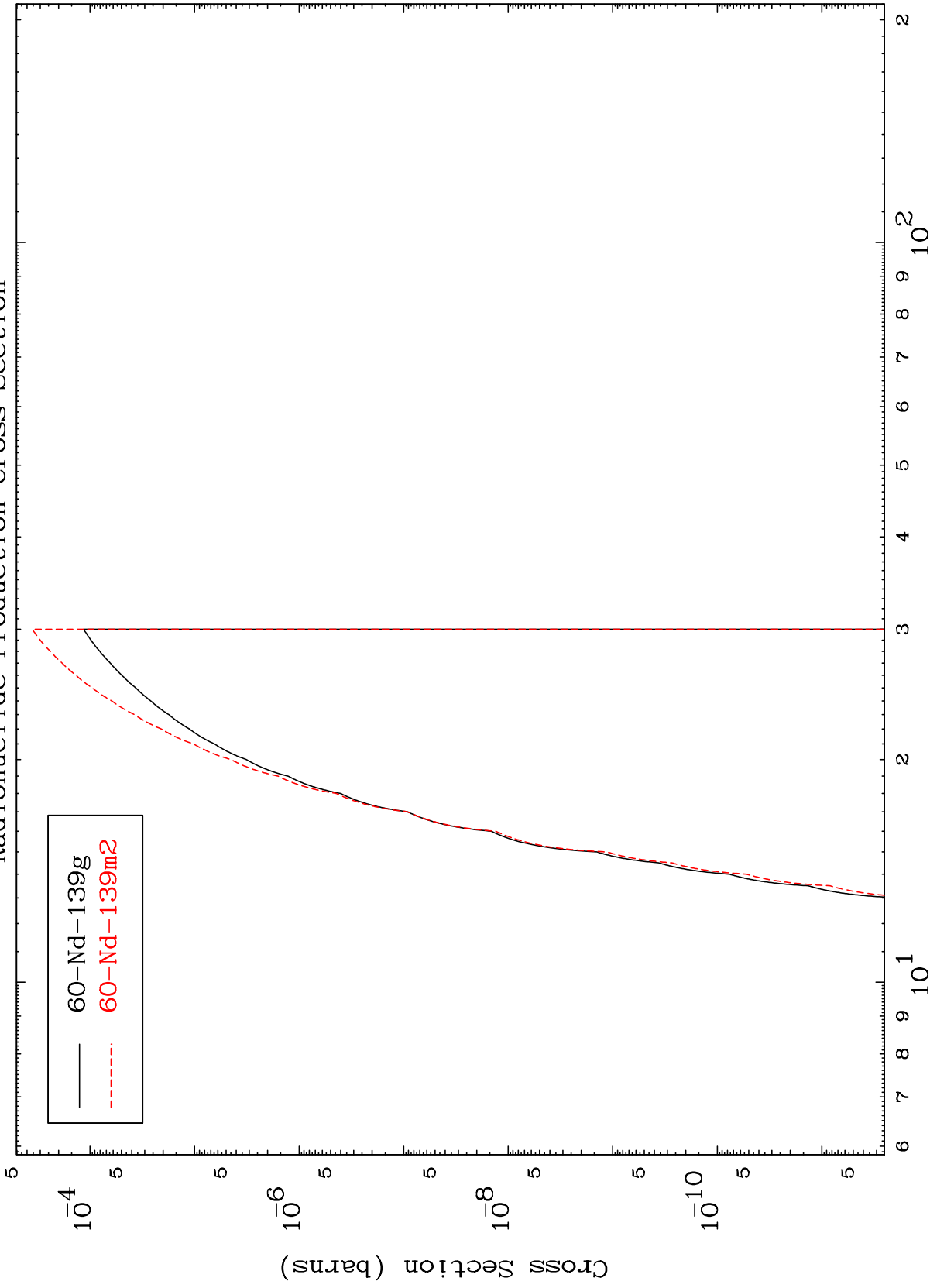
62-Sm-141

MAT 6217

(n,p) d

62-Sm-141

Radionuclide Production Cross Section



33

Incident Energy (MeV)

62-Sm-141