

Program EVALPLOT
(Version 2018-1)

by

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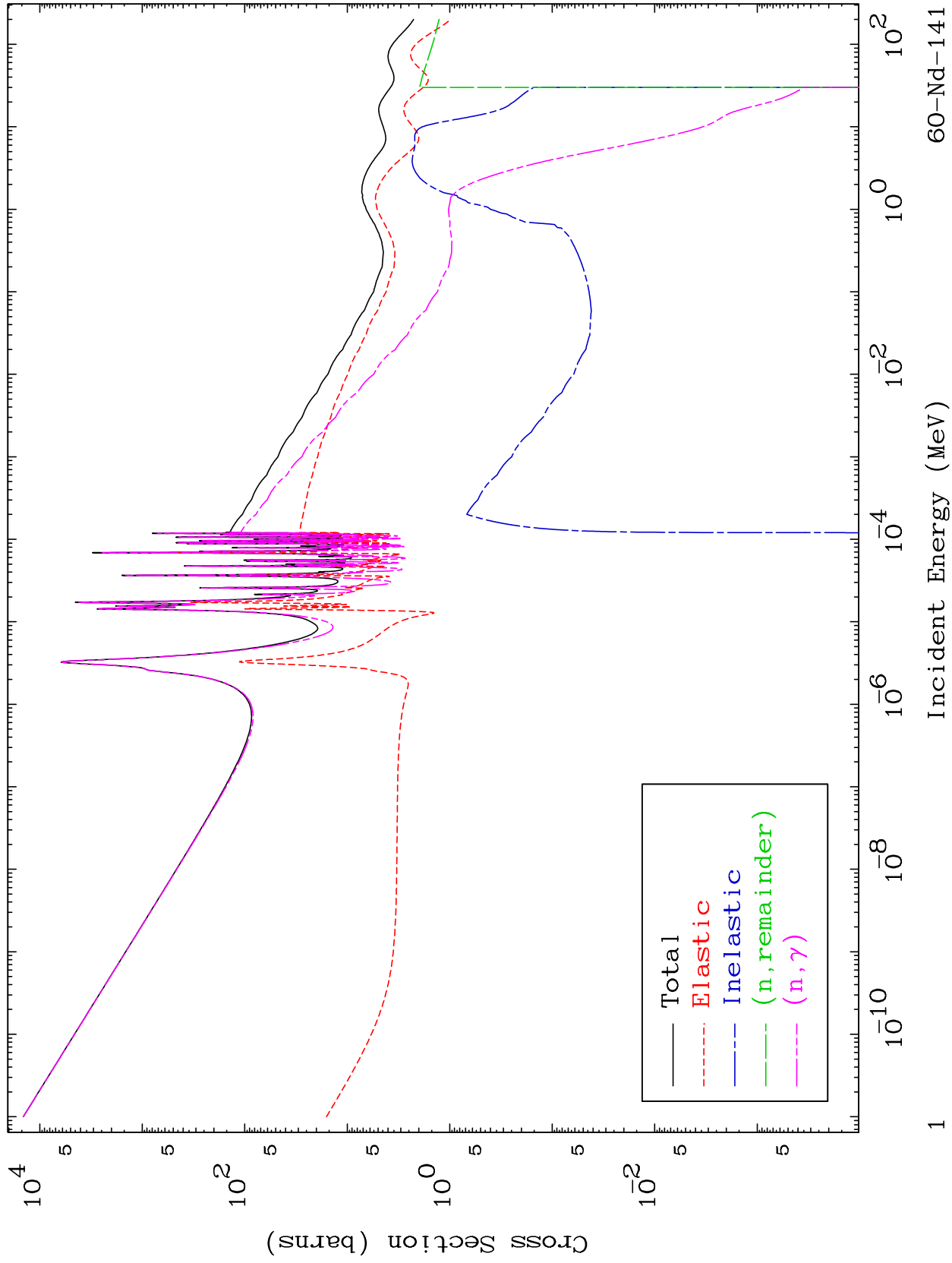
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6023

Major
293 Kelvin Cross Sections

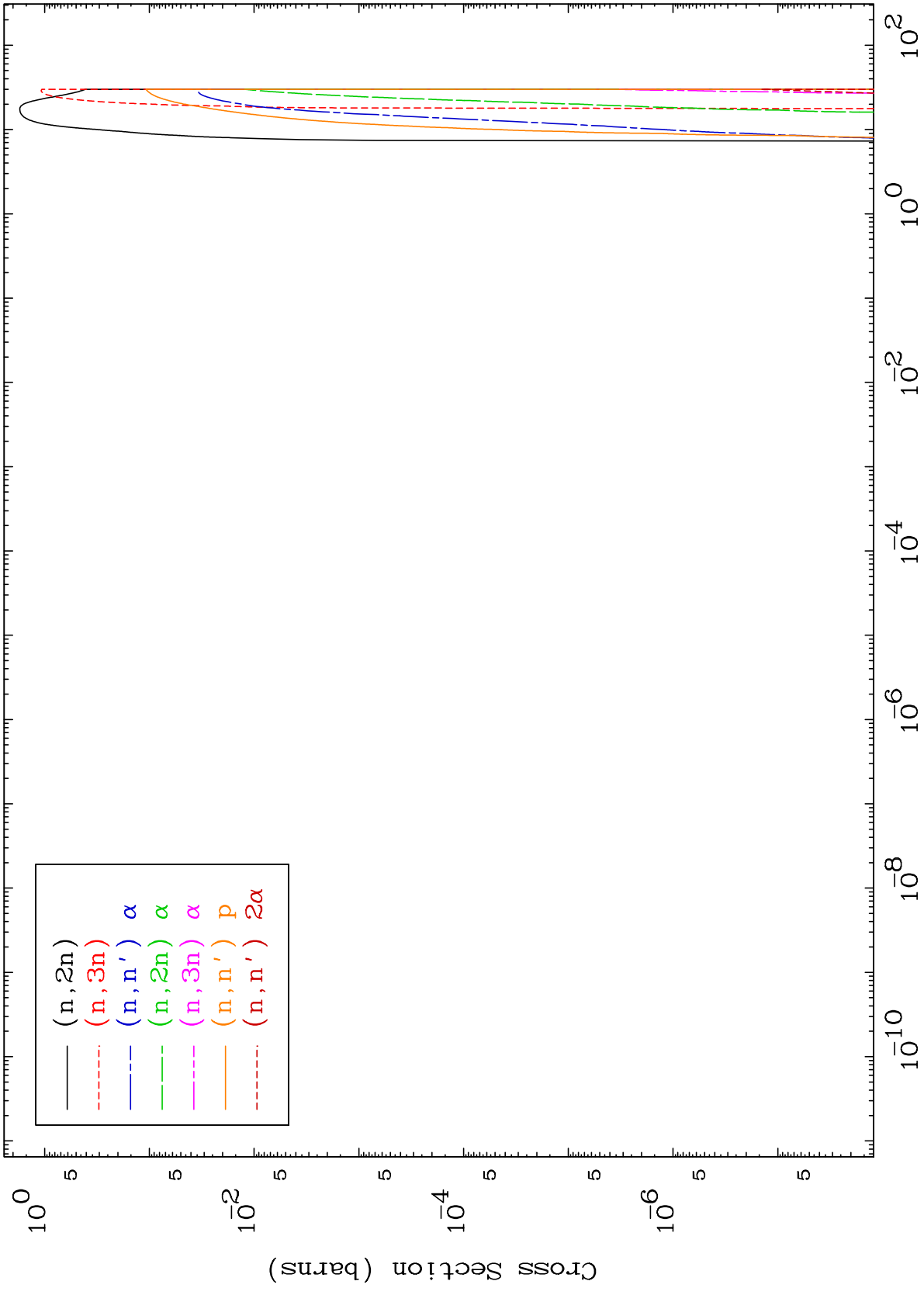
60-Nd-141



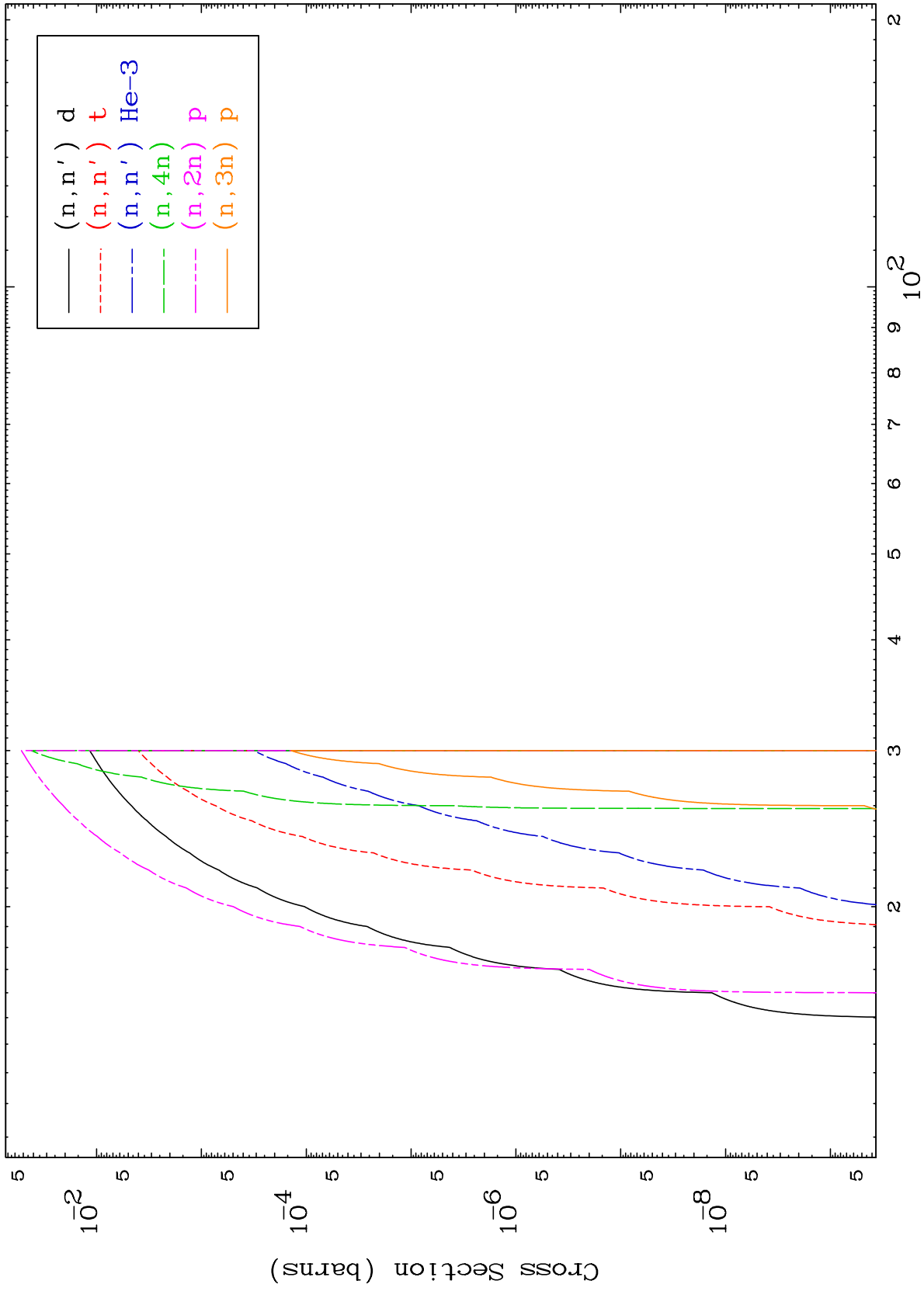
MAT 6023

Neutron Production
293 Kelvin Cross Sections

60-Nd-141



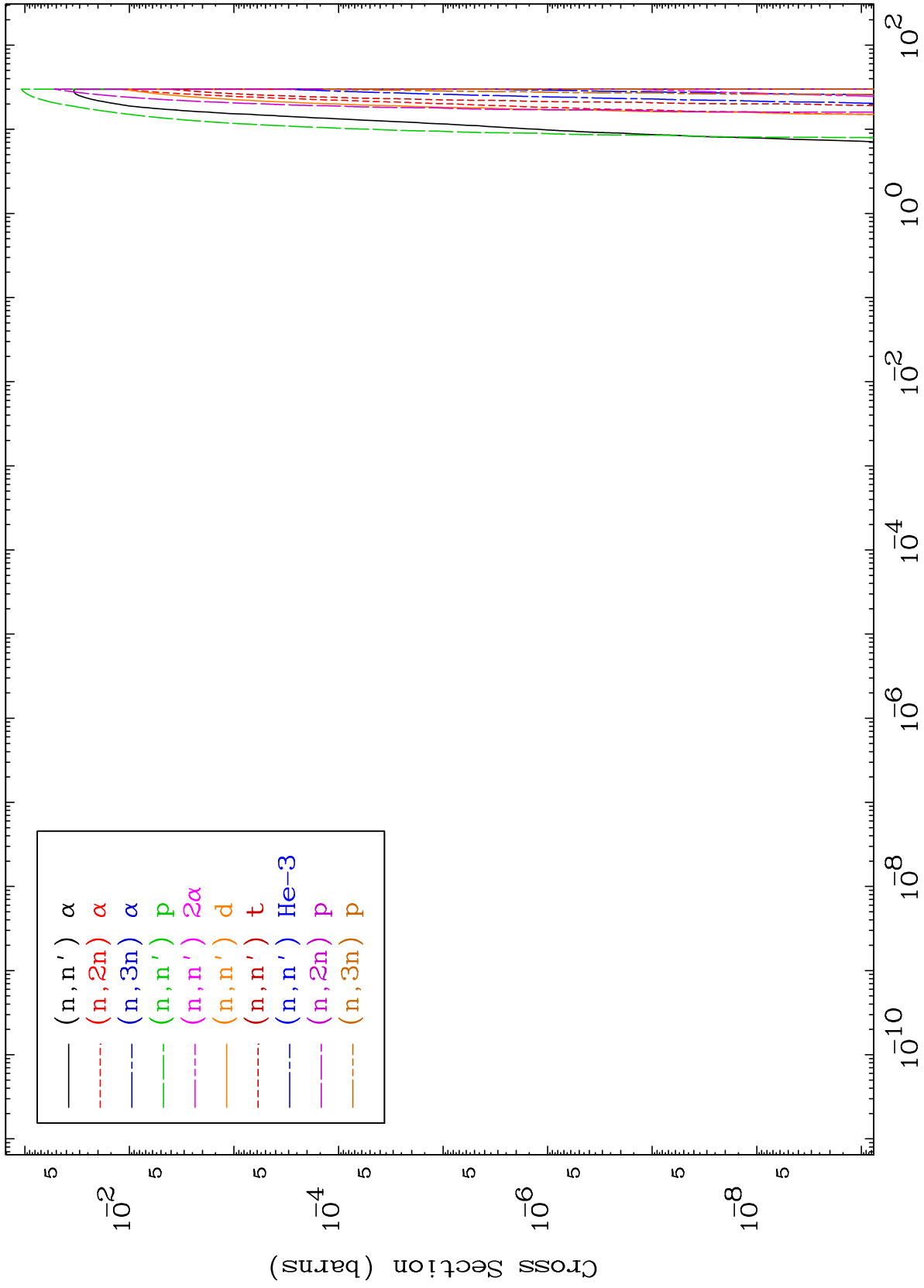
60-Nd-141



MAT 6023

Charged Particle
293 Kelvin Cross Sections

60-Nd-141

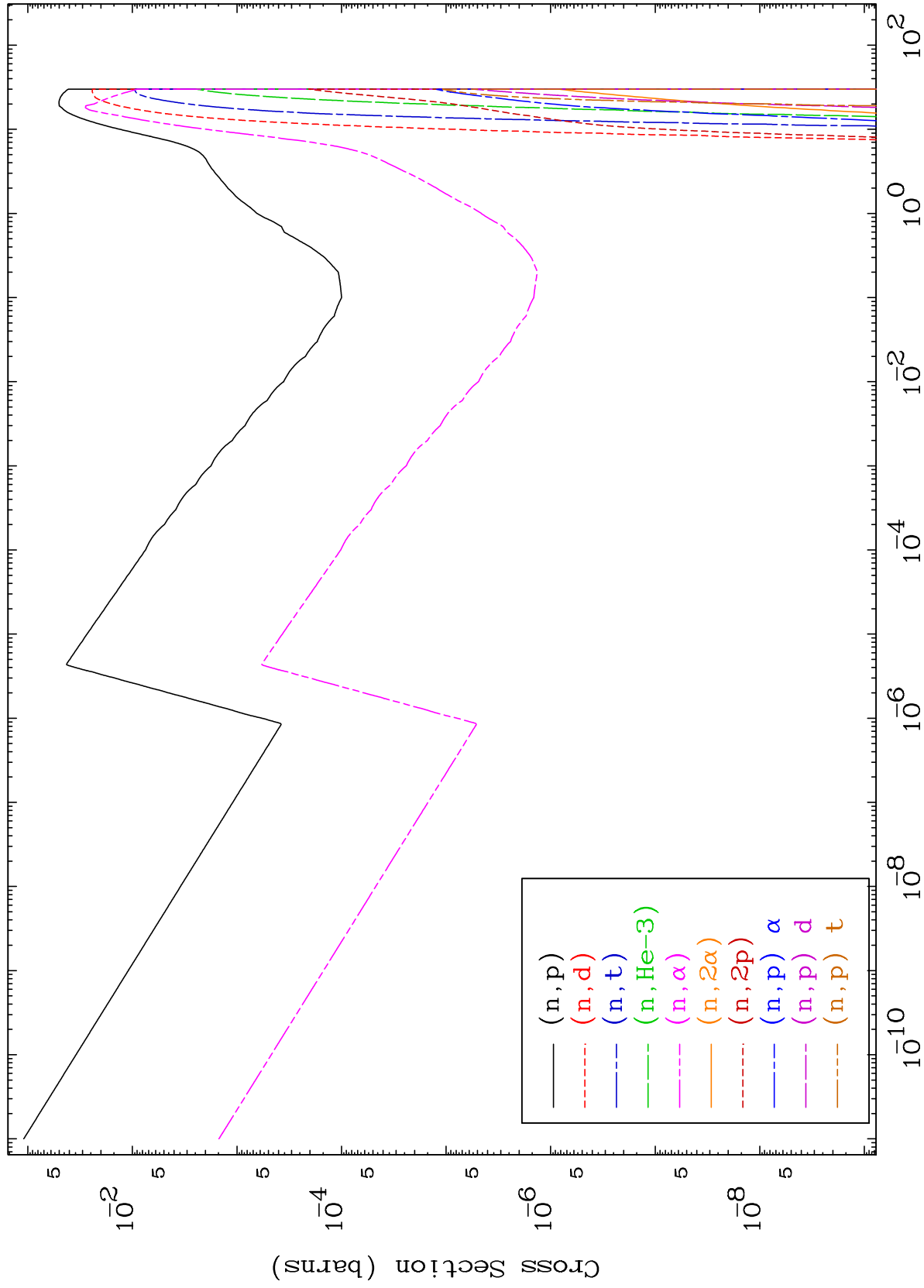


60-Nd-141

MAT 6023

293 Charged Particle
Kelvin Cross Sections

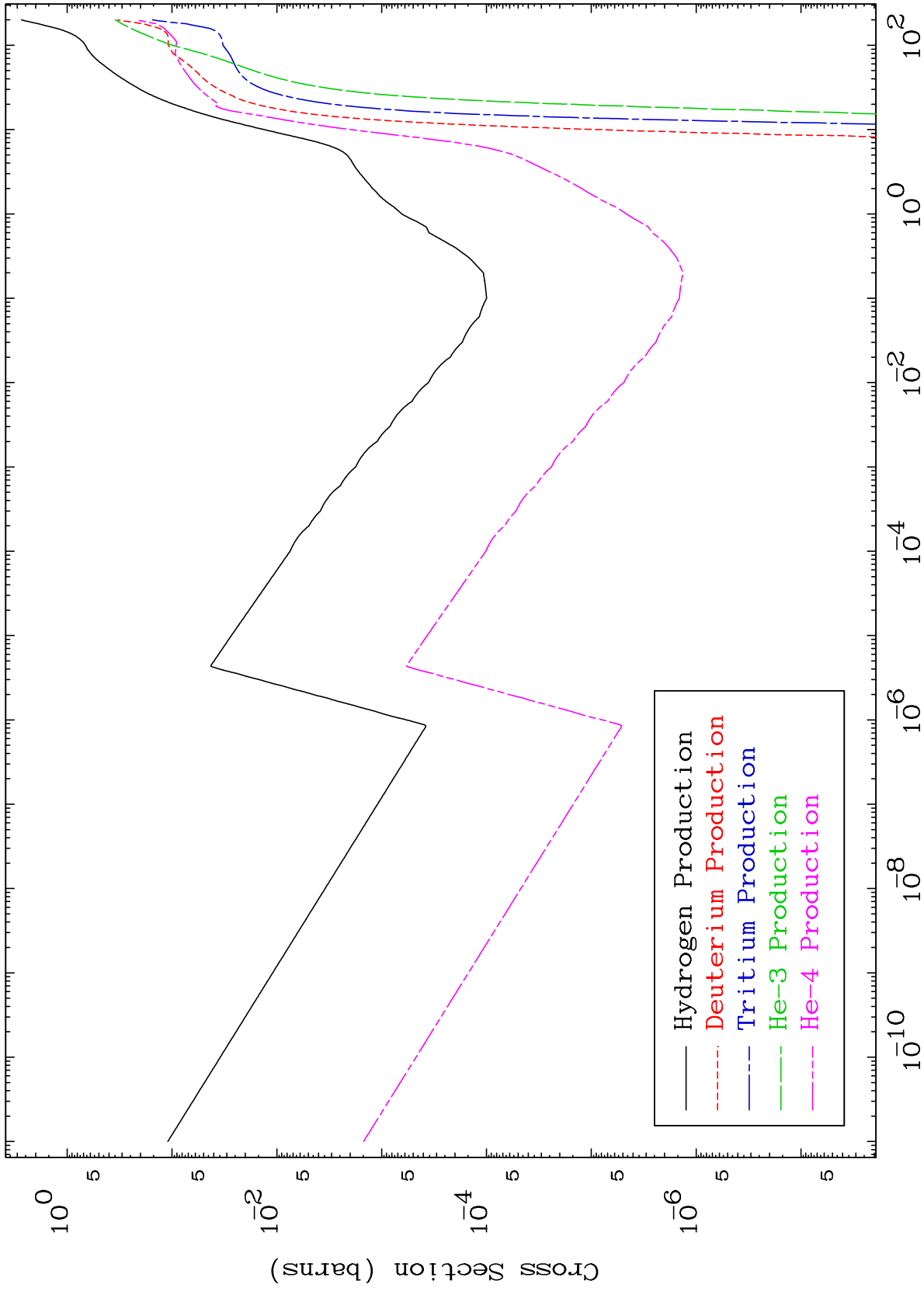
60-Nd-141



MAT 6023

Particle Production
293 Kelvin Cross Sections

60-Nd-141



6

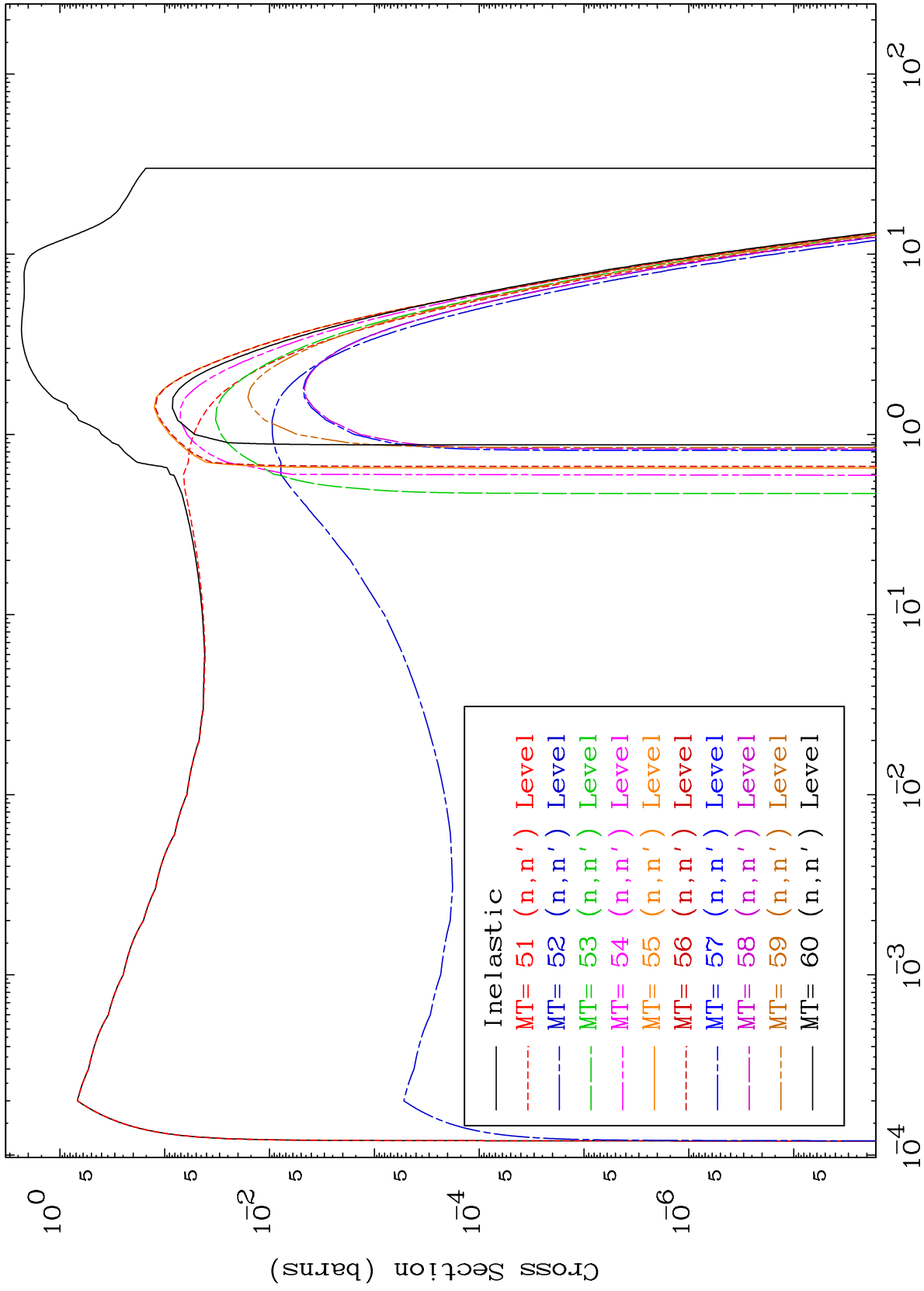
Incident Energy (MeV)

60-Nd-141

MAT 6023

(n,n') Level
293 Kelvin Cross Sections

60-Nd-141

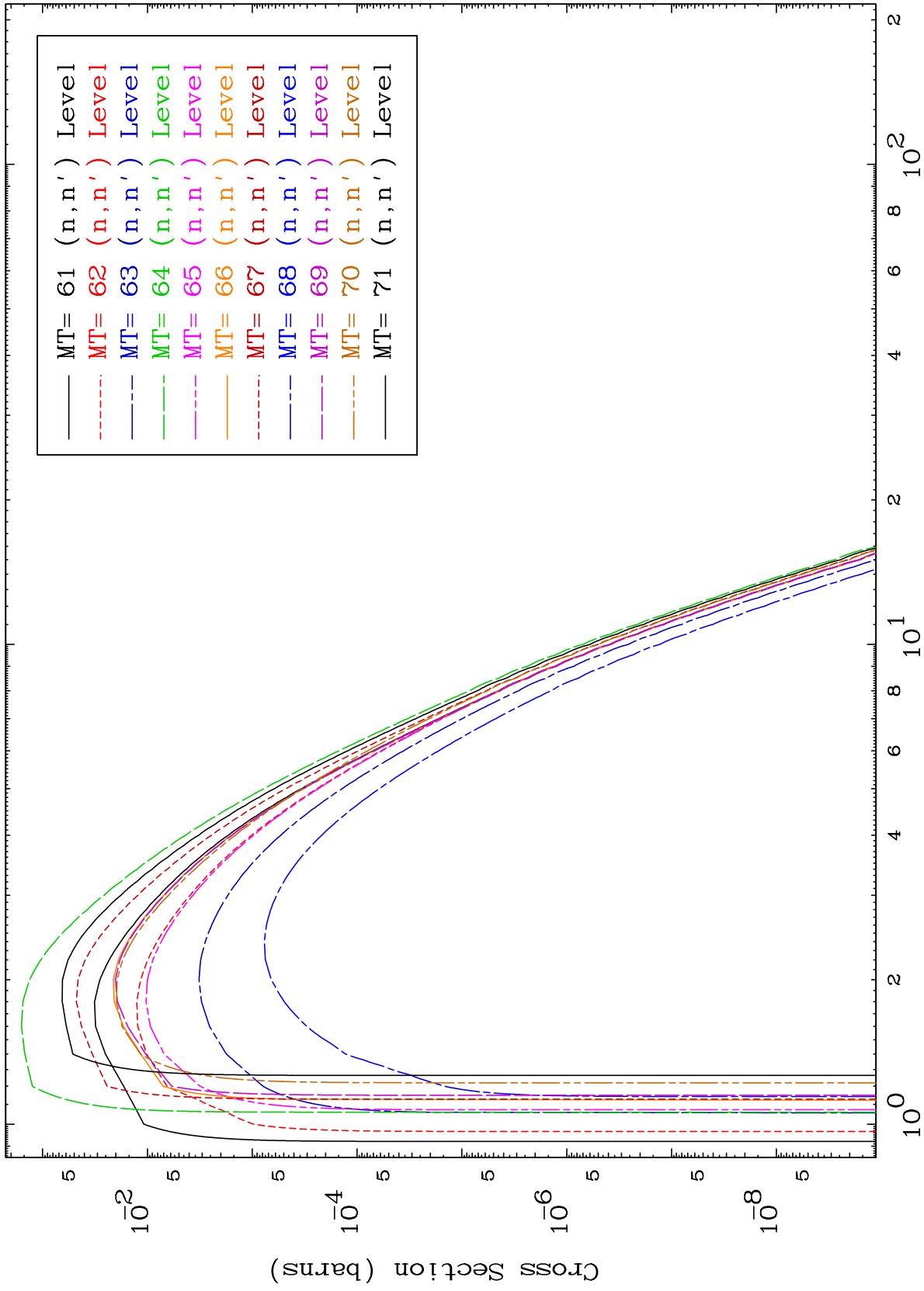


MAT 6023

(n,n') Level

60-Nd-141

293 Kelvin Cross Sections



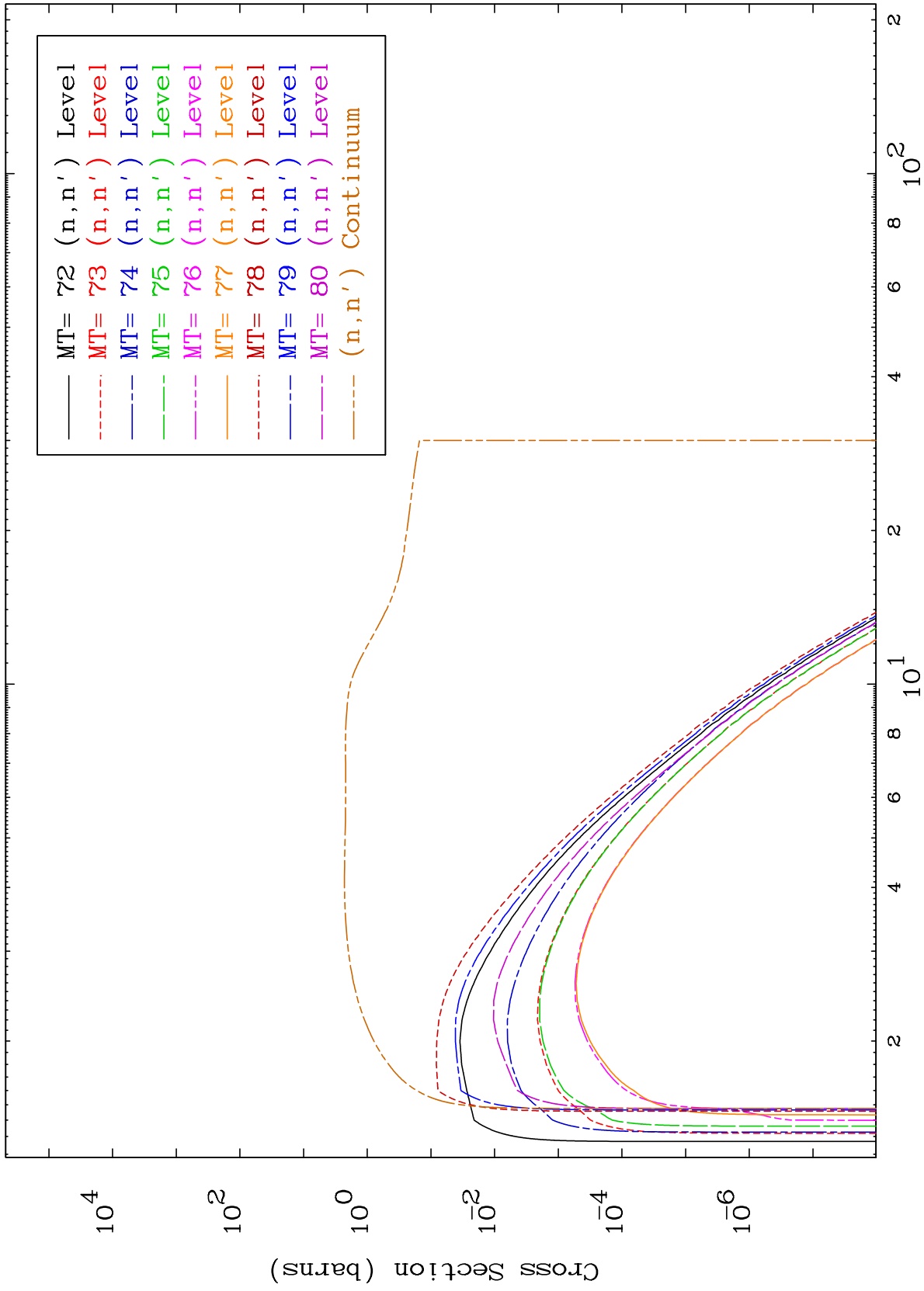
Incident Energy (MeV)

60-Nd-141

MAT 6023

(n,n') Level
293 Kelvin Cross Sections

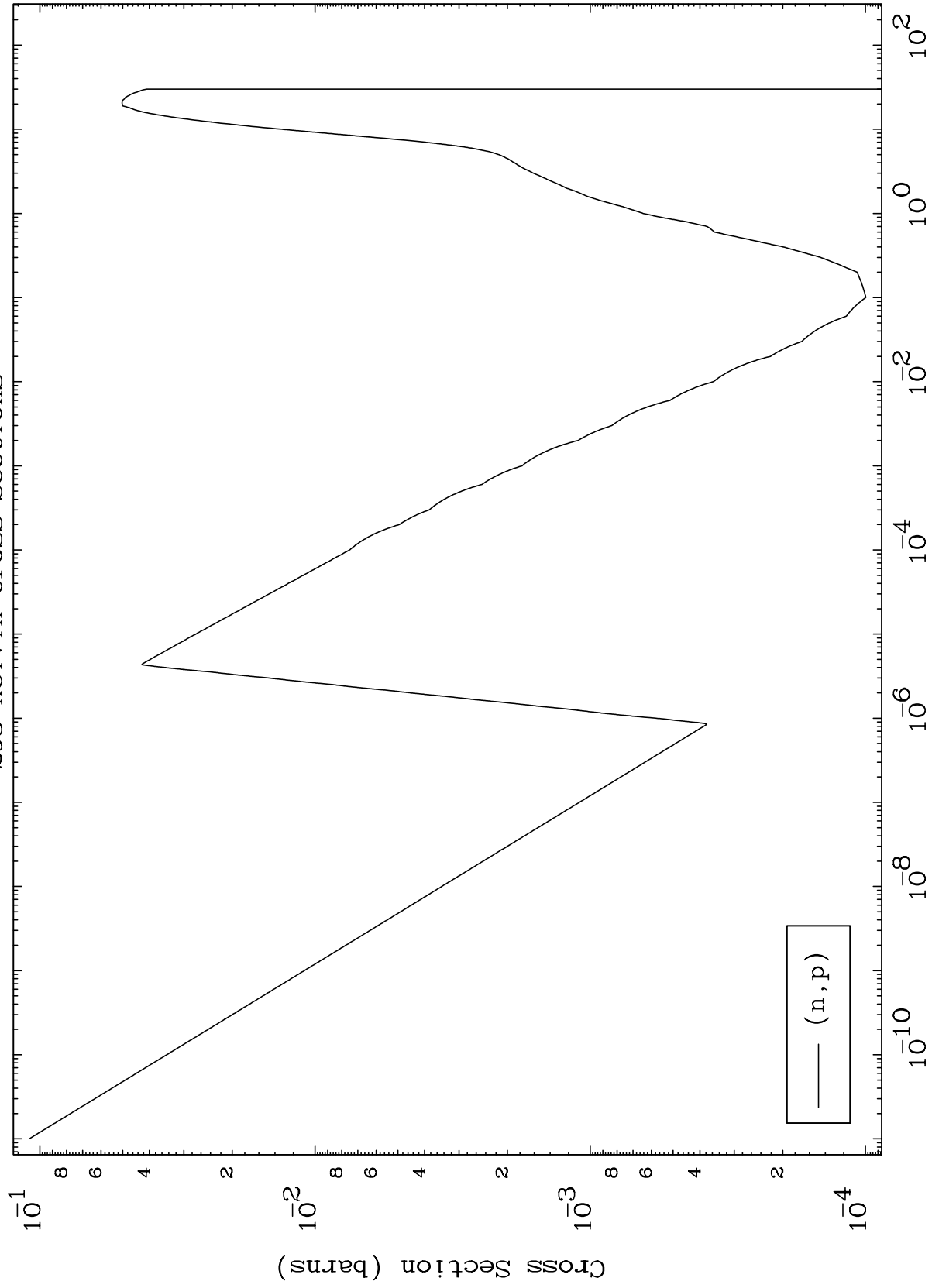
60-Nd-141



MAT 6023

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-141



10

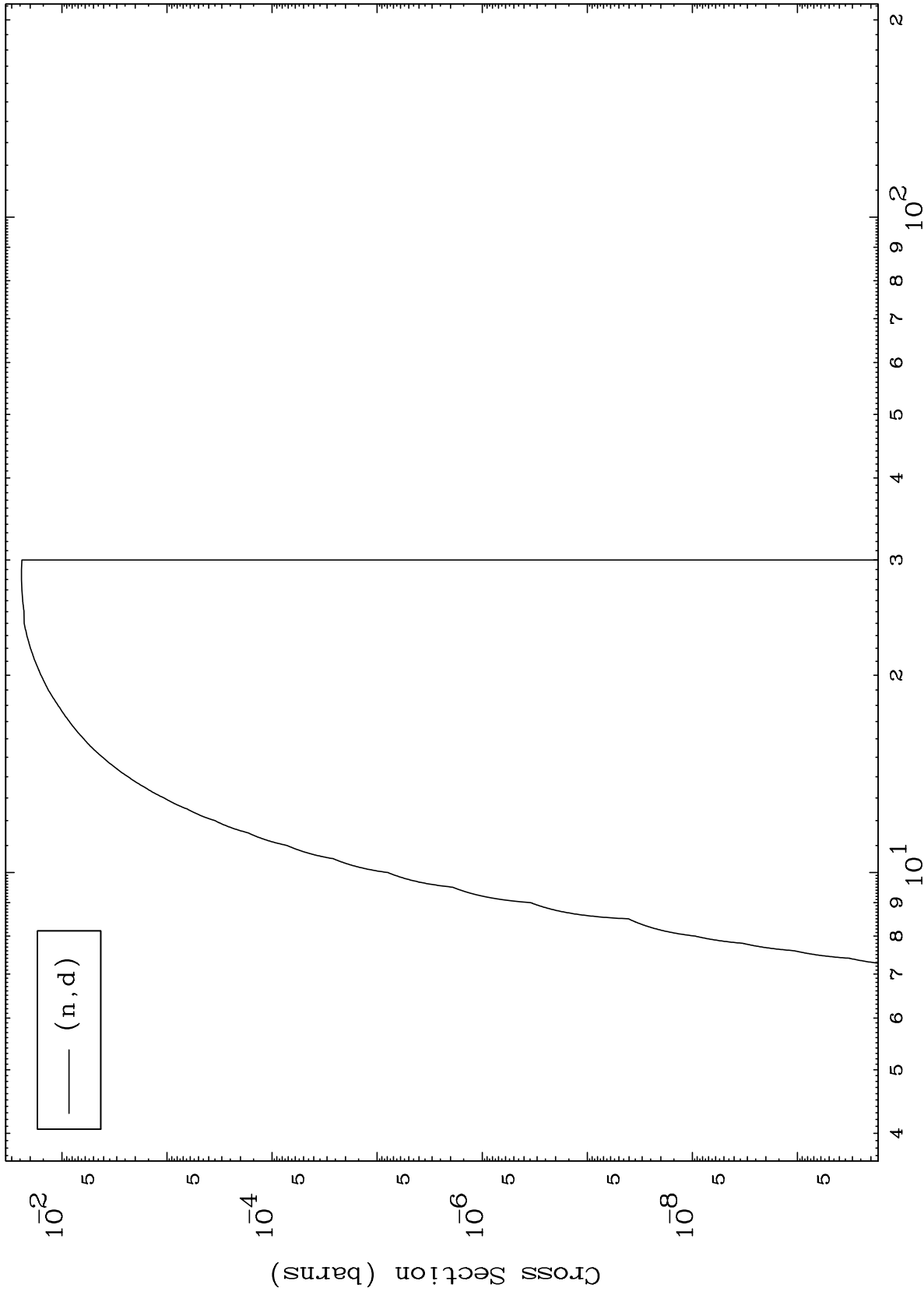
Incident Energy (MeV)

60-Nd-141

MAT 6023

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-141



11

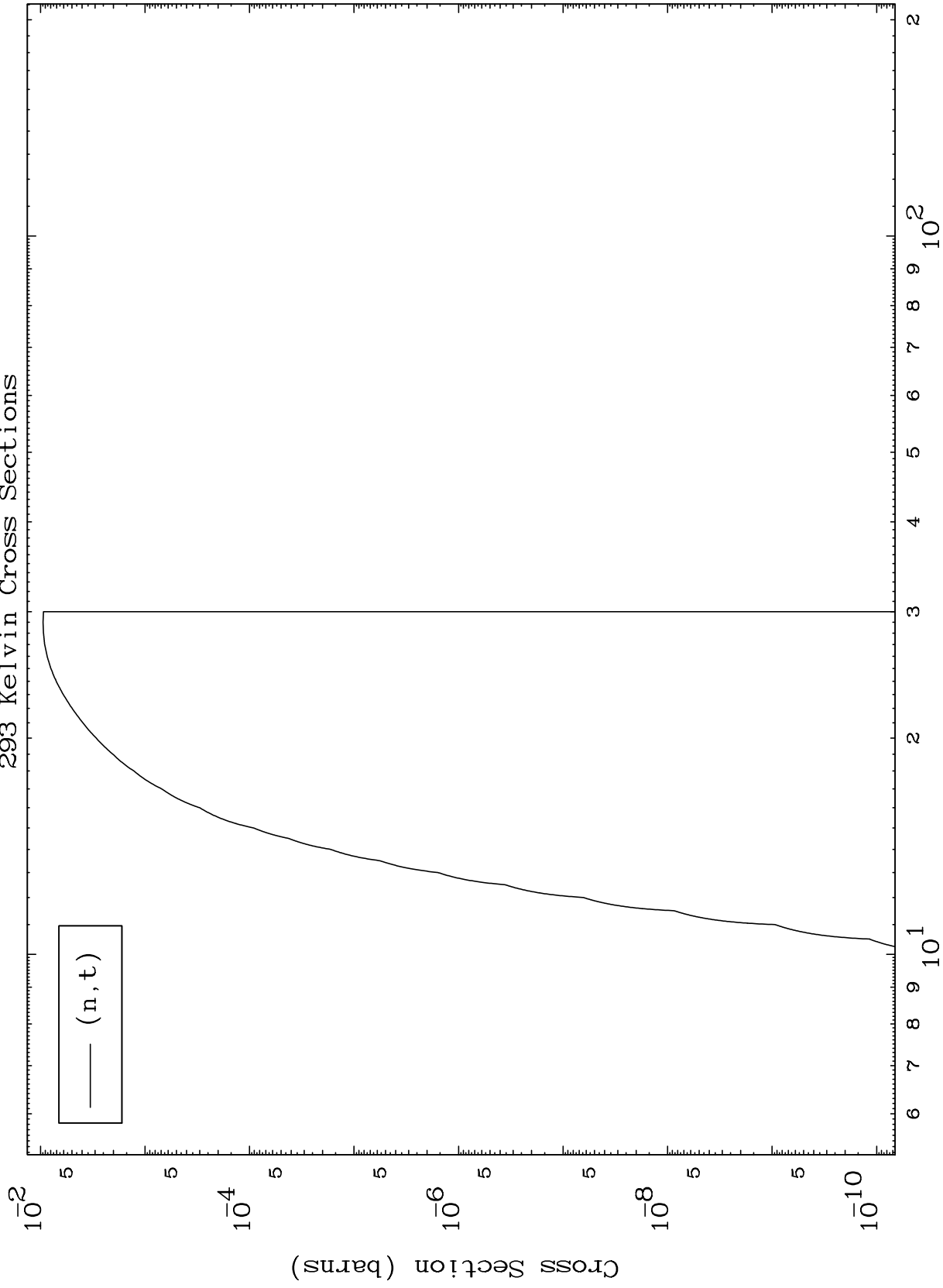
Incident Energy (MeV)

60-Nd-141

MAT 6023

60-Nd-141

(n,t) Levels
293 Kelvin Cross Sections



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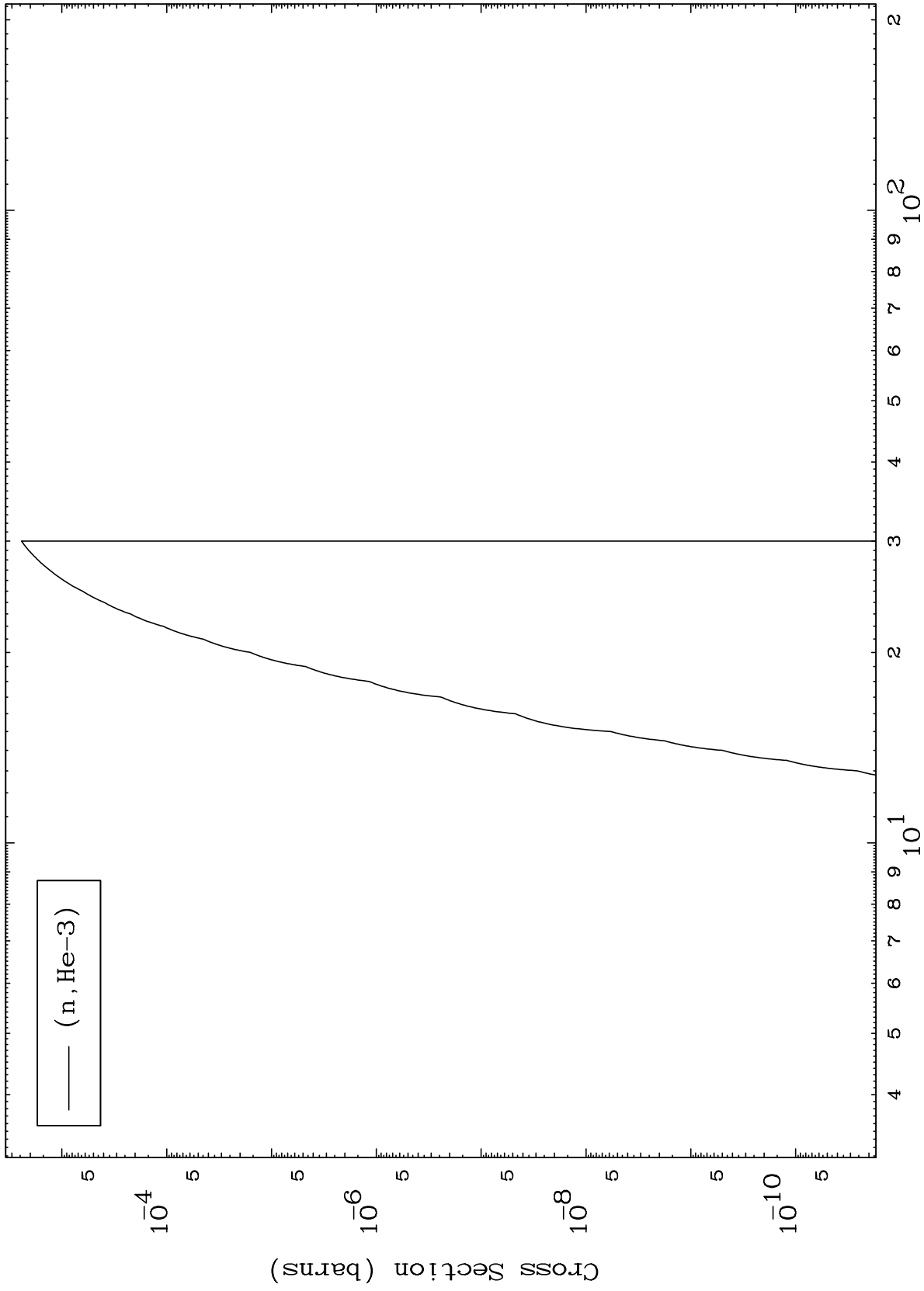
Incident Energy (MeV)

60-Nd-141

MAT 6023

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-141



13

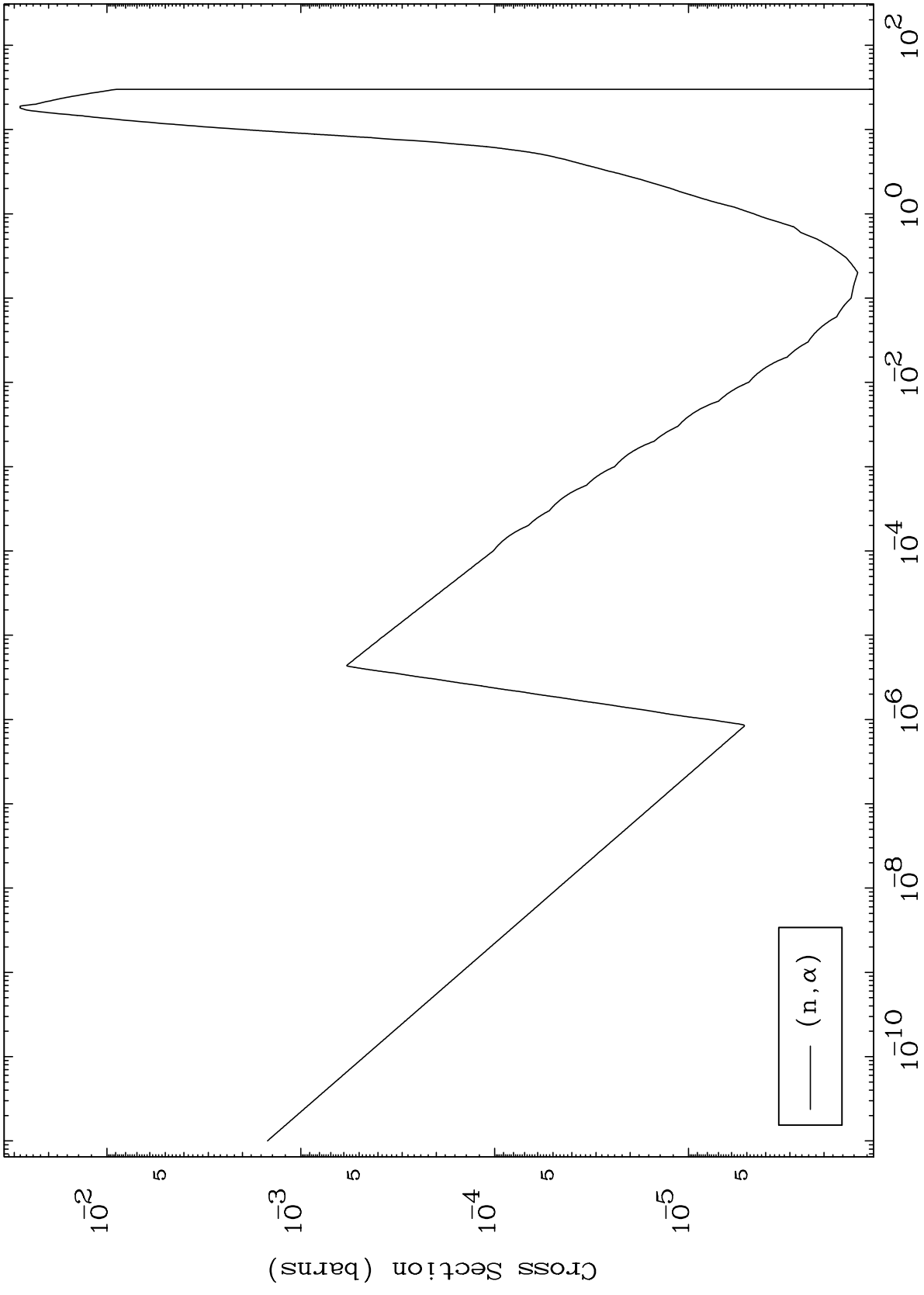
Incident Energy (MeV)

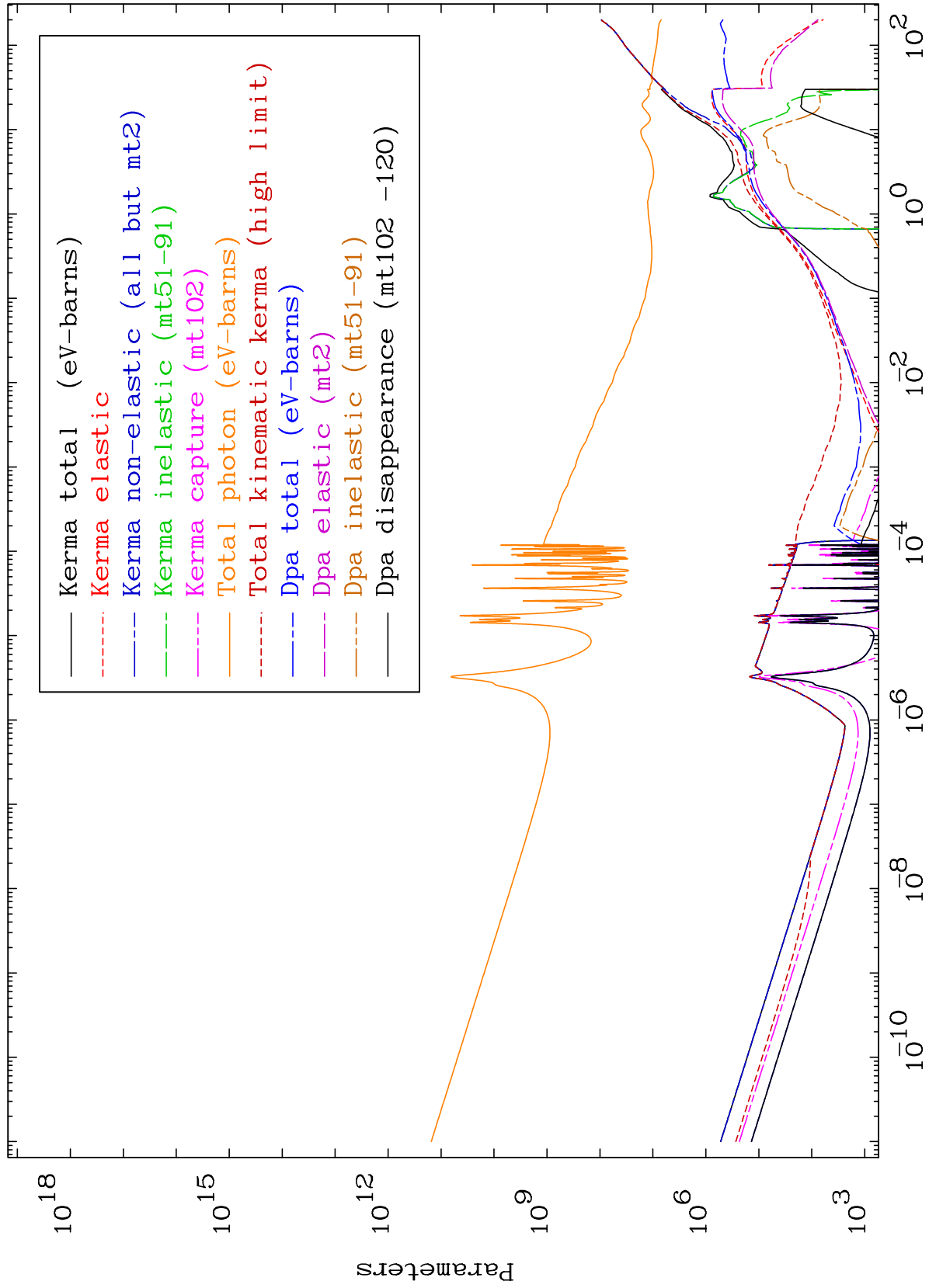
60-Nd-141

MAT 6023

(n,α) Levels
293 Kelvin Cross Sections

60-Nd-141

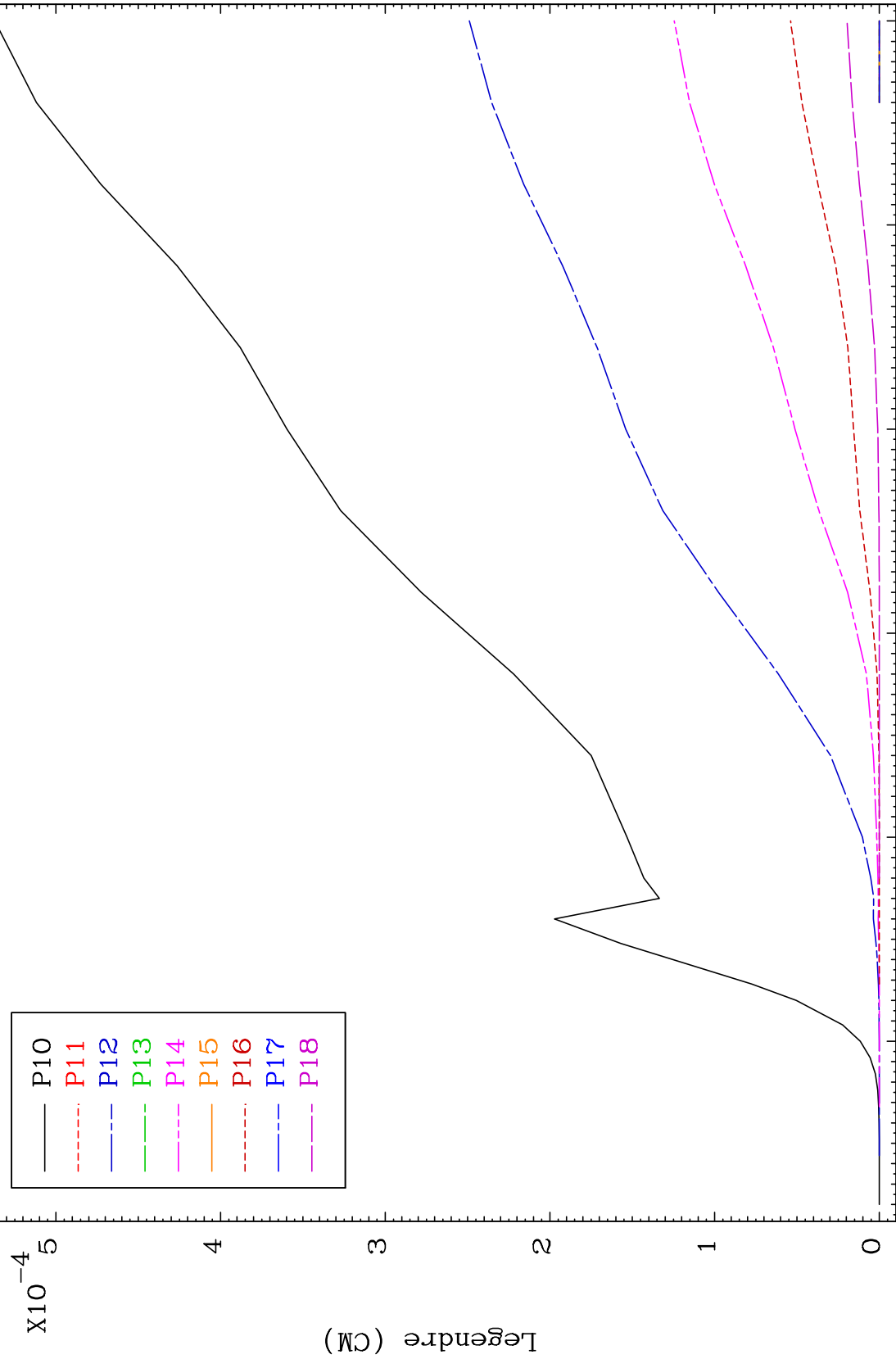
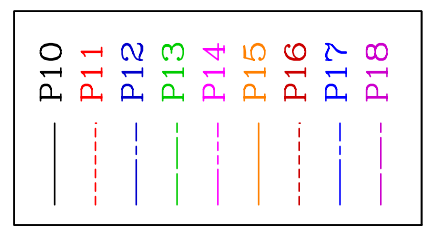




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Elastic Legendre Coefficients

60-Nd-141



17

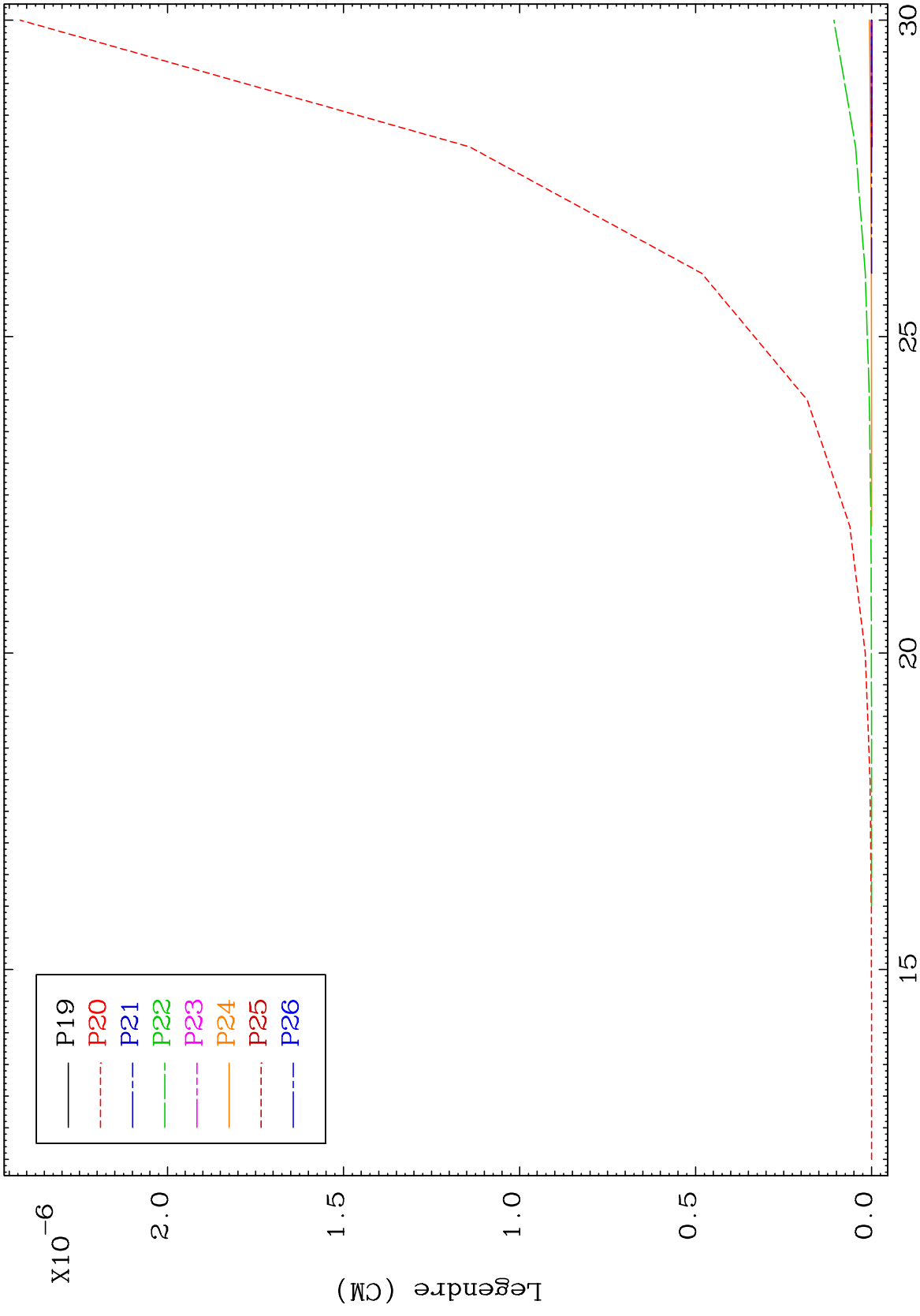
60-Nd-141

Incident Energy (MeV)

MAT 6023

Elastic Legendre Coefficients

60-Nd-141



18

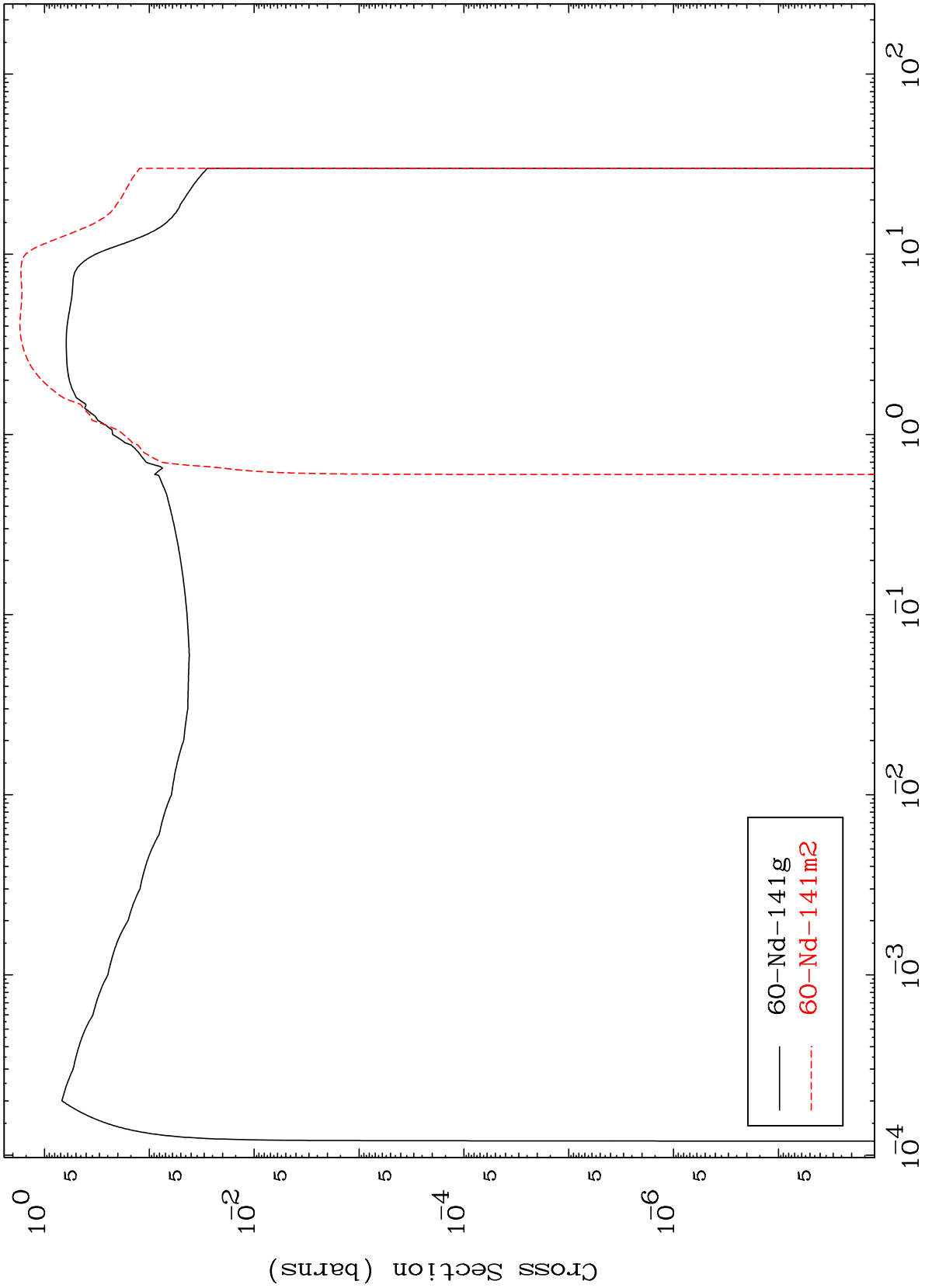
Incident Energy (MeV)

60-Nd-141

MAT 6023

60-Nd-141

Inelastic
Radionuclide Production Cross Section



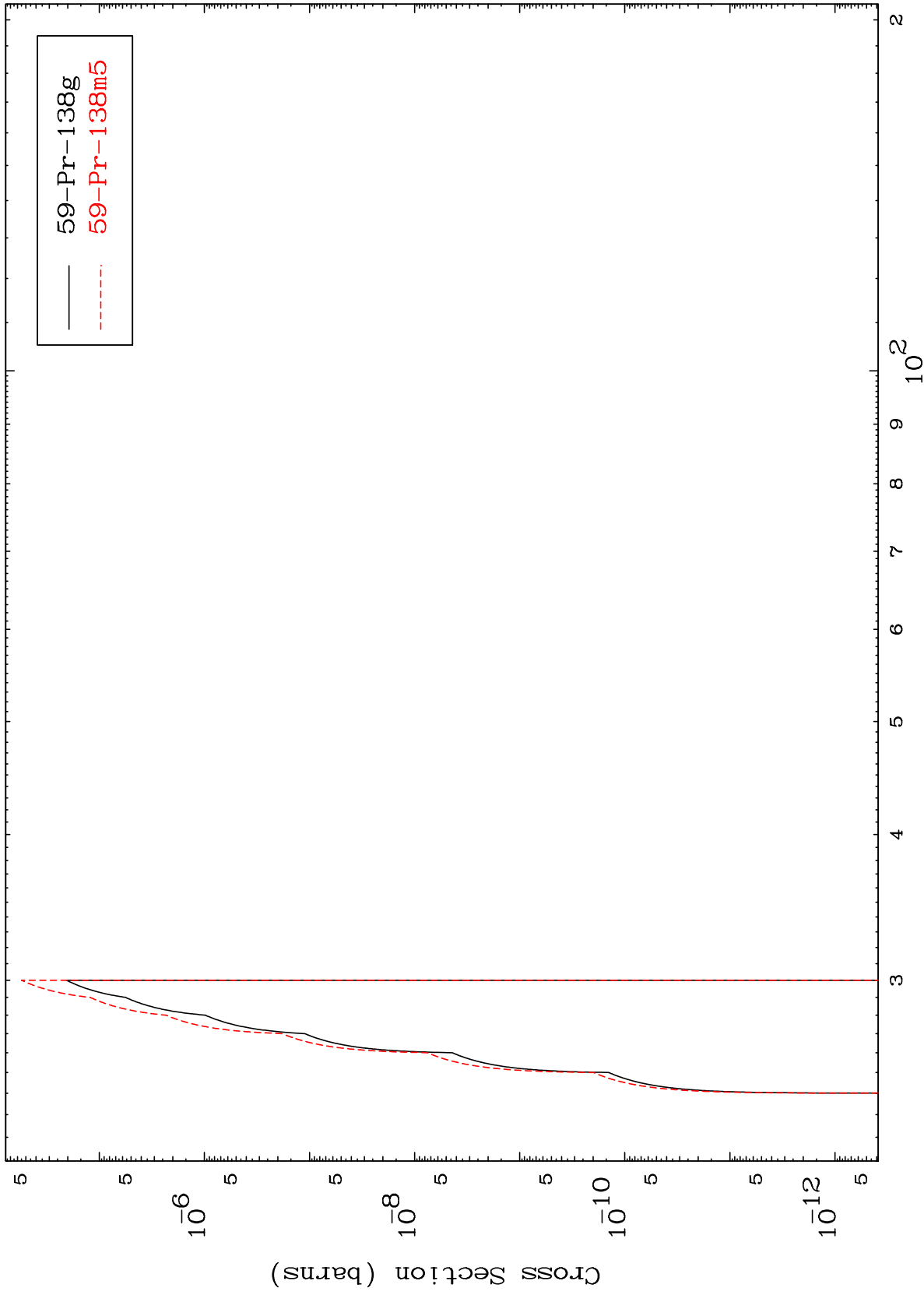
— 60-Nd-141 g
- - - 60-Nd-141 m2

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(n,2n) d

60-Nd-141

Radionuclide Production Cross Section



20

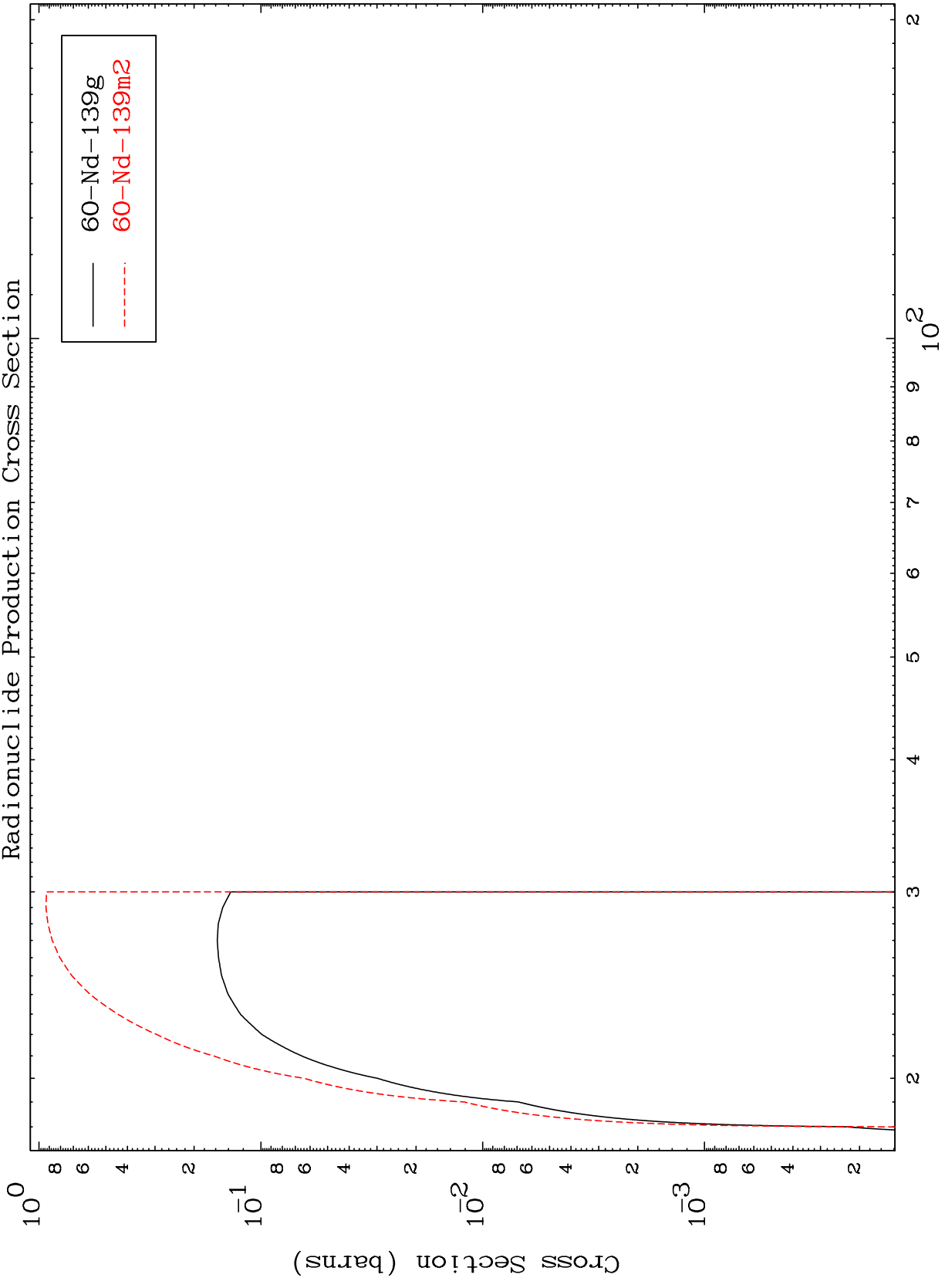
Incident Energy (MeV)

60-Nd-141

MAT 6023

60-Nd-141

(n,3n)
Radionuclide Production Cross Section



21

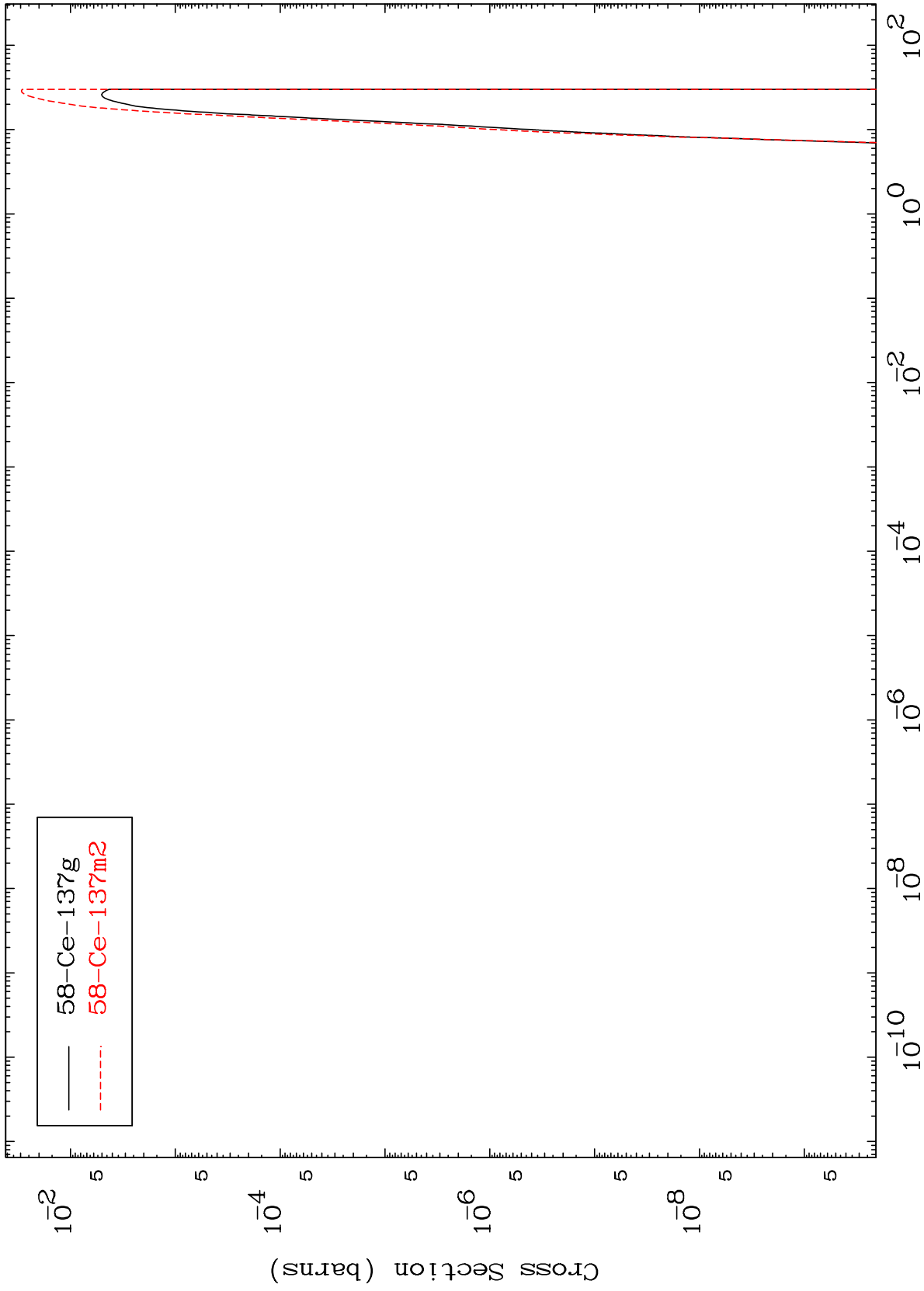
60-Nd-141

MAT 6023

(n,n') α

60-Nd-141

Radionuclide Production Cross Section



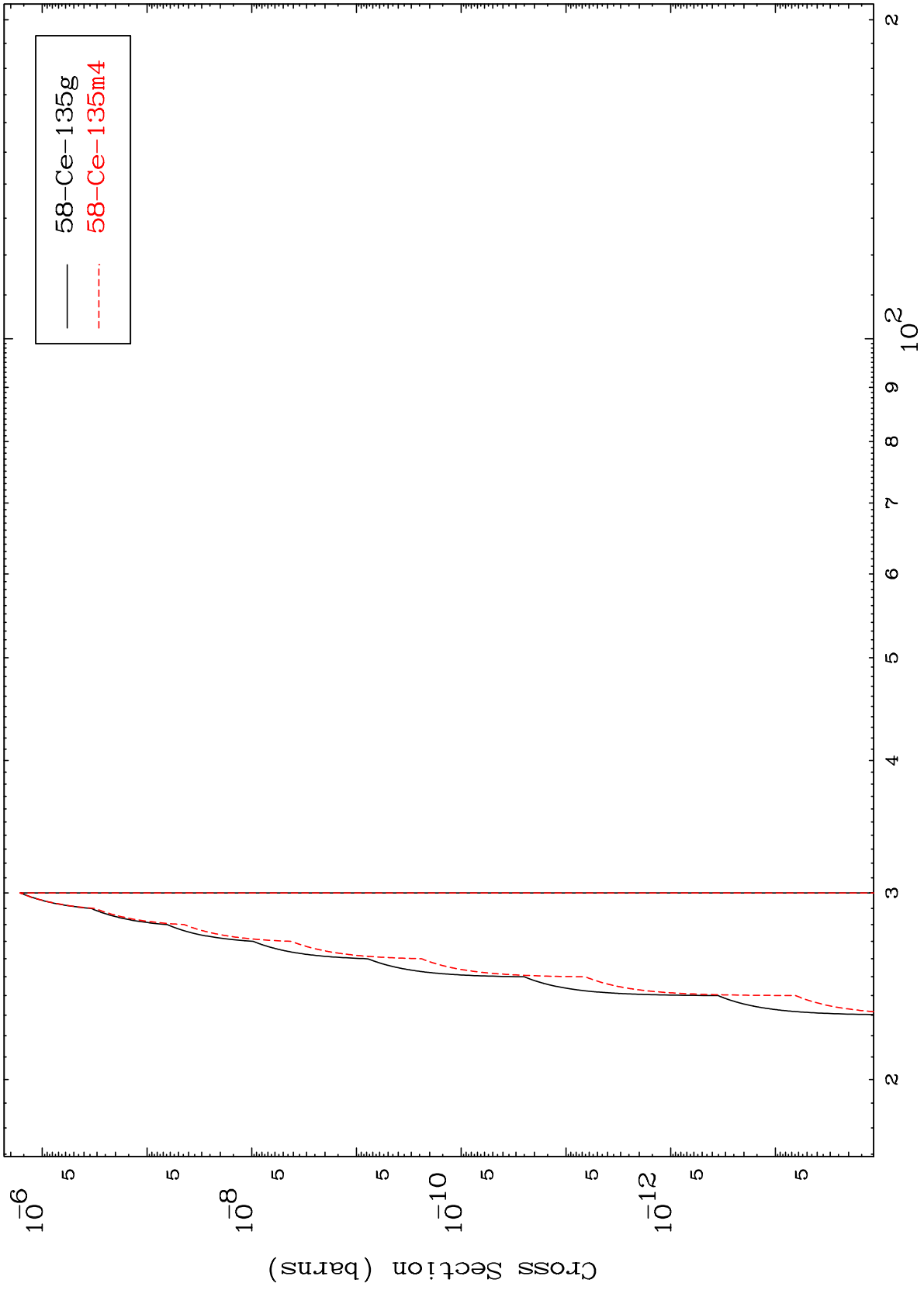
22

MAT 6023

(n,3n) α

60-Nd-141

Radionuclide Production Cross Section



23

Incident Energy (MeV)

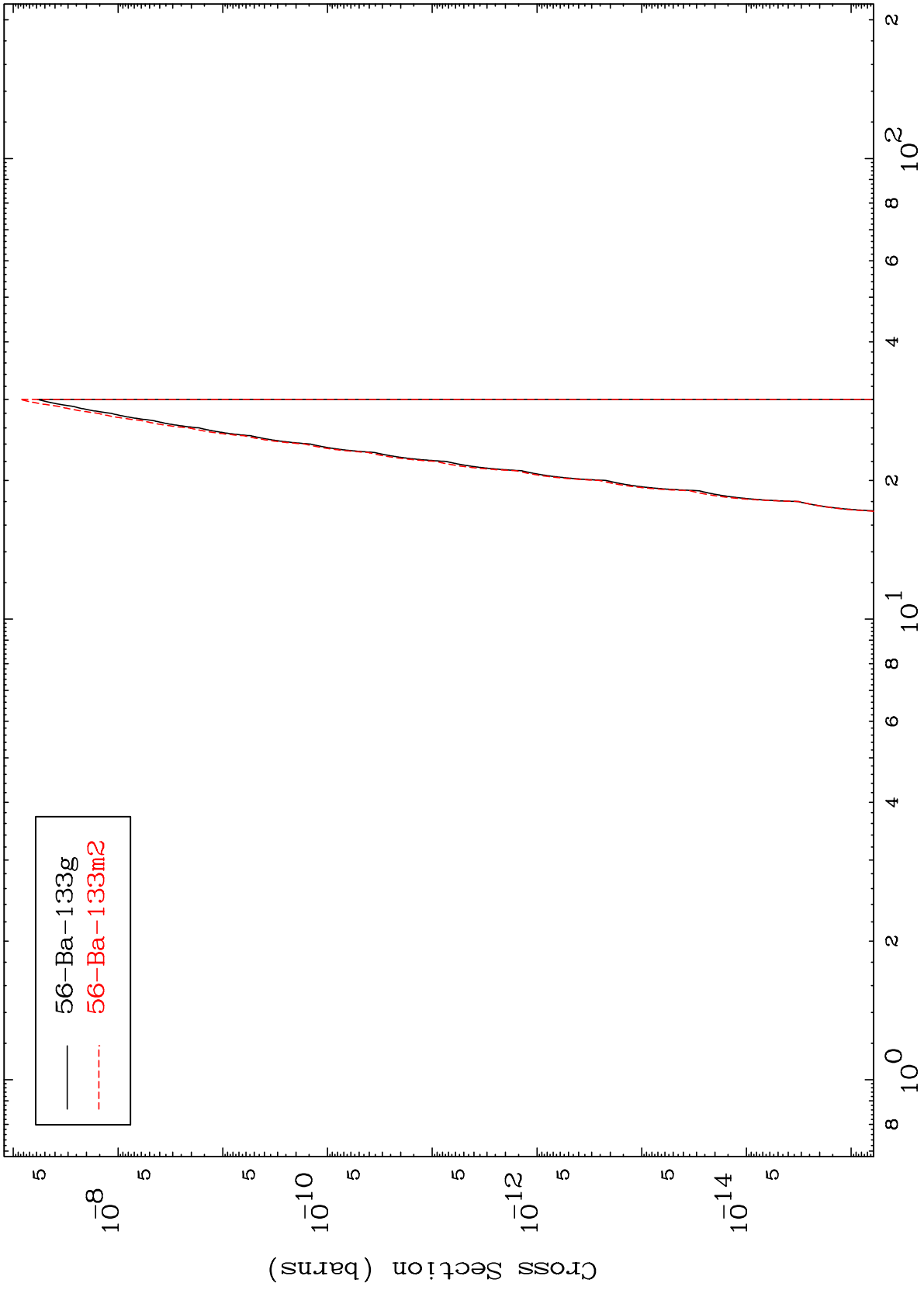
60-Nd-141

MAT 6023

(n,n') 2α

60-Nd-141

Radionuclide Production Cross Section



24

Incident Energy (MeV)

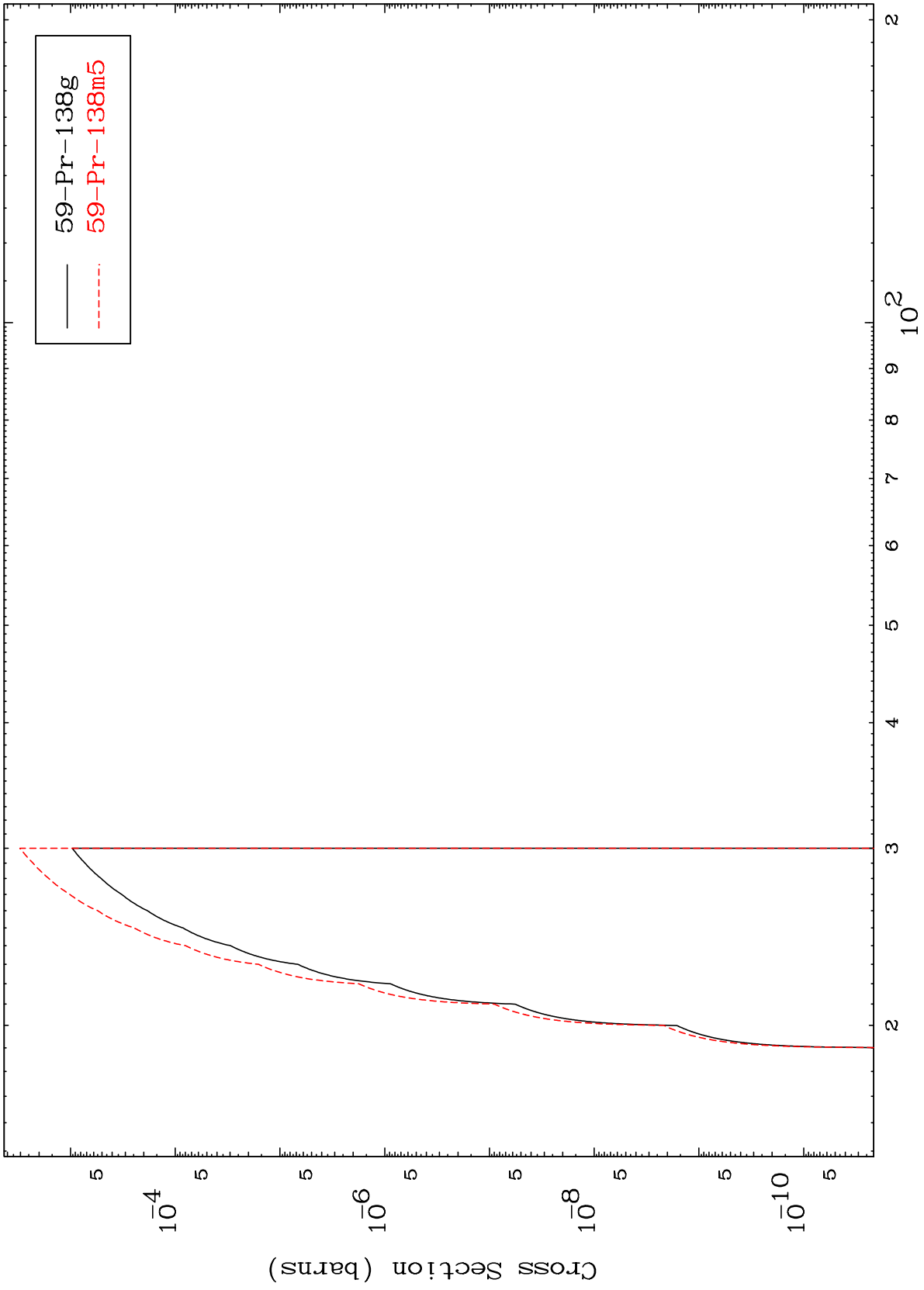
60-Nd-141

MAT 6023

(n,n') t

60-Nd-141

Radionuclide Production Cross Section



25

Incident Energy (MeV)

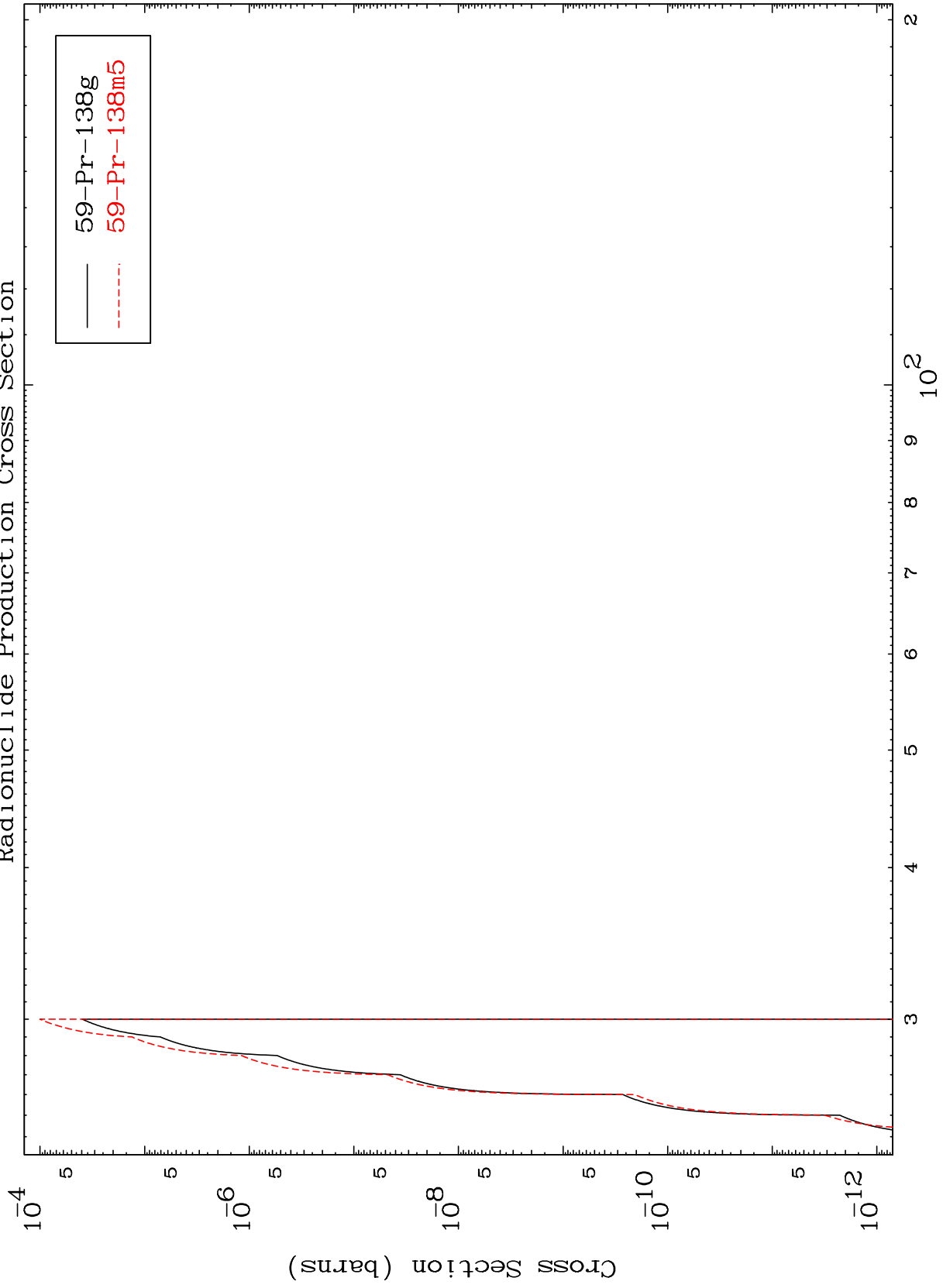
60-Nd-141

MAT 6023

(n,3n) p

⁶⁰Nd-141

Radionuclide Production Cross Section



26

Incident Energy (MeV)

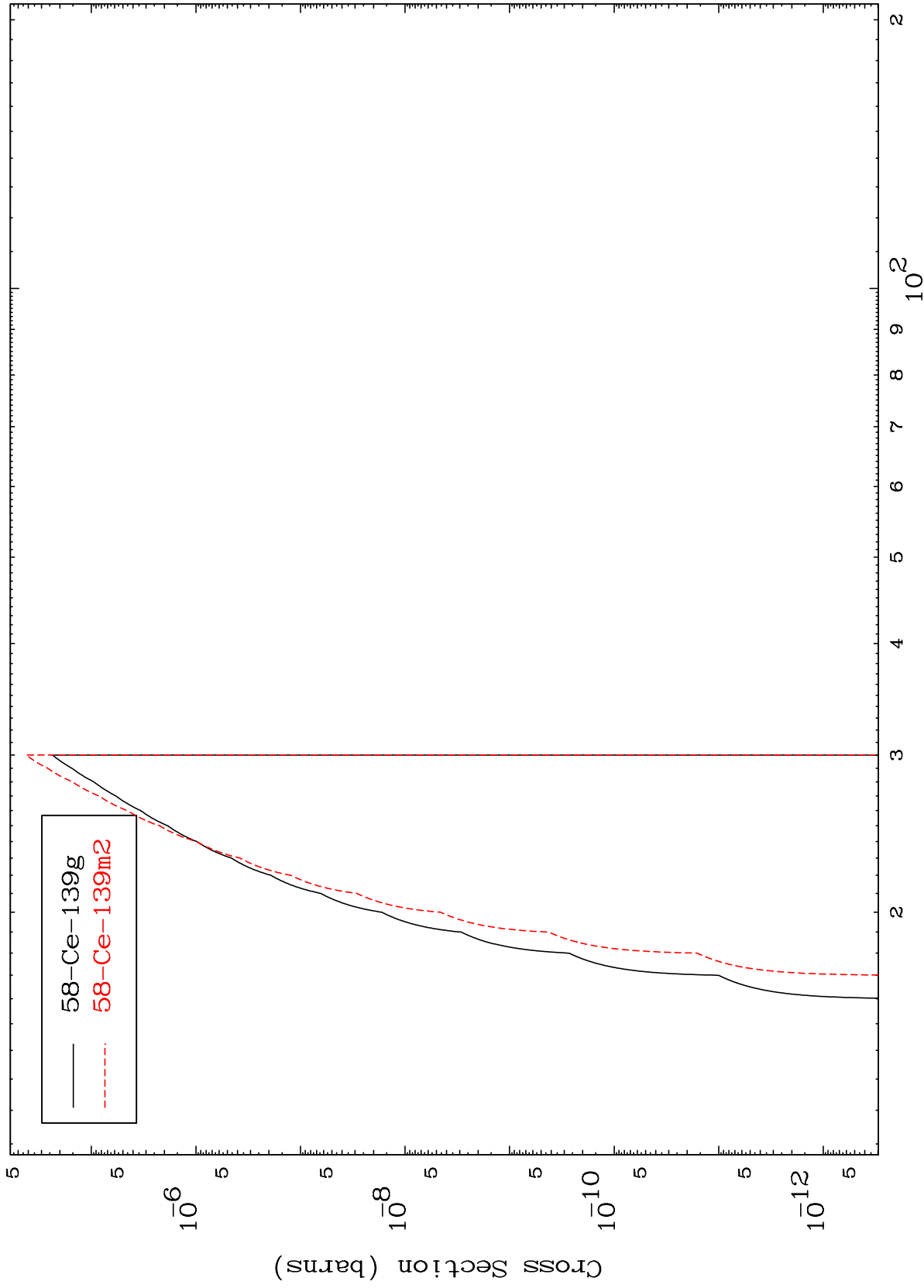
⁶⁰Nd-141

MAT 6023

(n,2n) p

60-Nd-141

Radionuclide Production Cross Section



27

Incident Energy (MeV)

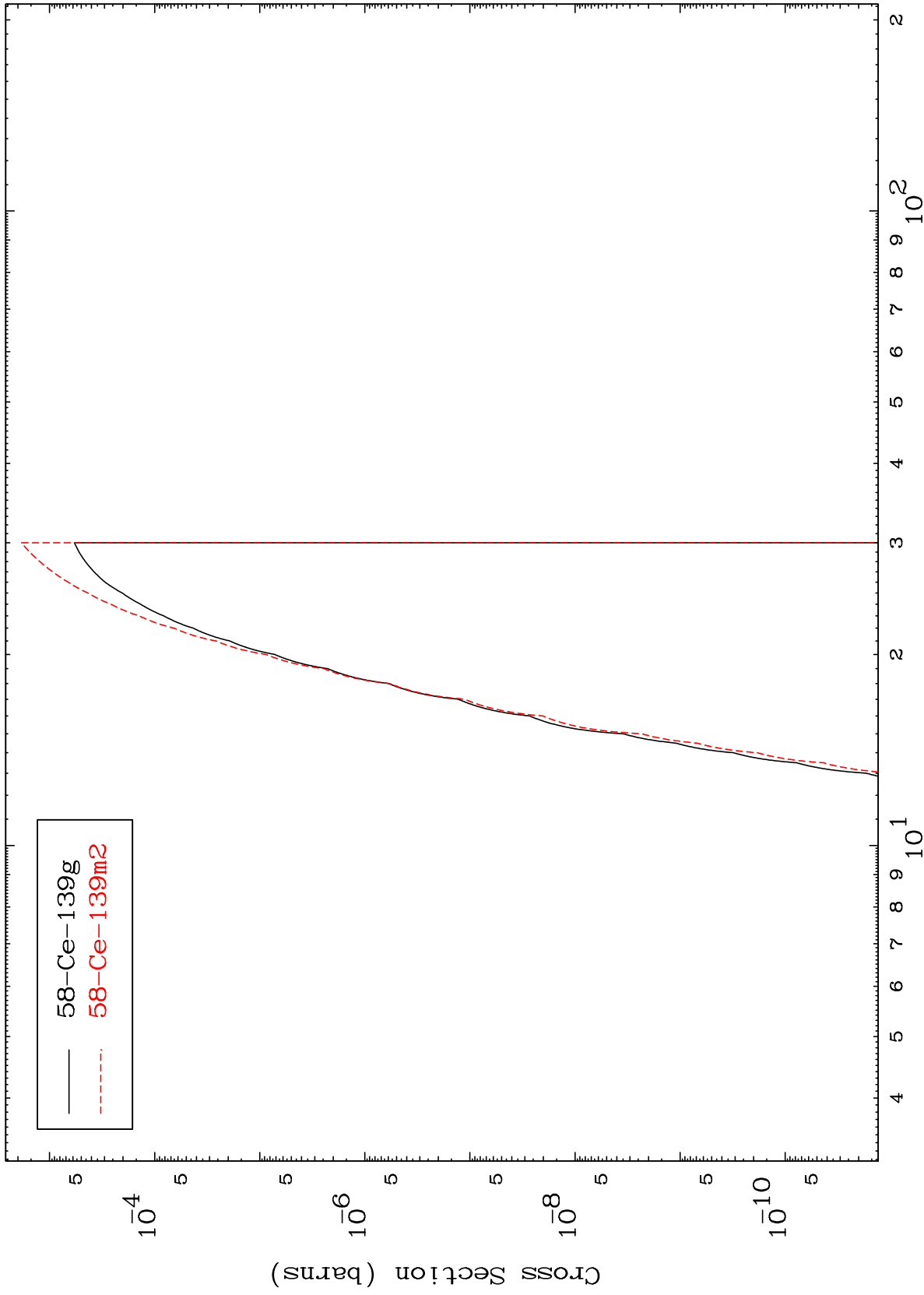
60-Nd-141

MAT 6023

(n, He-3)

60-Nd-141

Radionuclide Production Cross Section



28

Incident Energy (MeV)

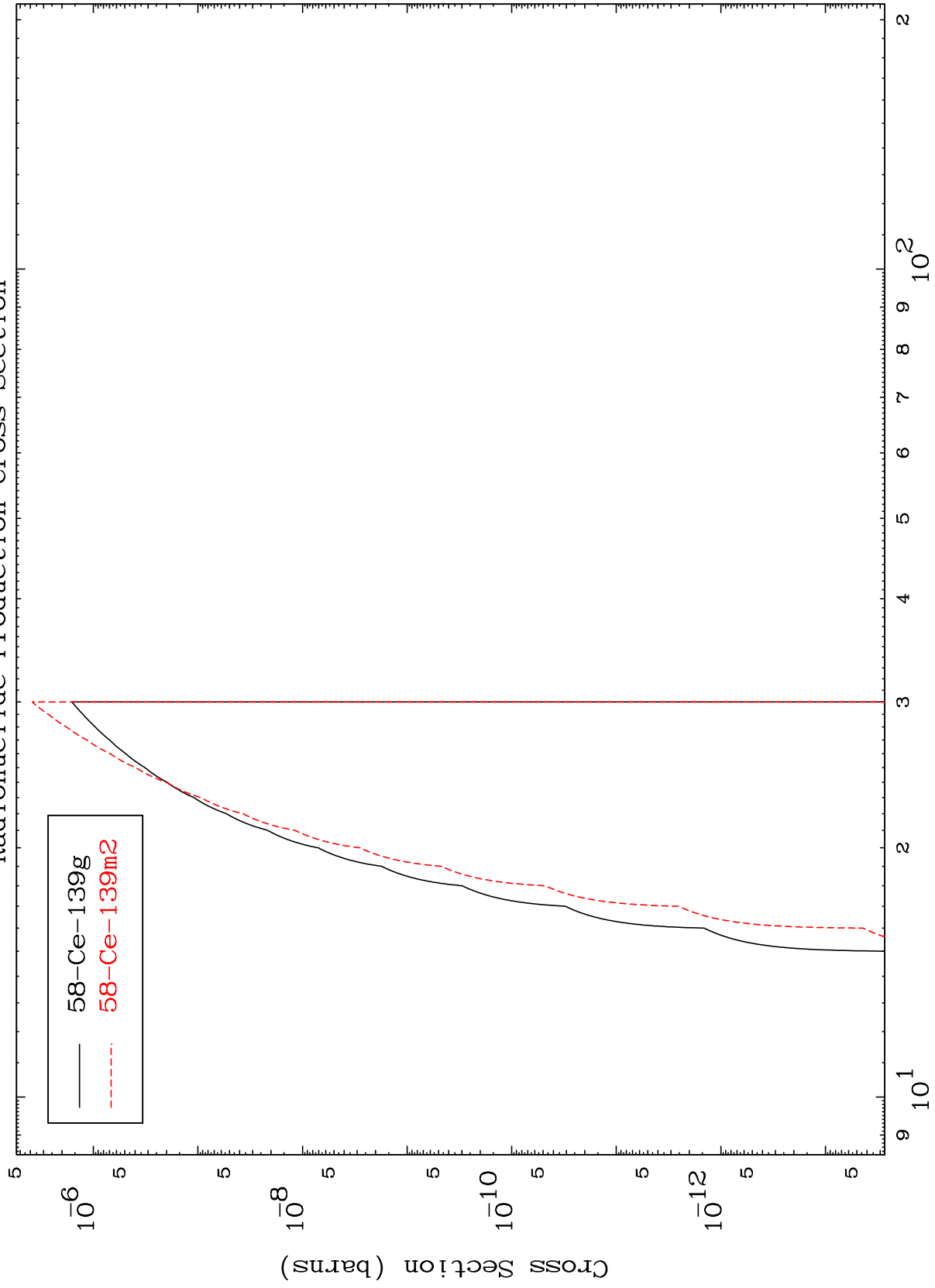
60-Nd-141

MAT 6023

(n,p) d

60-Nd-141

Radionuclide Production Cross Section



58-Ce-139g
58-Ce-139m2

29

Incident Energy (MeV)

60-Nd-141