

Program EVALPLOT
(Version 2018-1)

by

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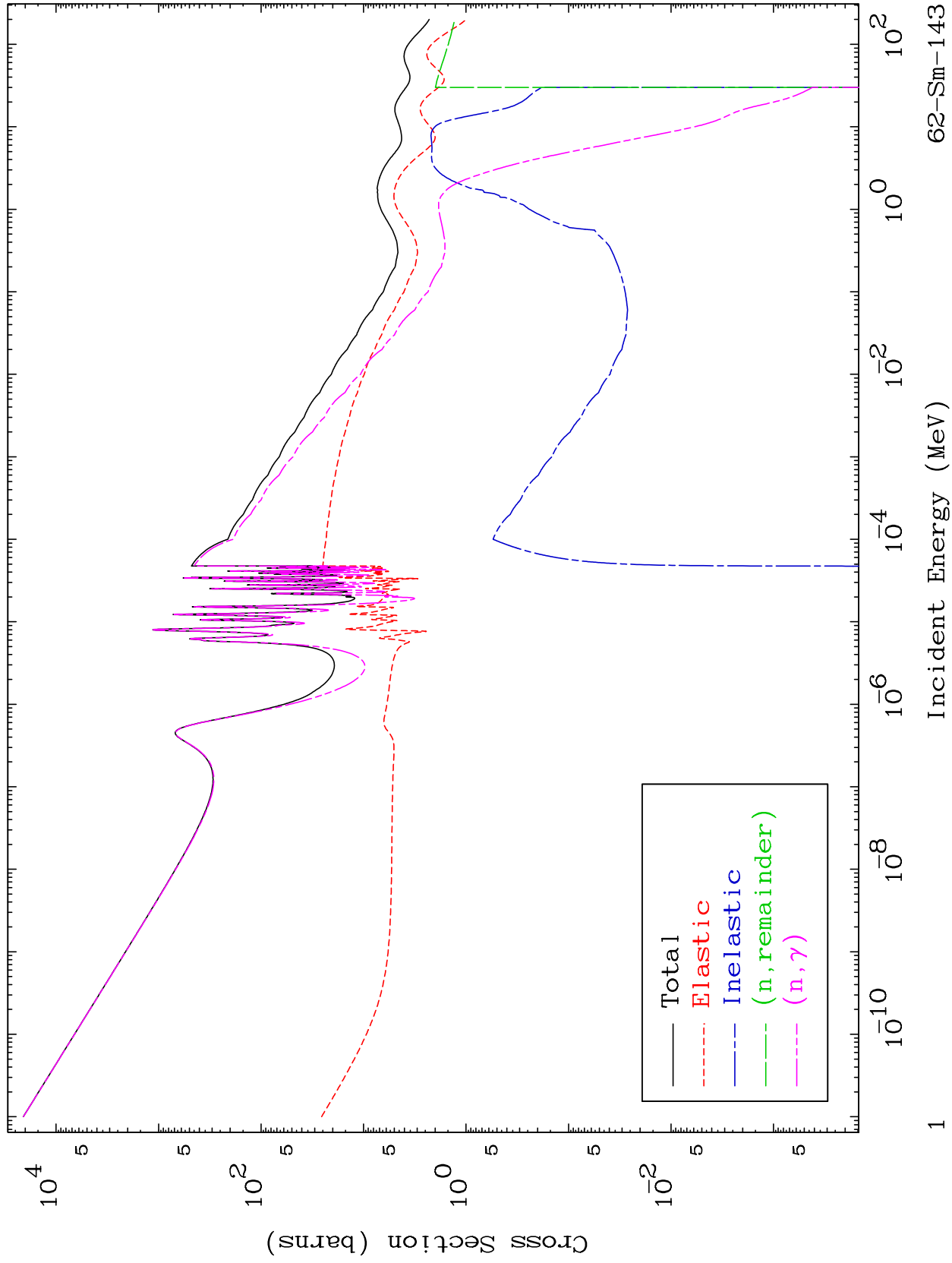
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6223

Major
293 Kelvin Cross Sections

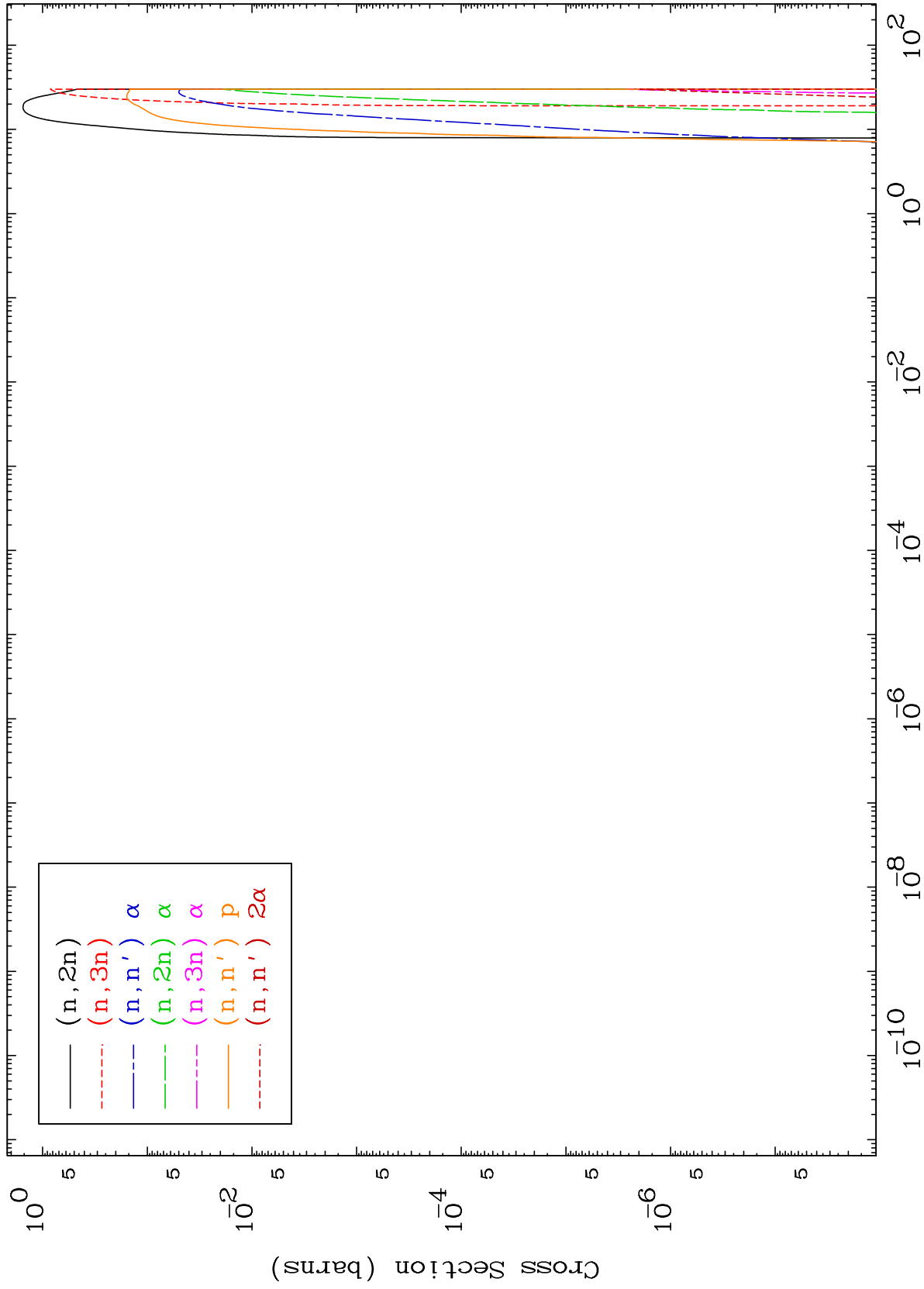
62-Sm-143



MAT 6223

Neutron Production
293 Kelvin Cross Sections

62-Sm-143



2

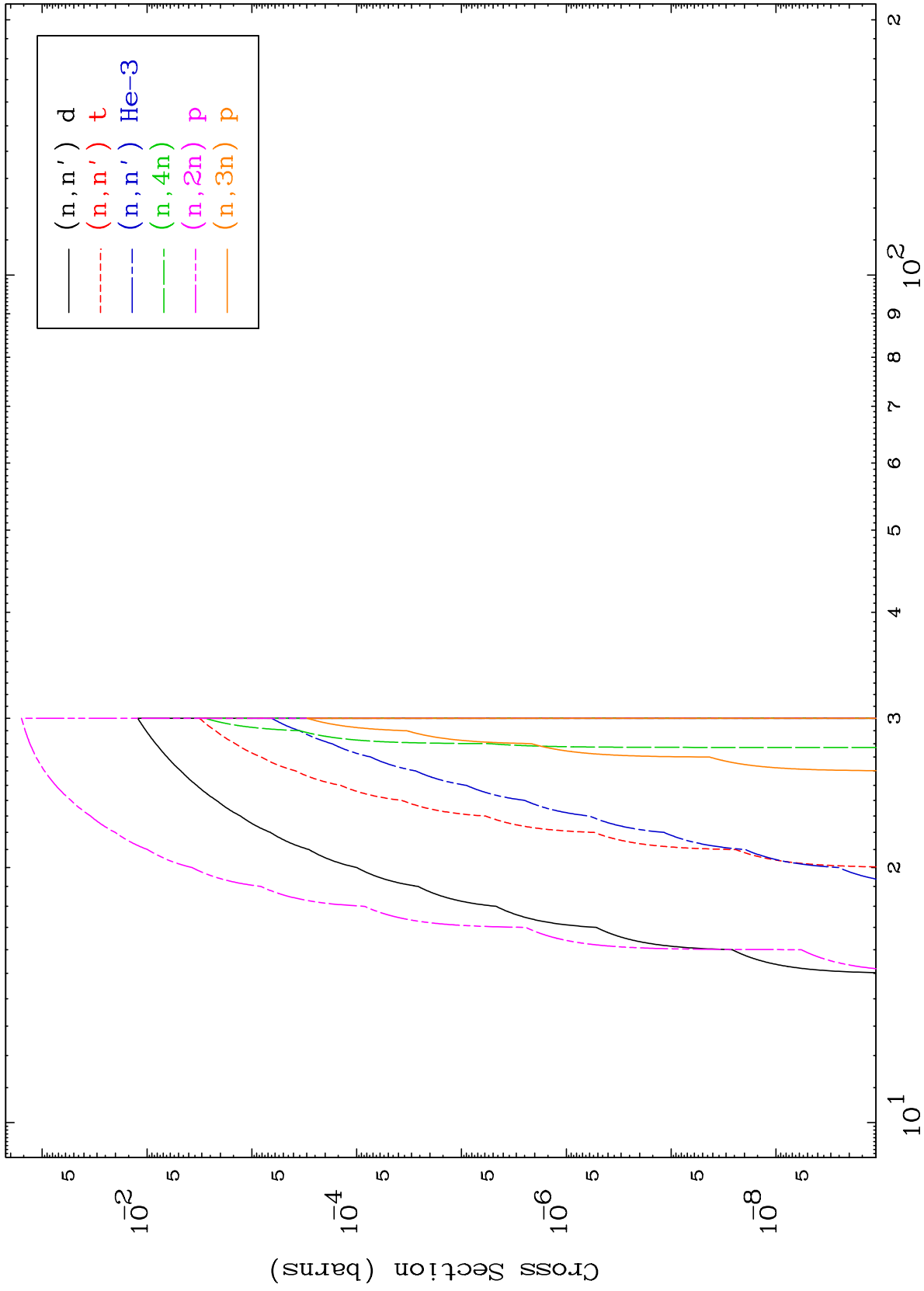
Incident Energy (MeV)

62-Sm-143

MAT 6223

Neutron Production 293 Kelvin Cross Sections

62-Sm-143



3

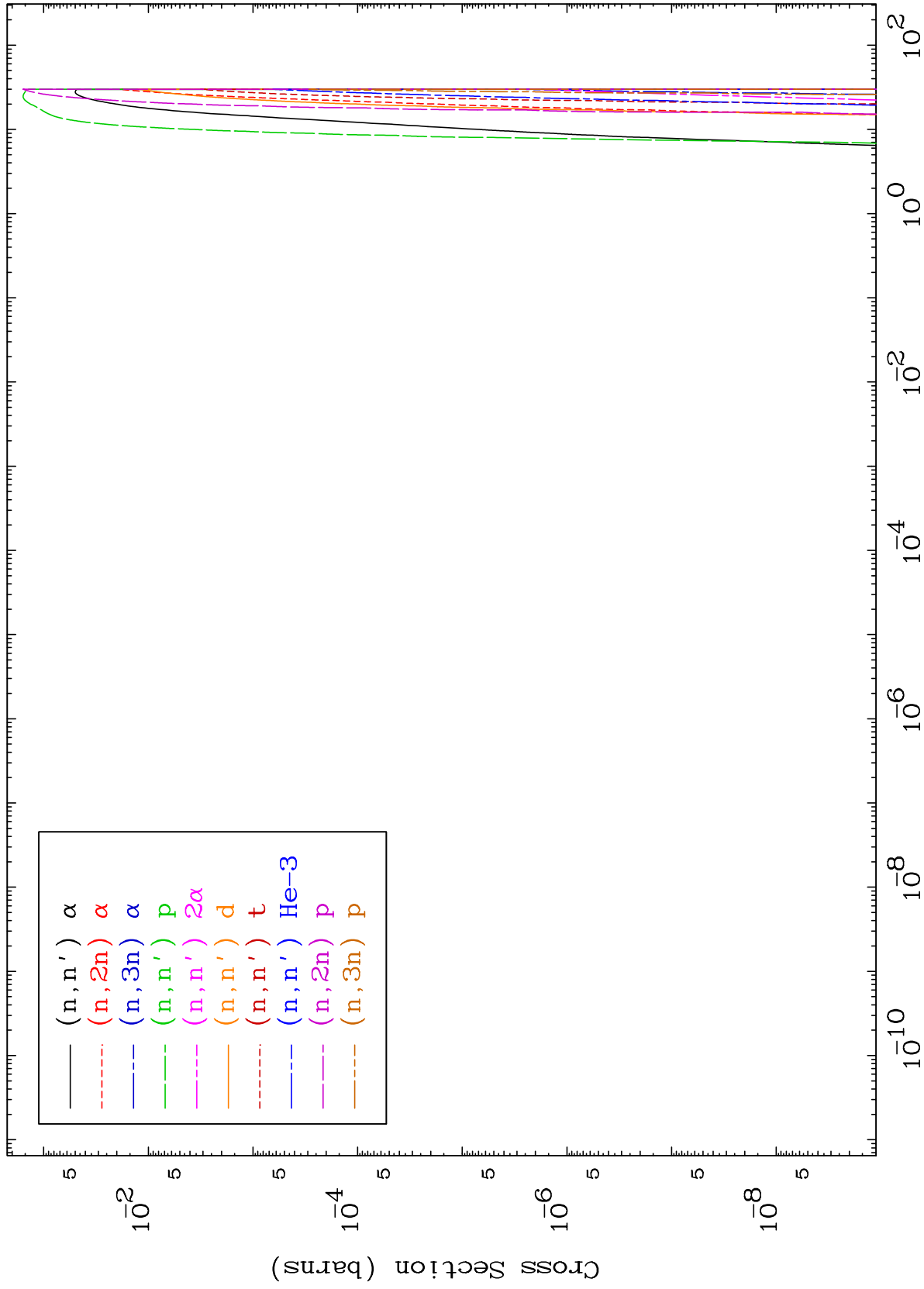
Incident Energy (MeV)

62-Sm-143

MAT 6223

293 Kelvin Cross Sections

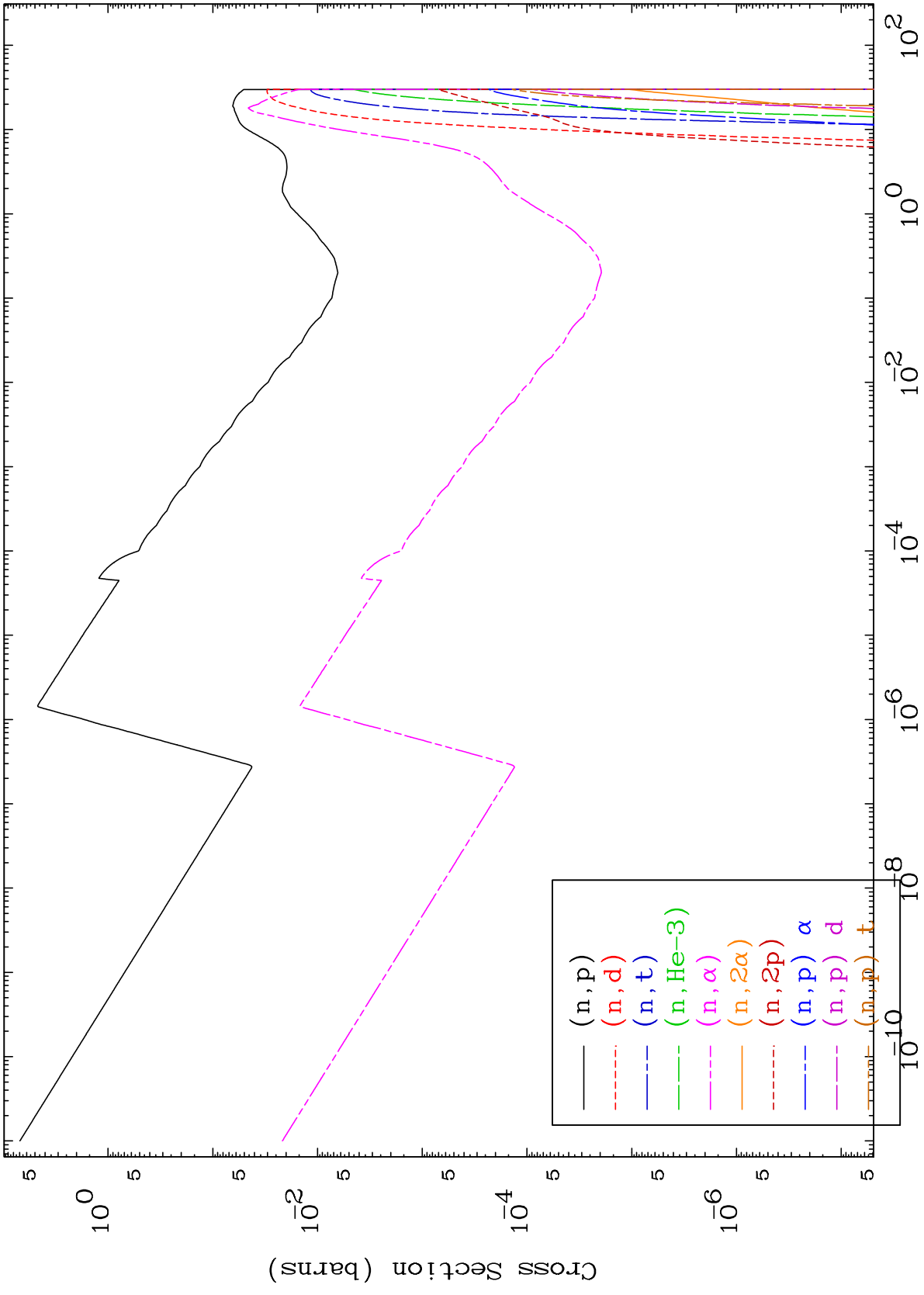
62-Sm-143



MAT 6223

Charged Particle
293 Kelvin Cross Sections

62-Sm-143



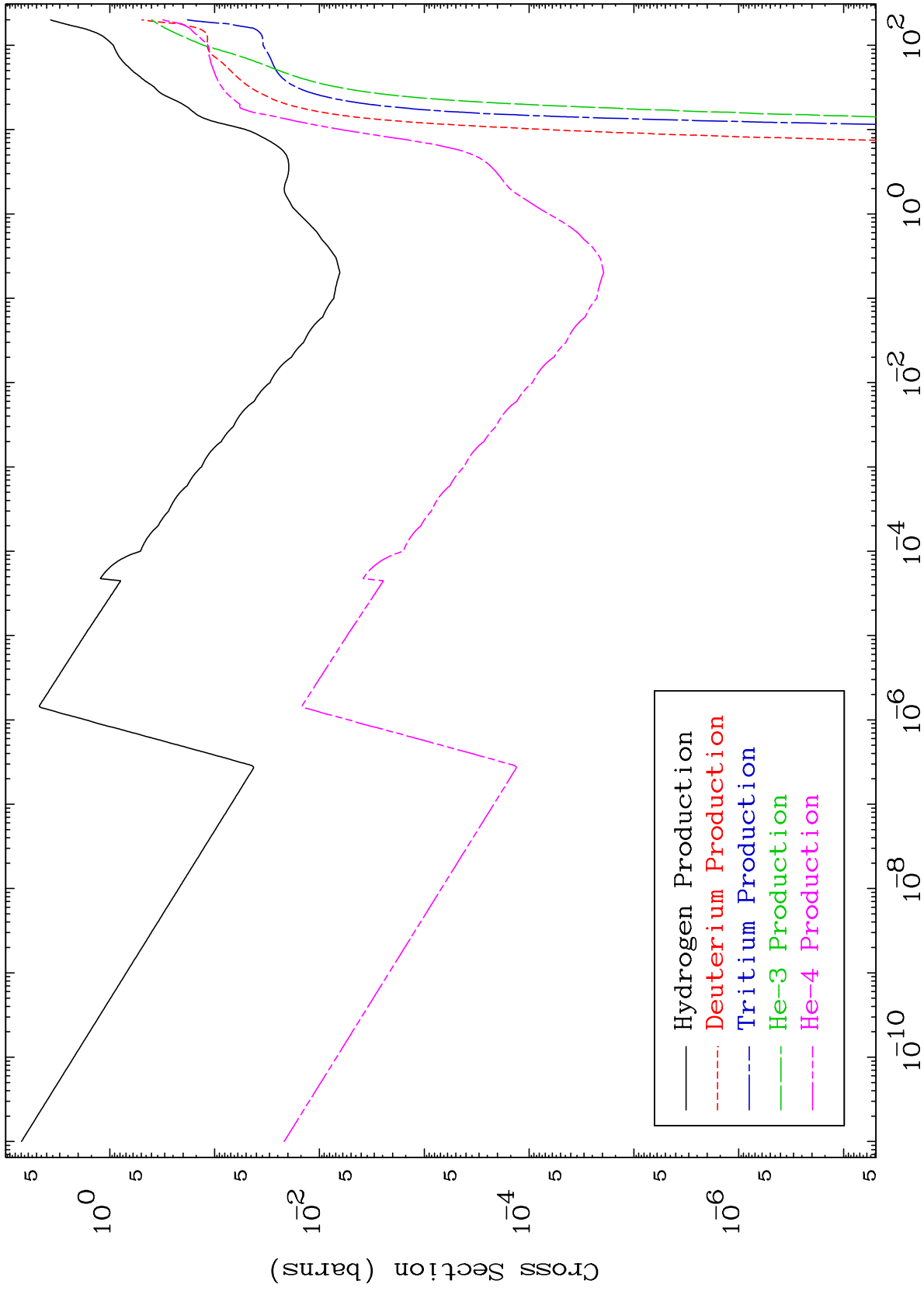
5

62-Sm-143

MAT 6223

Particle Production
293 Kelvin Cross Sections

62-Sm-143



6

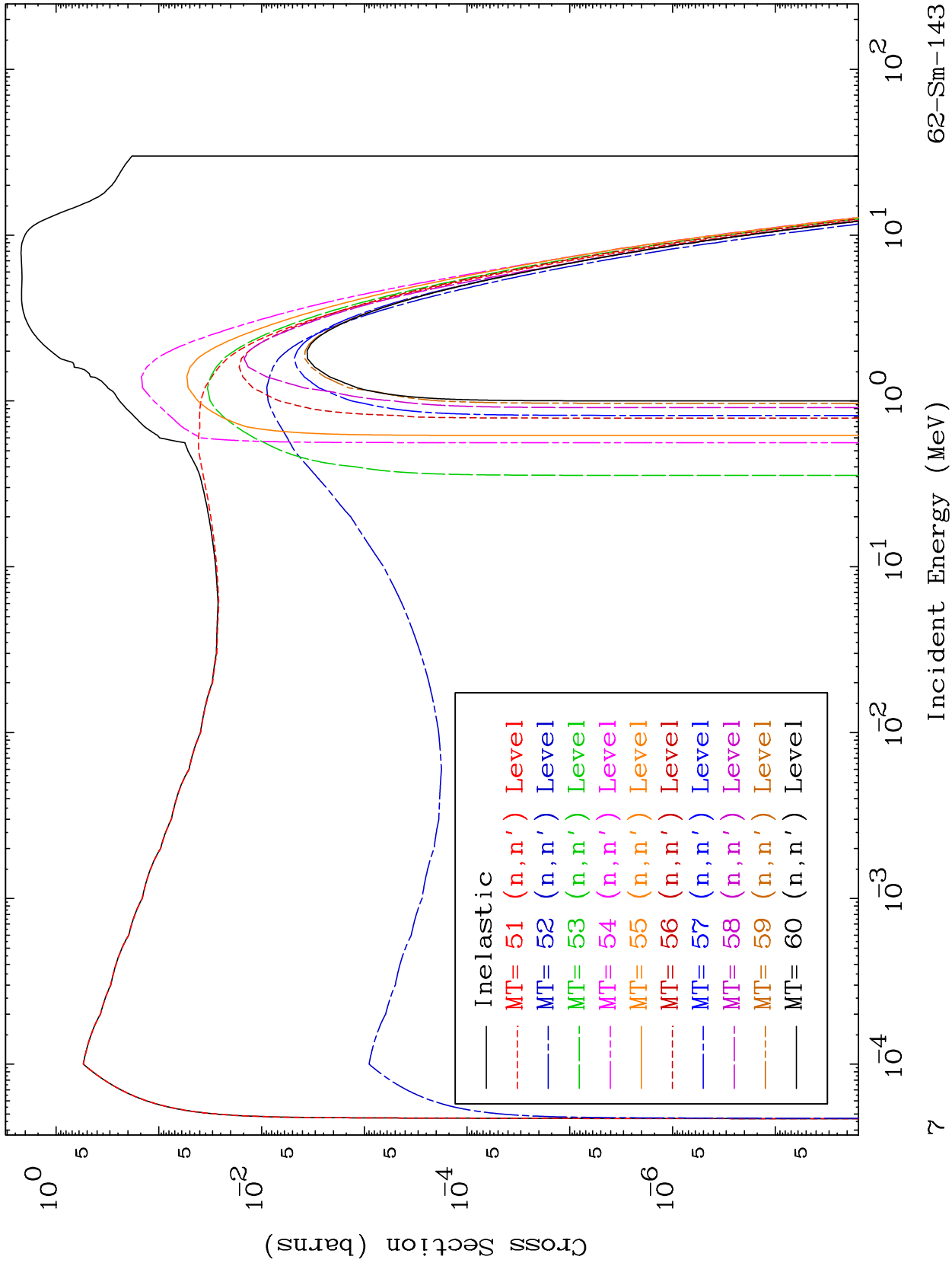
Incident Energy (MeV)

62-Sm-143

MAT 6223

(n,n') Level
293 Kelvin Cross Sections

62-Sm-143

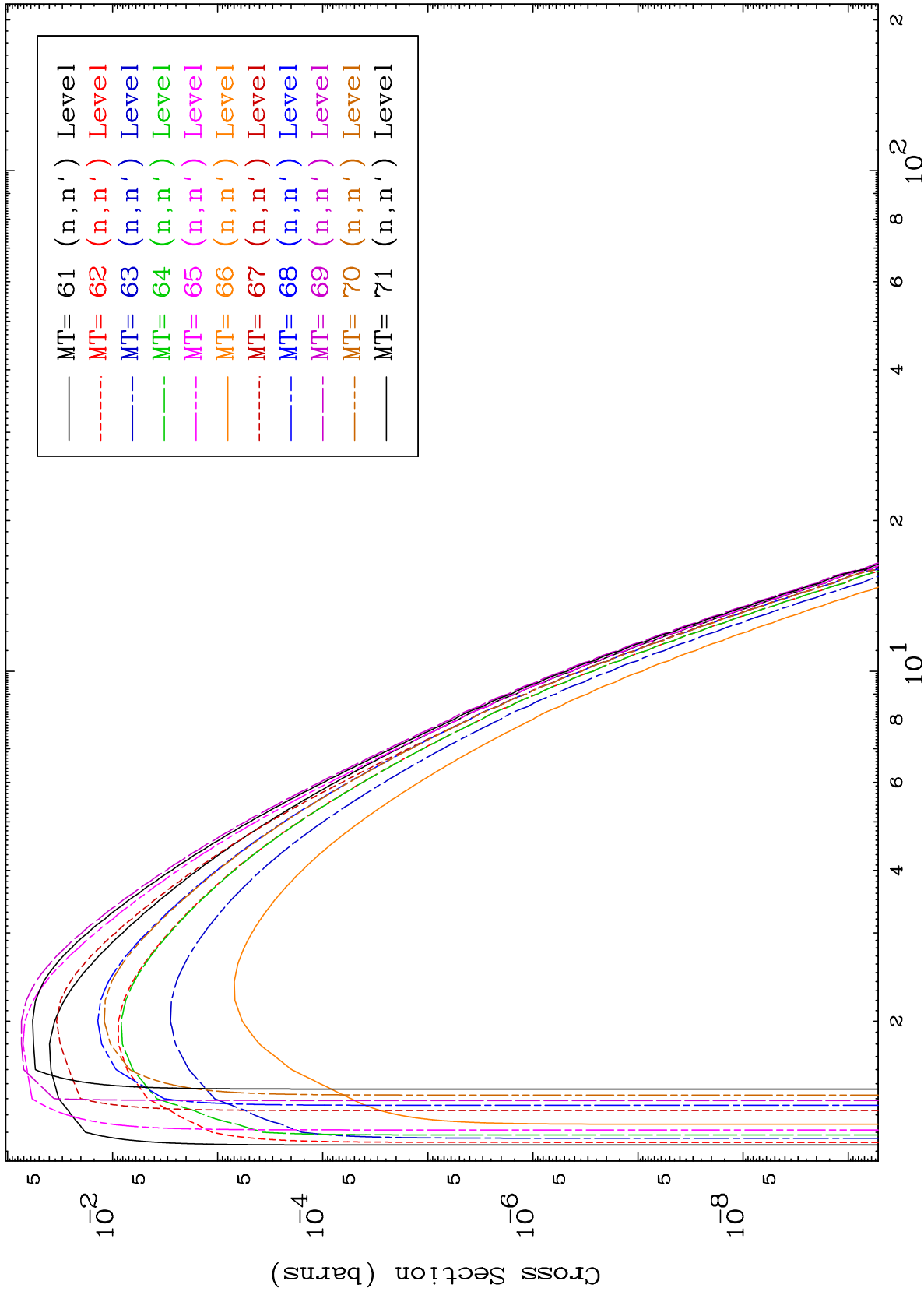


MAT 6223

(n,n') Level

62-Sm-143

293 Kelvin Cross Sections



8

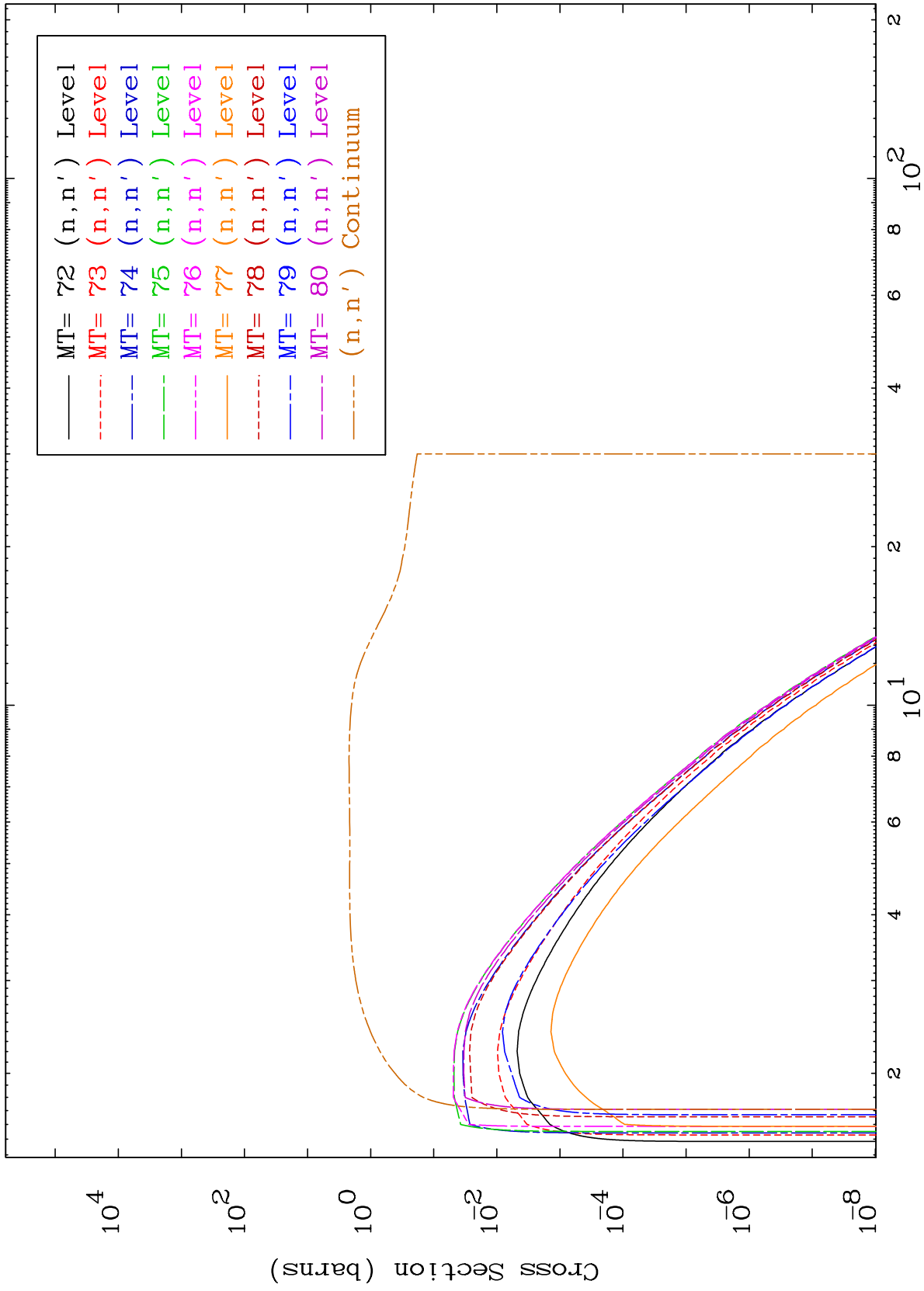
Incident Energy (MeV)

62-Sm-143

MAT 6223

(n,n') Level
293 Kelvin Cross Sections

62-Sm-143



9

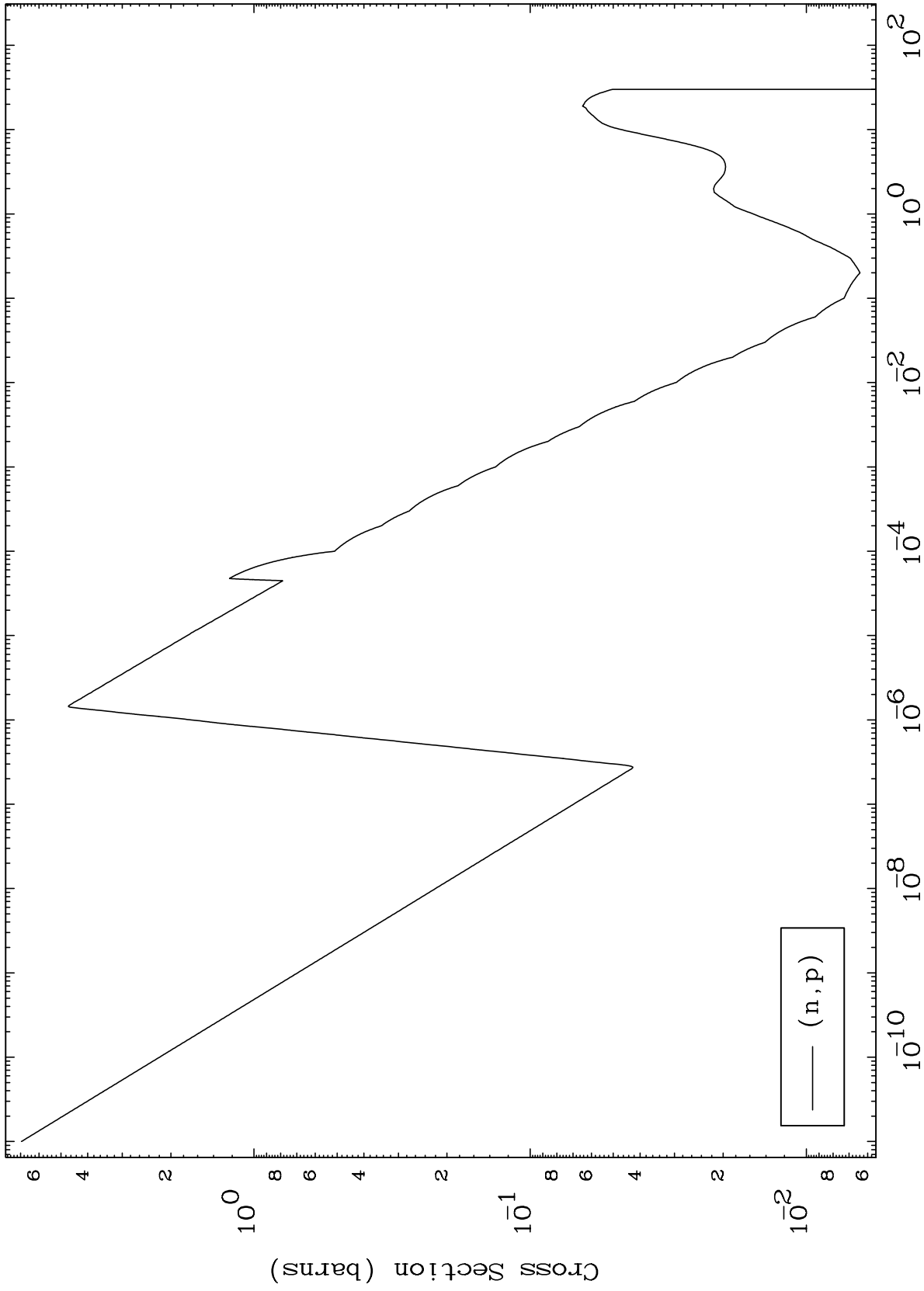
Incident Energy (MeV)

62-Sm-143

MAT 6223

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-143



10

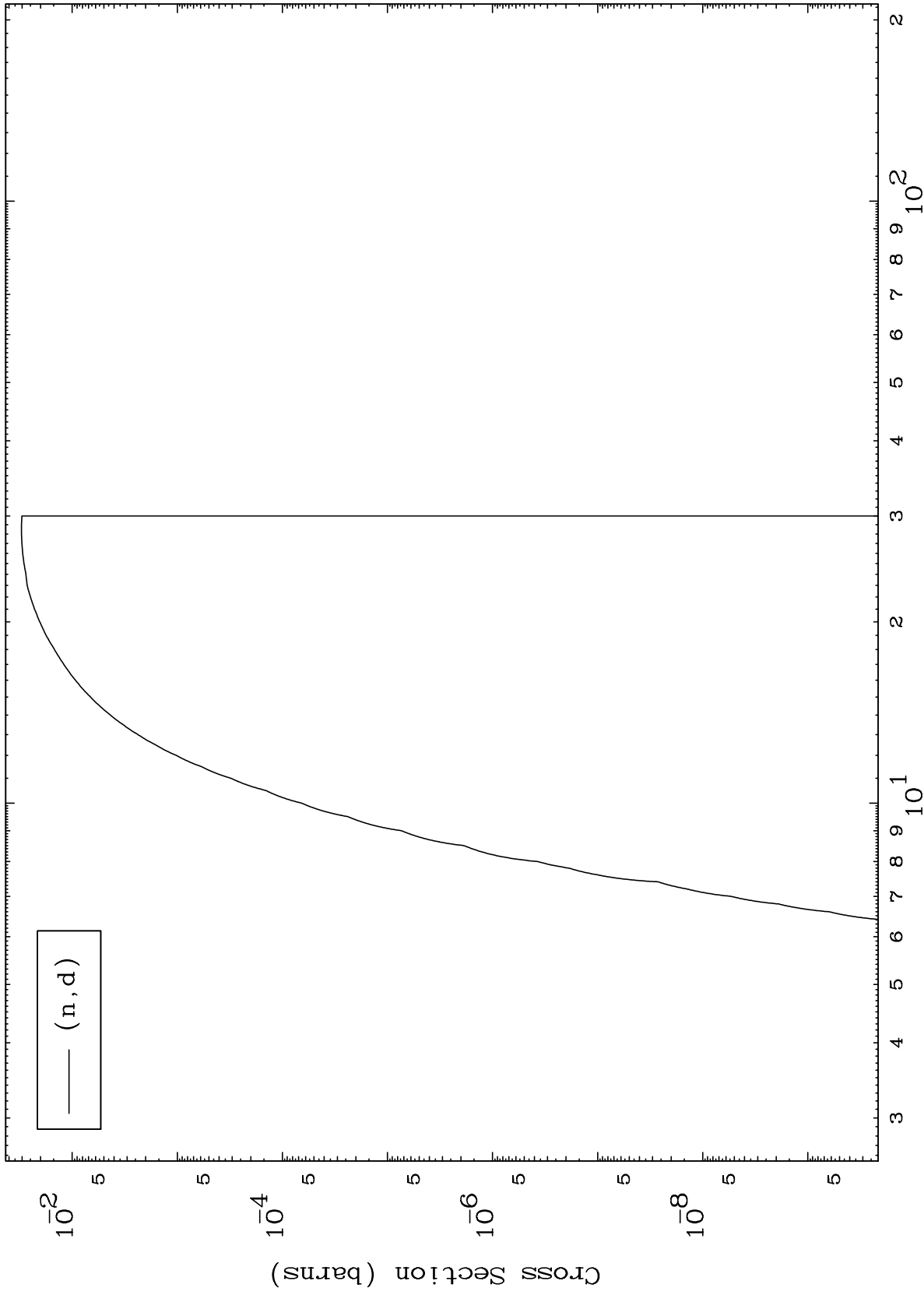
Incident Energy (MeV)

62-Sm-143

MAT 6223

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-143



11

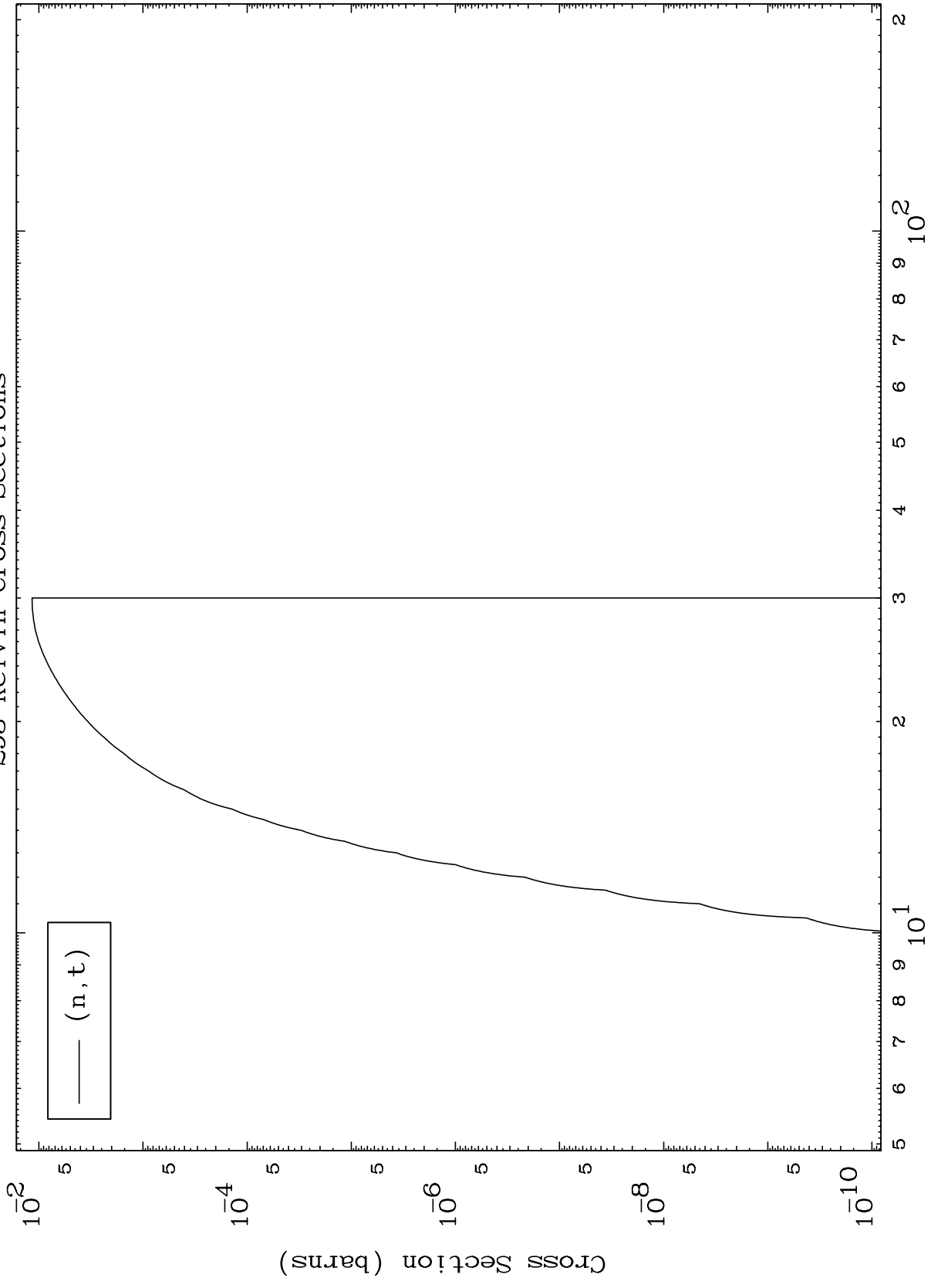
Incident Energy (MeV)

62-Sm-143

MAT 6223

62-Sm-143

(n,t) Levels
293 Kelvin Cross Sections



12

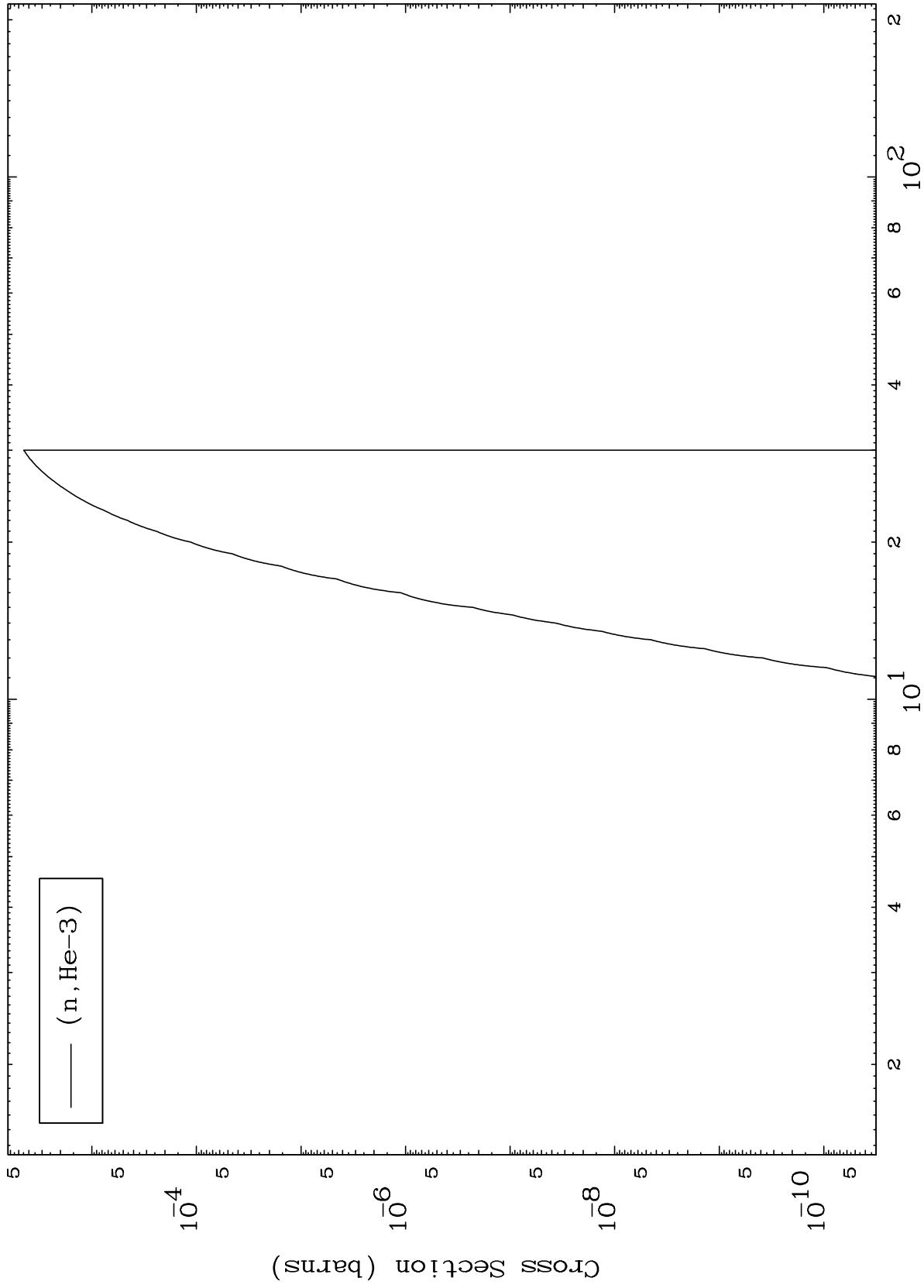
Incident Energy (MeV)

62-Sm-143

MAT 6223

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-143



13

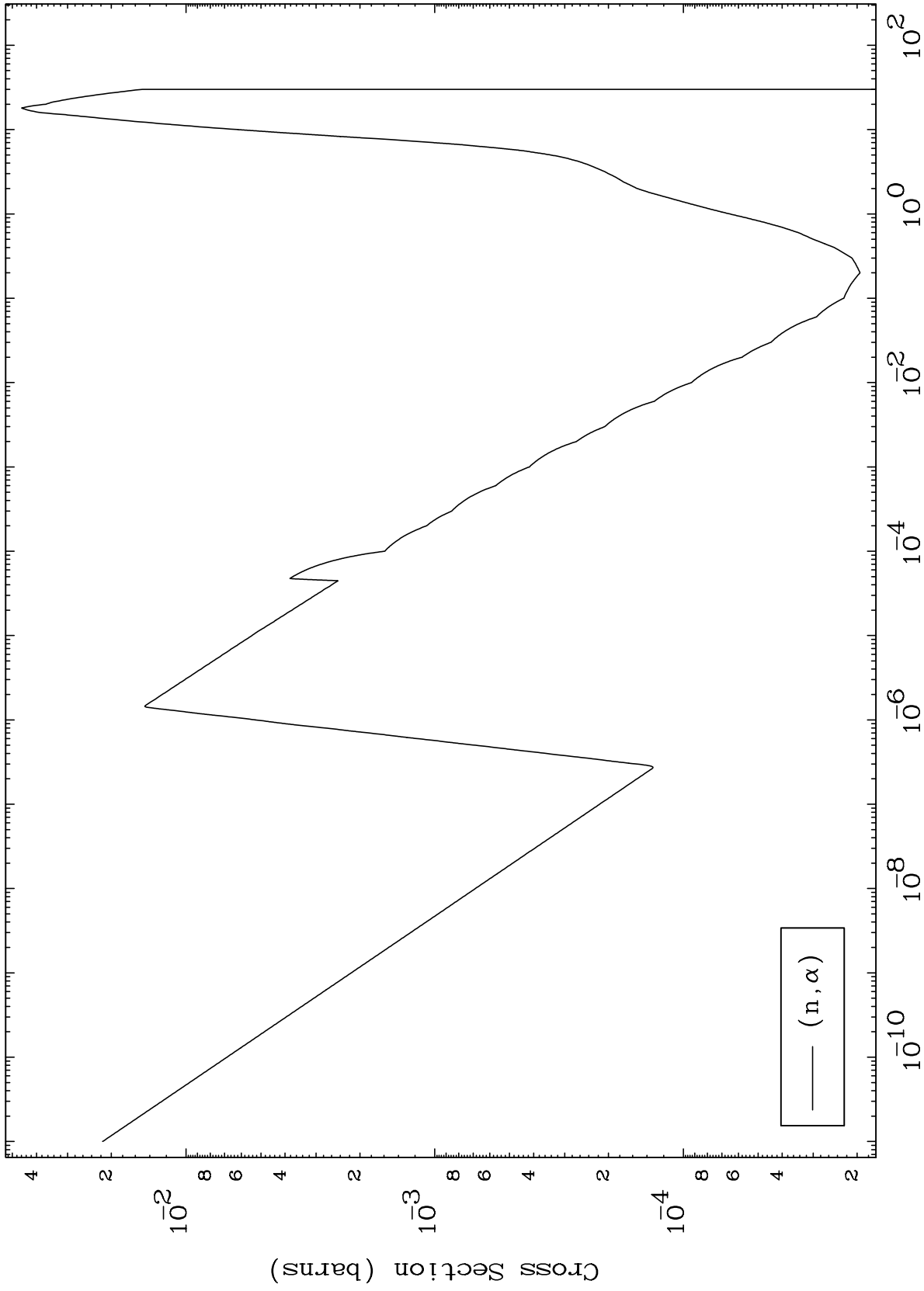
Incident Energy (MeV)

62-Sm-143

MAT 6223

(n,α) Levels
293 Kelvin Cross Sections

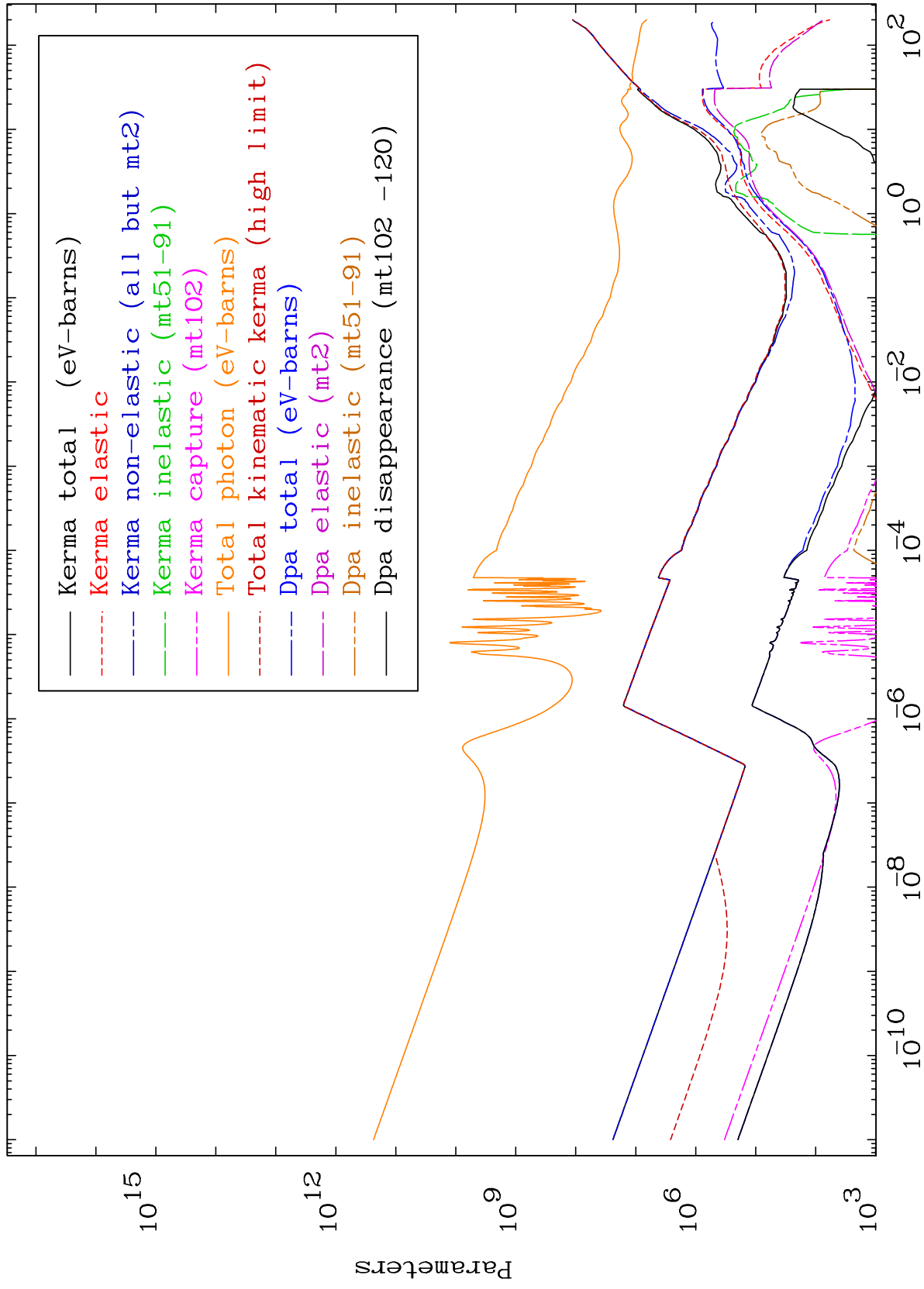
62-Sm-143



14

Incident Energy (MeV)

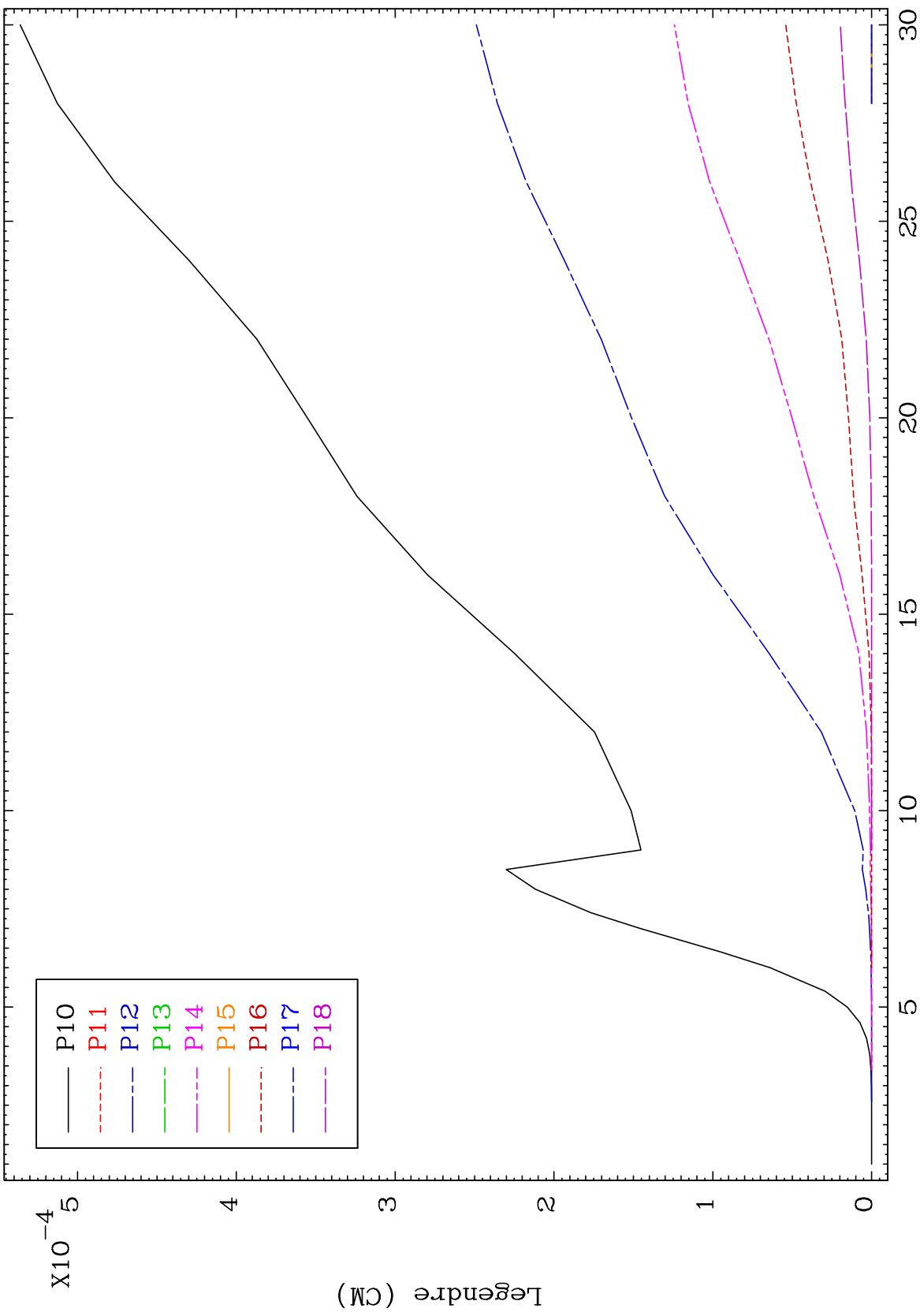
62-Sm-143



MAT 6223

Elastic Legendre Coefficients

62-Sm-143



17

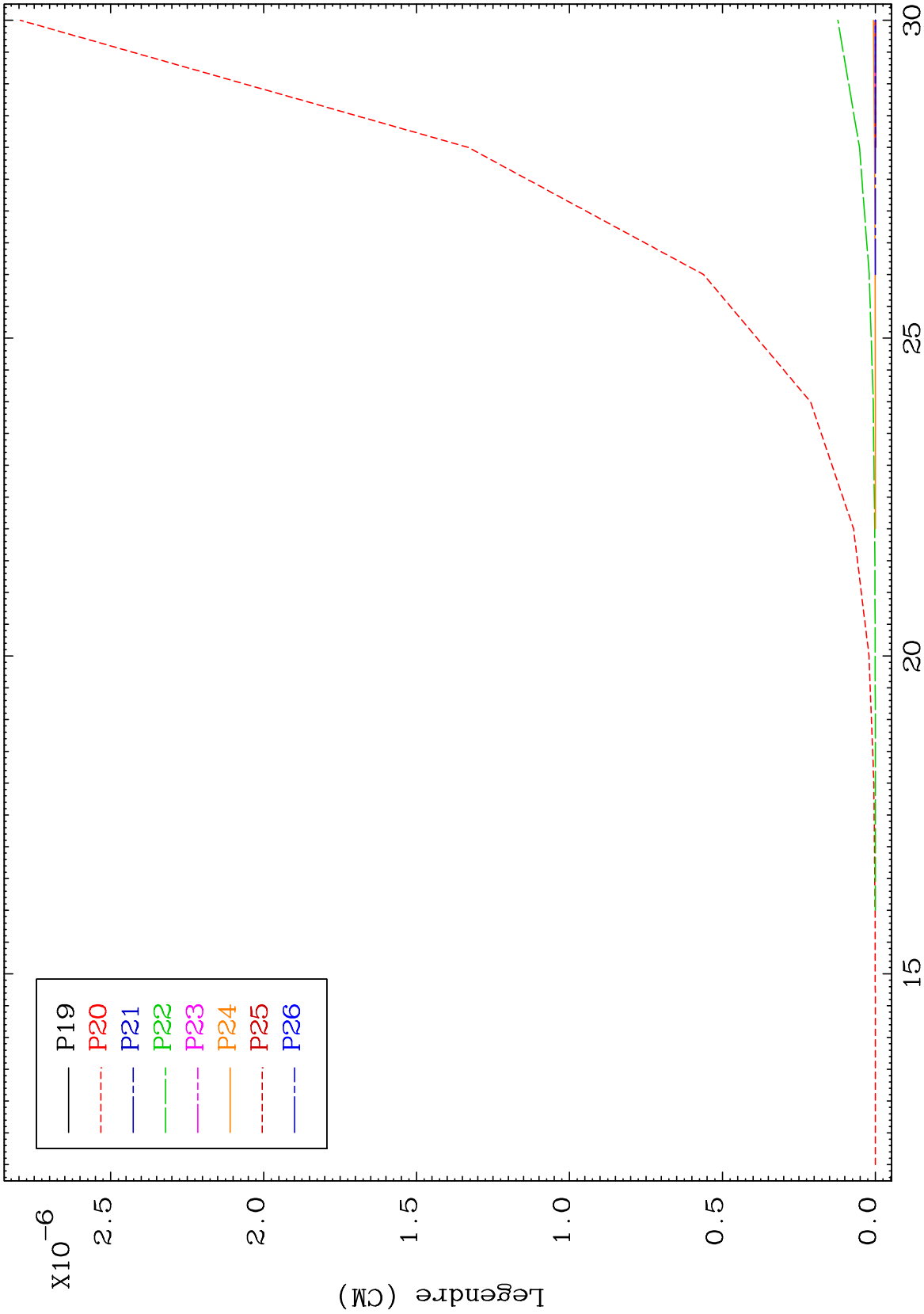
Incident Energy (MeV)

62-Sm-143

MAT 6223

Elastic Legendre Coefficients

62-Sm-143



18

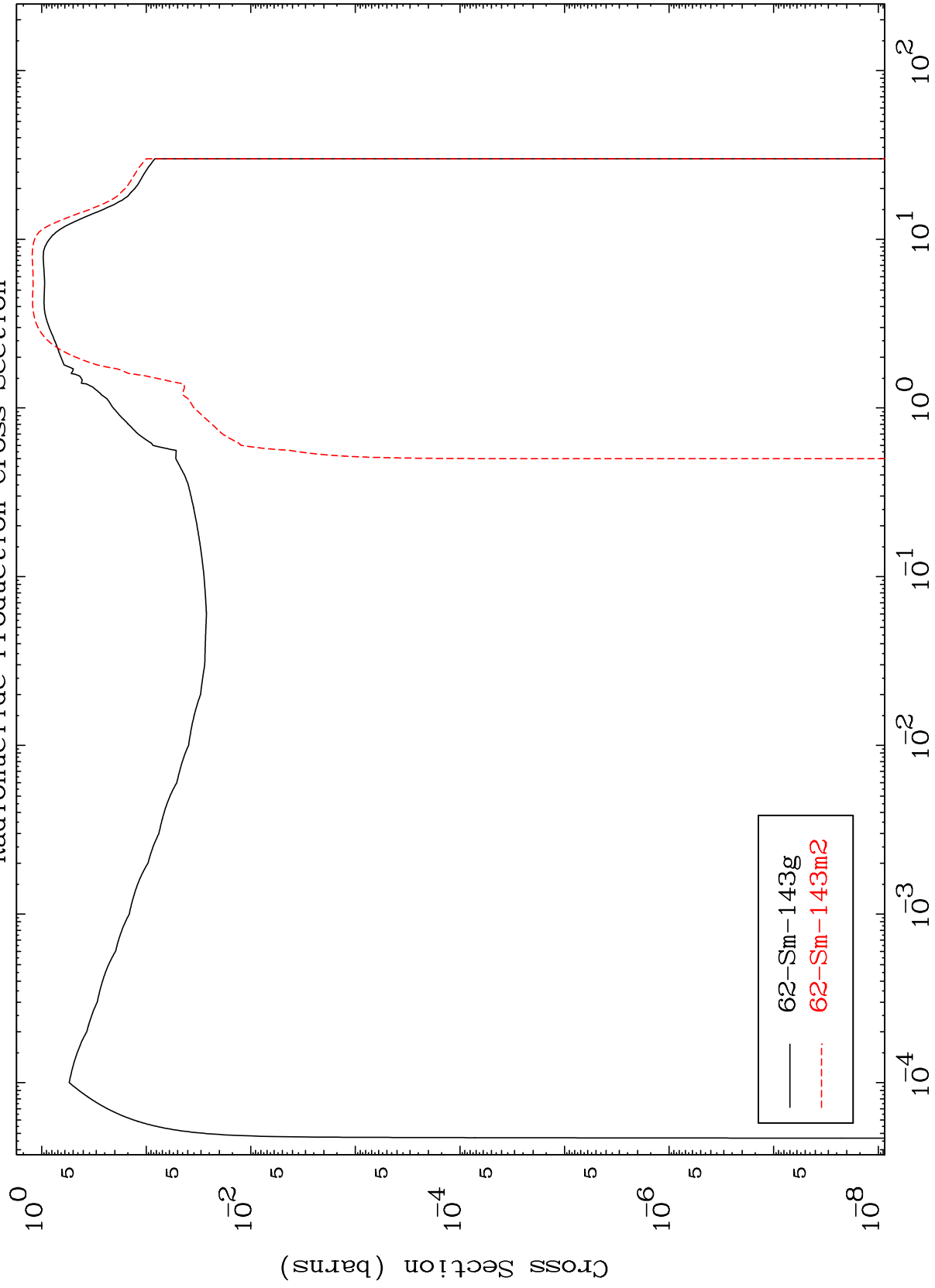
Incident Energy (MeV)

62-Sm-143

MAT 6223

62-Sm-143

Inelastic Radionuclide Production Cross Section



19

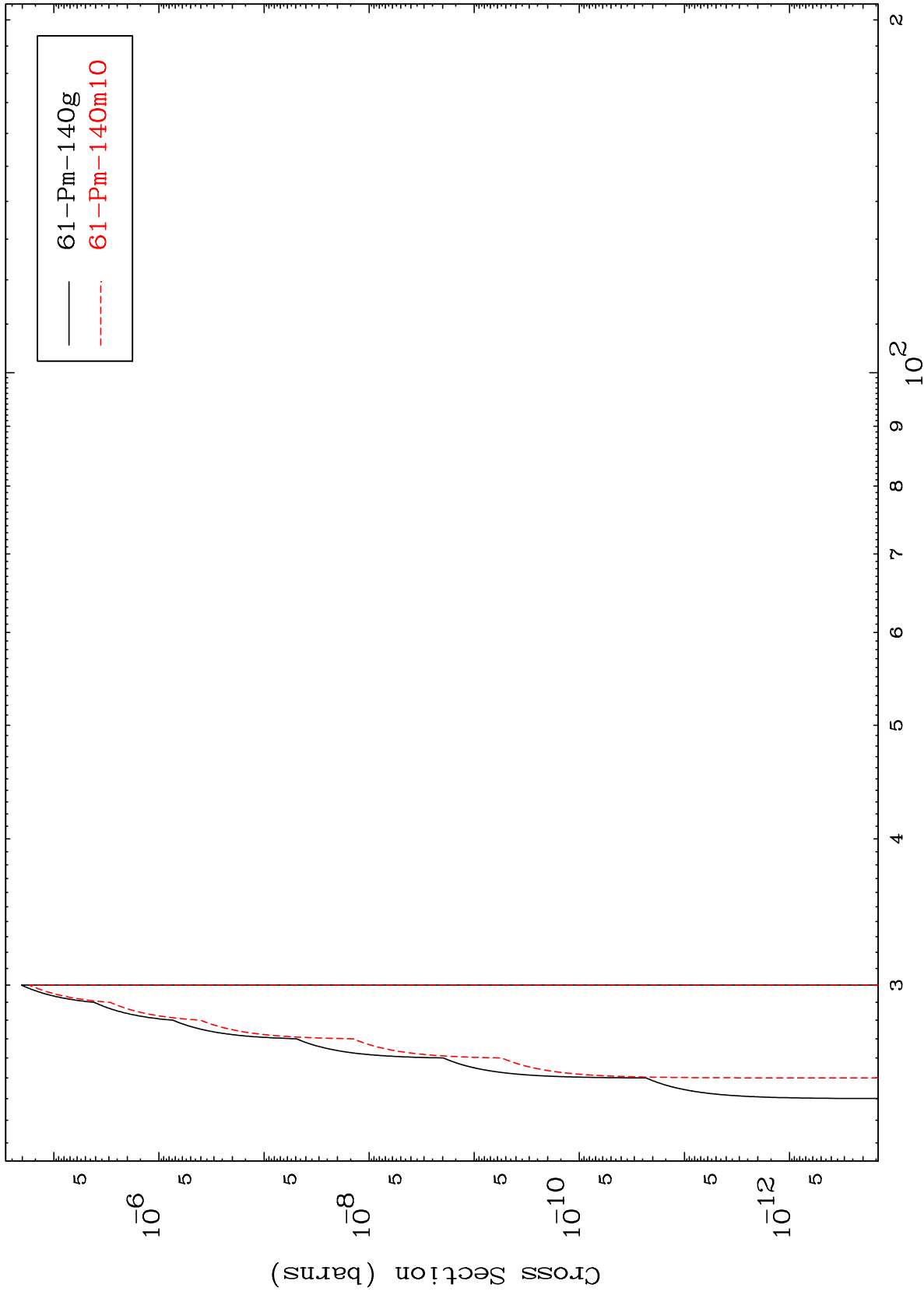
62-Sm-143

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(n,2n) d

62-Sm-143

Radionuclide Production Cross Section



20

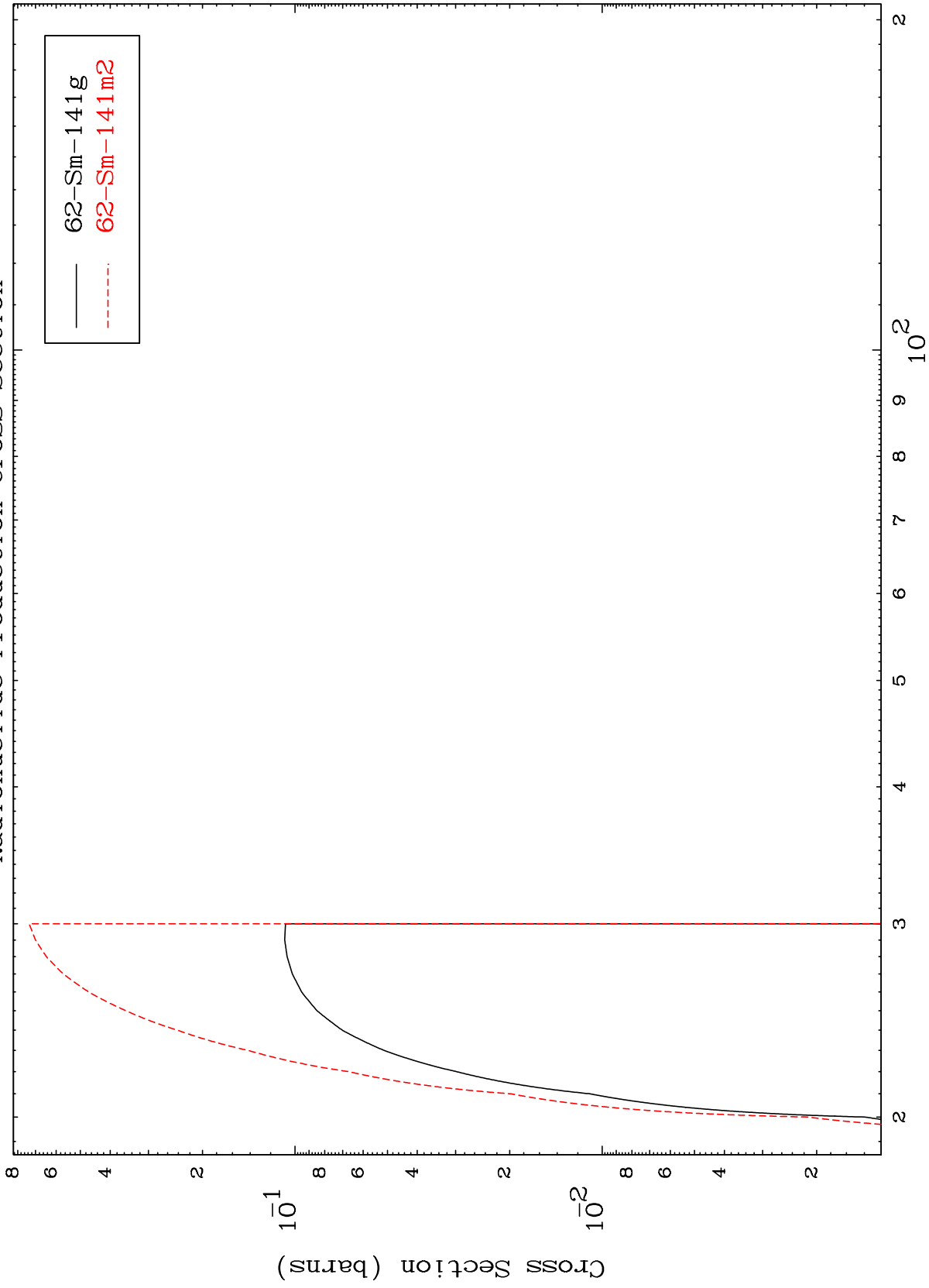
Incident Energy (MeV)

62-Sm-143

MAT 6223

62-Sm-143

(n,3n)
Radionuclide Production Cross Section



21

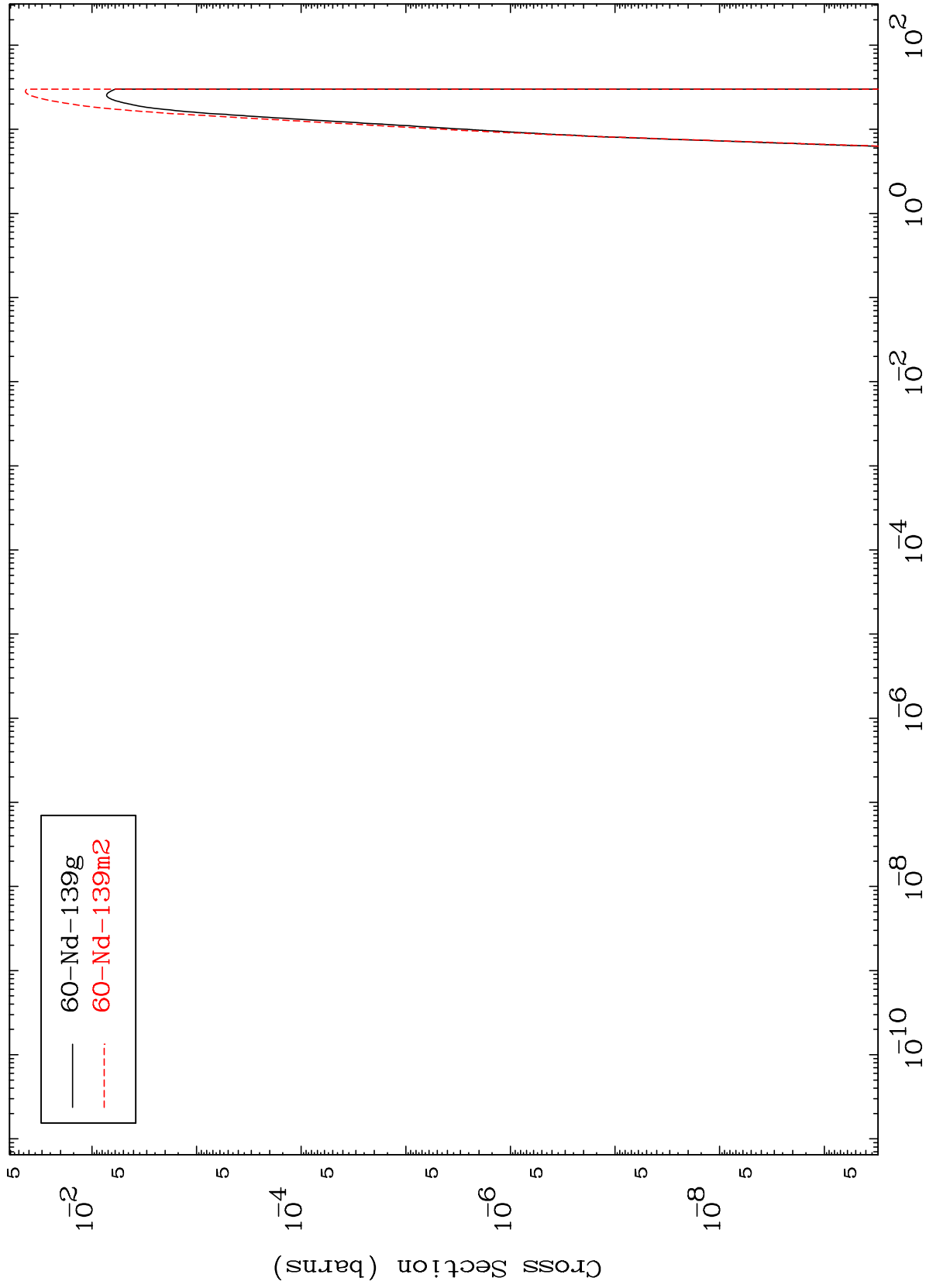
62-Sm-143

MAT 6223

(n,n') α

62-Sm-143

Radionuclide Production Cross Section



22

Incident Energy (MeV)

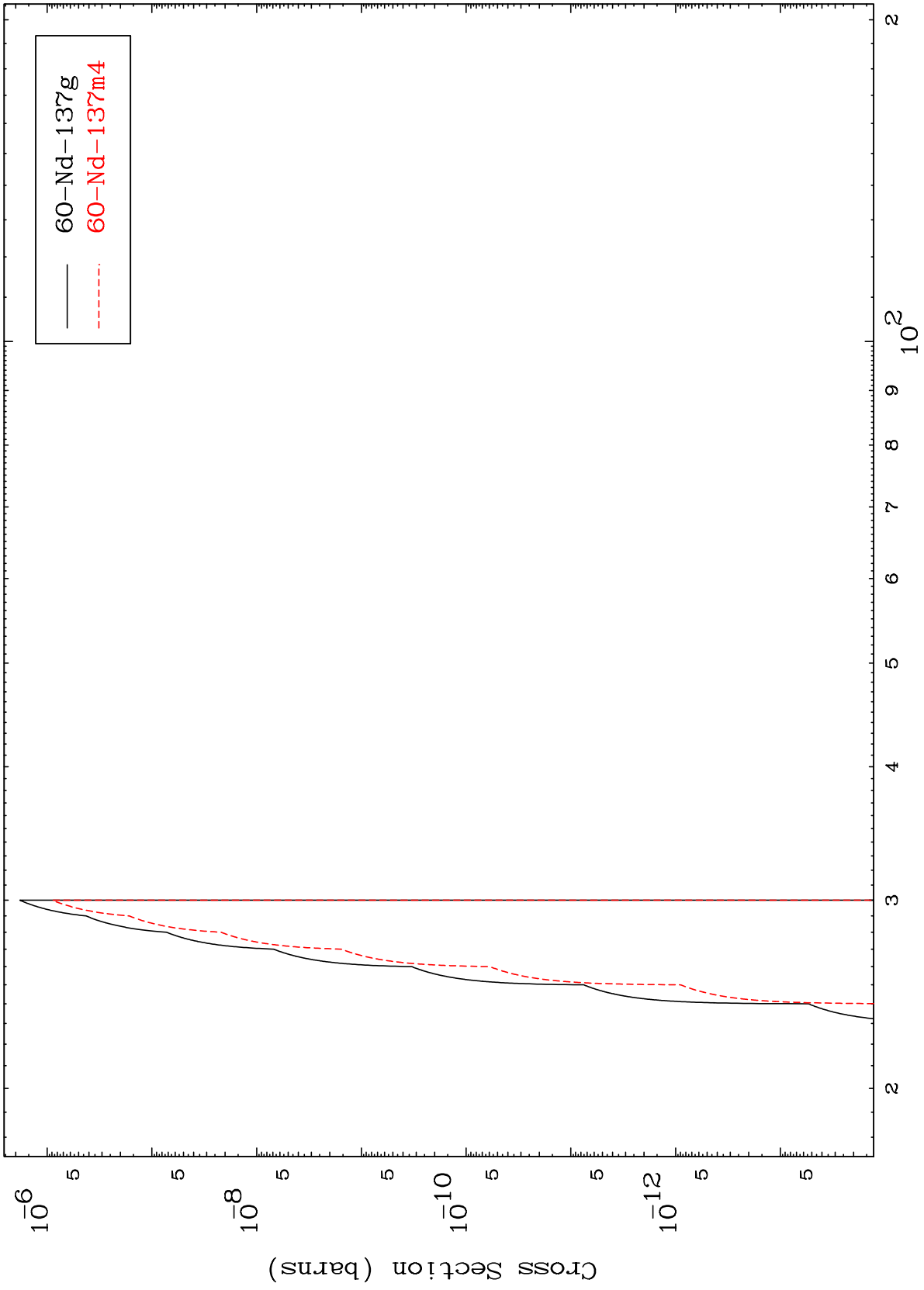
62-Sm-143

MAT 6223

(n,3n) α

62-Sm-143

Radionuclide Production Cross Section



23

Incident Energy (MeV)

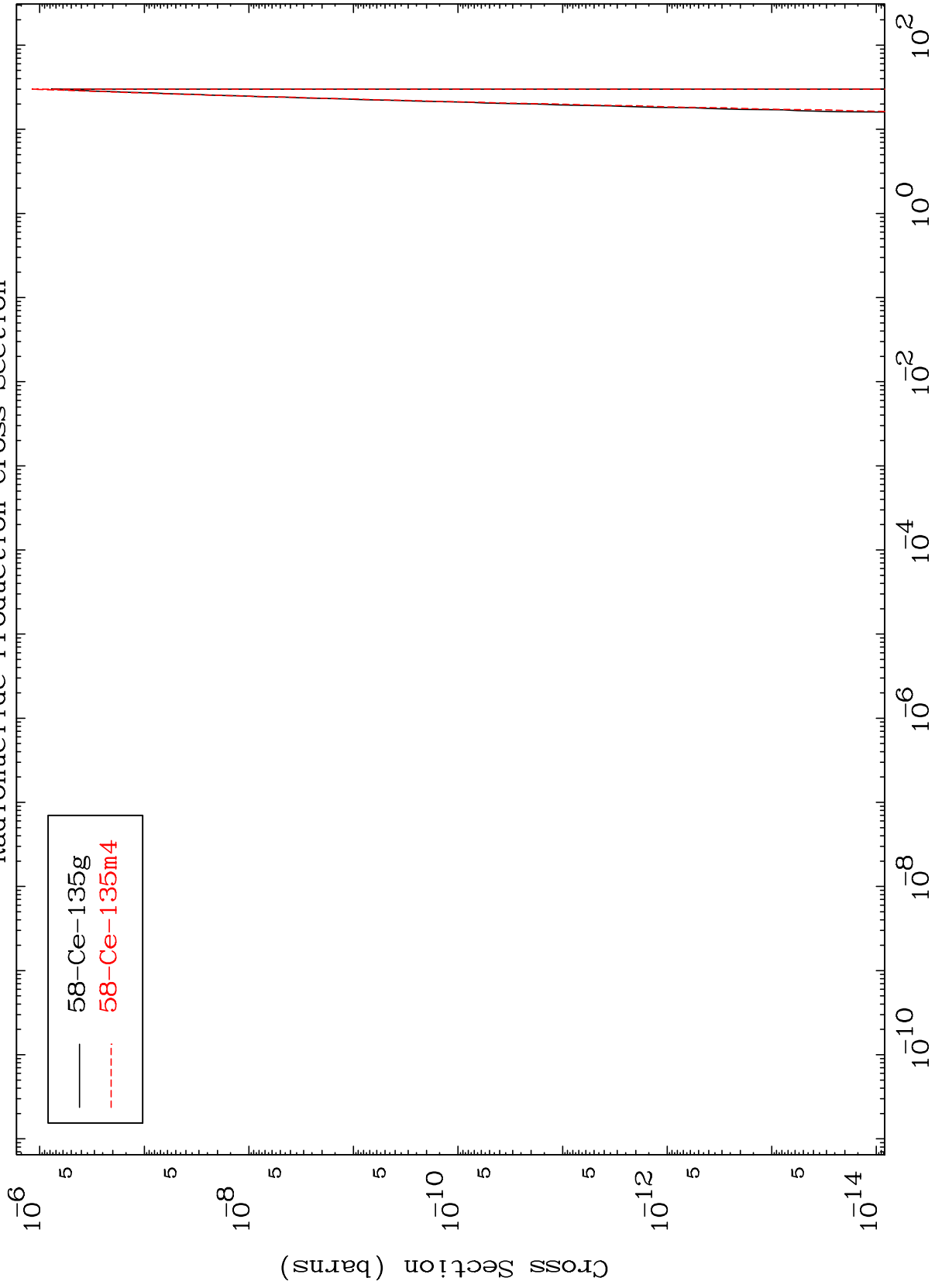
62-Sm-143

MAT 6223

(n,n') 2 α

62-Sm-143

Radionuclide Production Cross Section



24

Incident Energy (MeV)

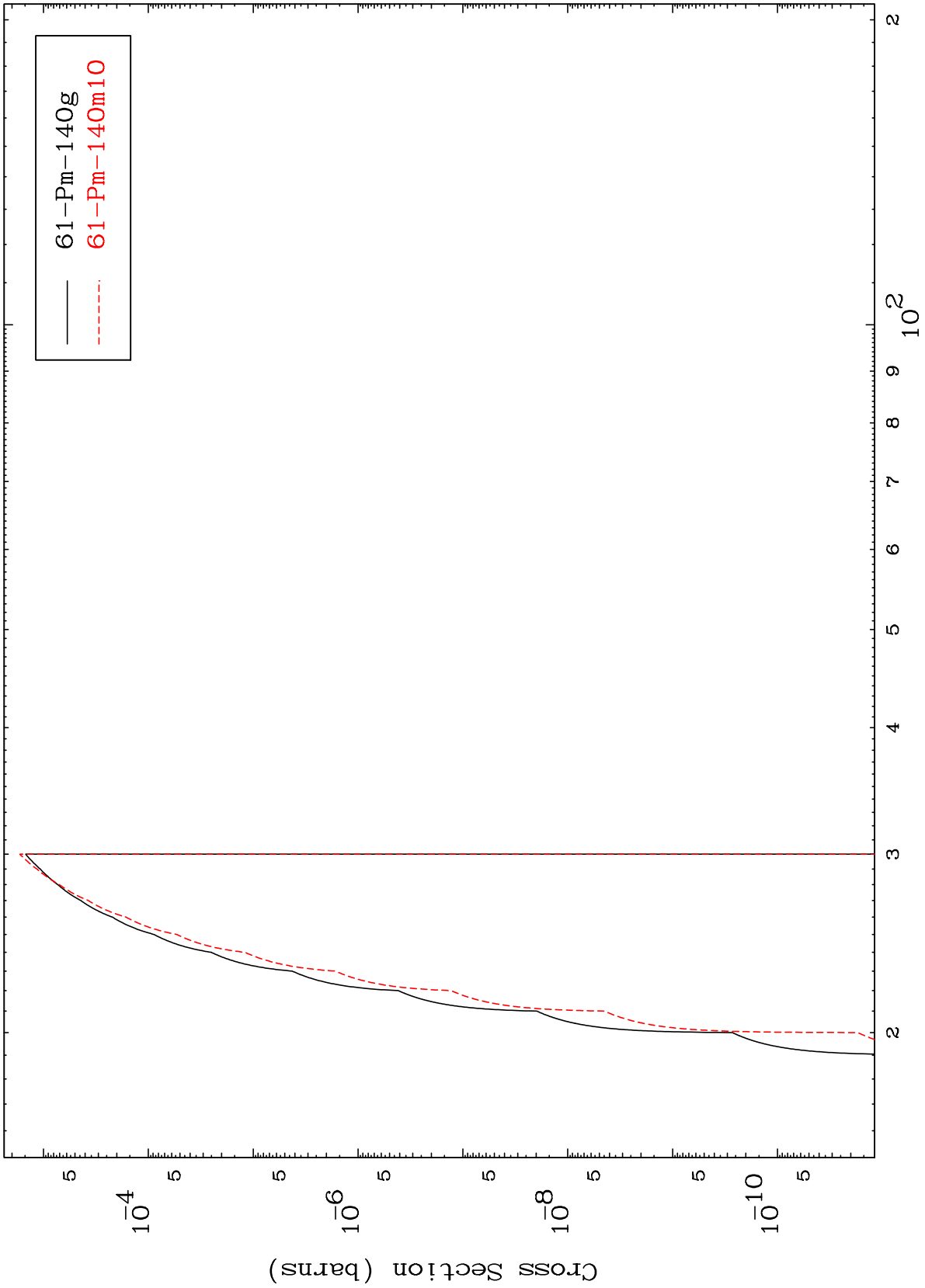
62-Sm-143

MAT 6223

(n,n') t

62-Sm-143

Radionuclide Production Cross Section



25

Incident Energy (MeV)

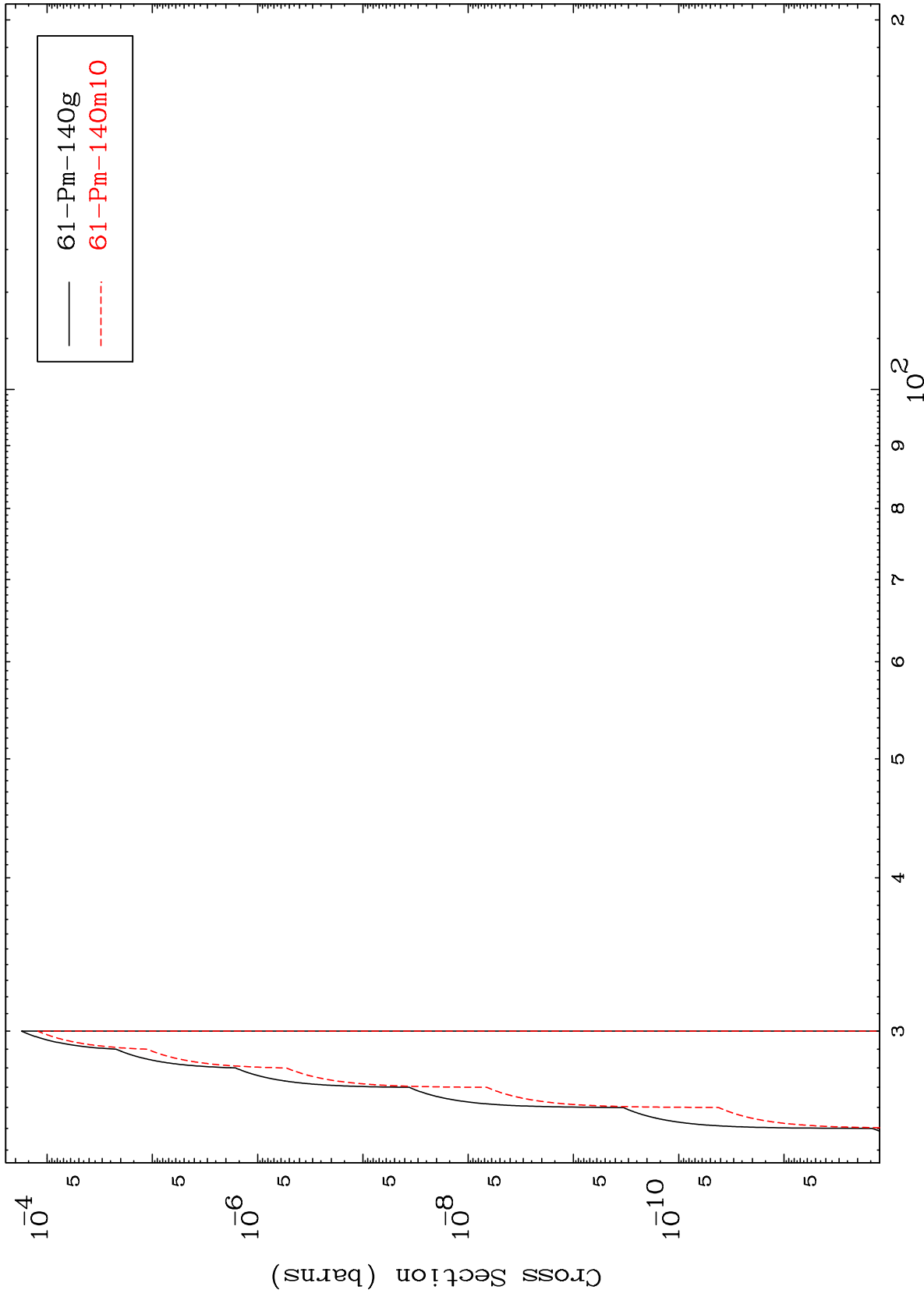
62-Sm-143

MAT 6223

(n,3n) p

62-Sm-143

Radionuclide Production Cross Section



26

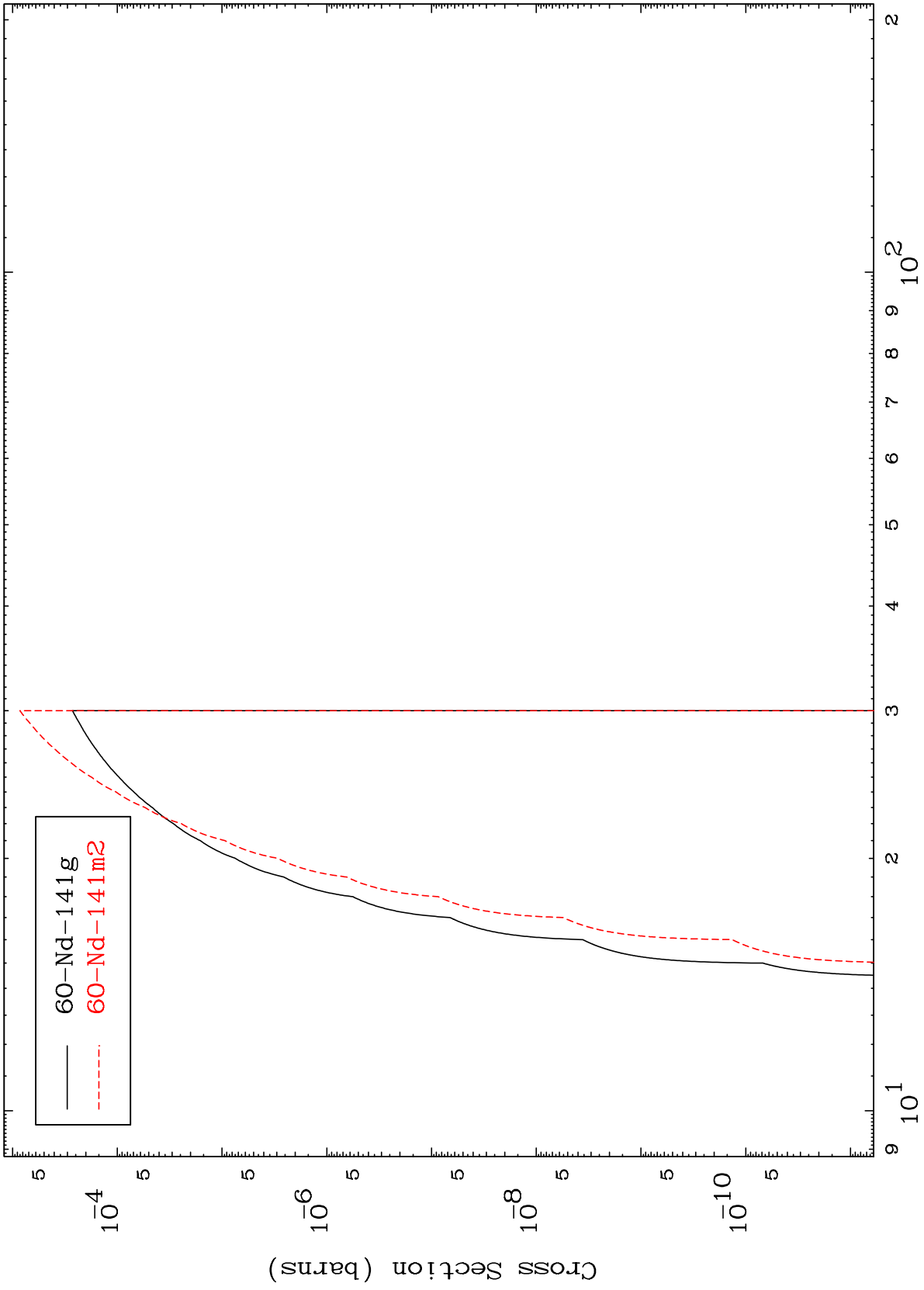
Incident Energy (MeV)

62-Sm-143

MAT 6223

62-Sm-143

(n,2n) p
Radionuclide Production Cross Section



27

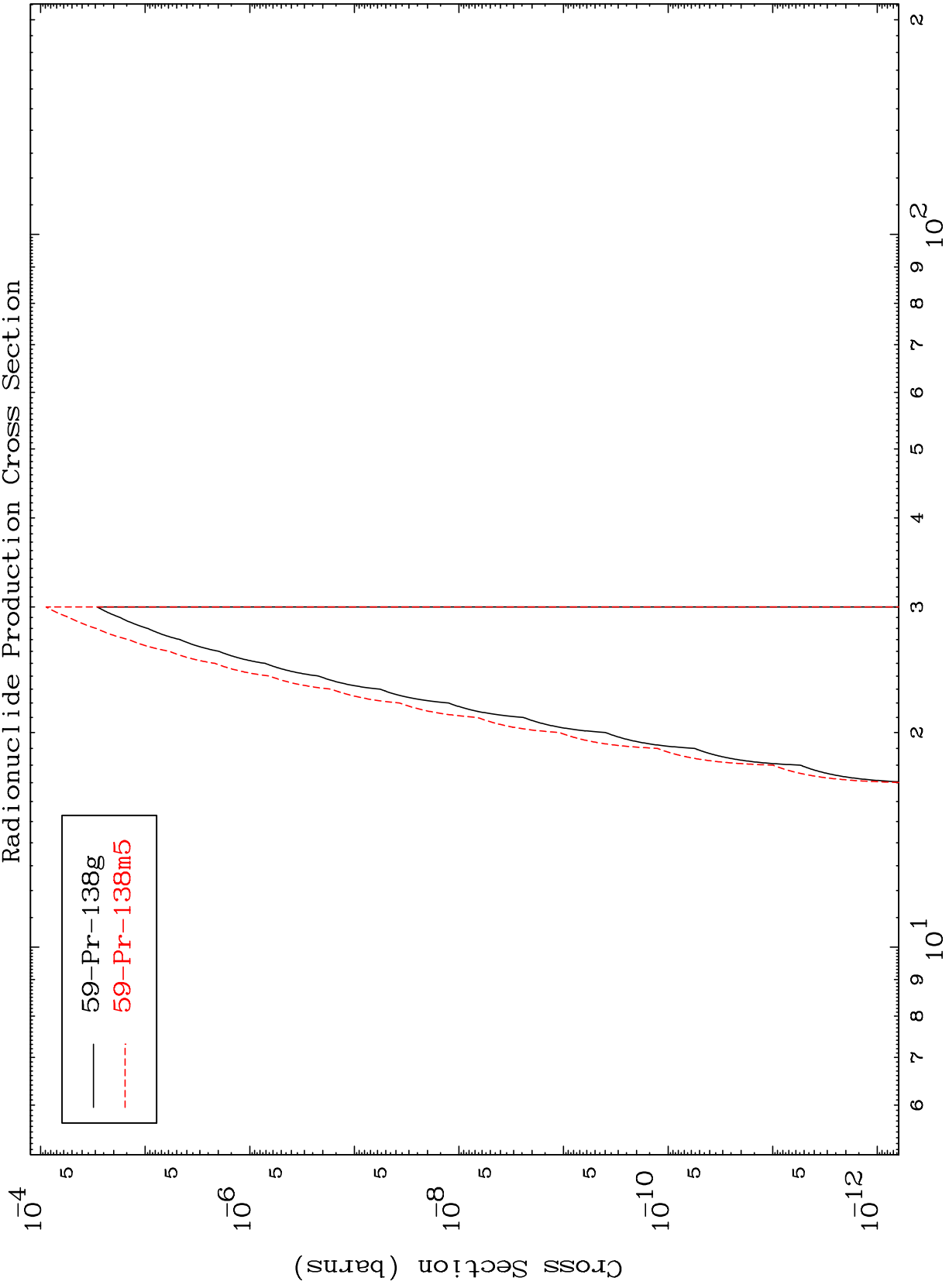
Incident Energy (MeV)

62-Sm-143

MAT 6223

62-Sm-143

(n,n') p α
Radionuclide Production Cross Section



28

Incident Energy (MeV)

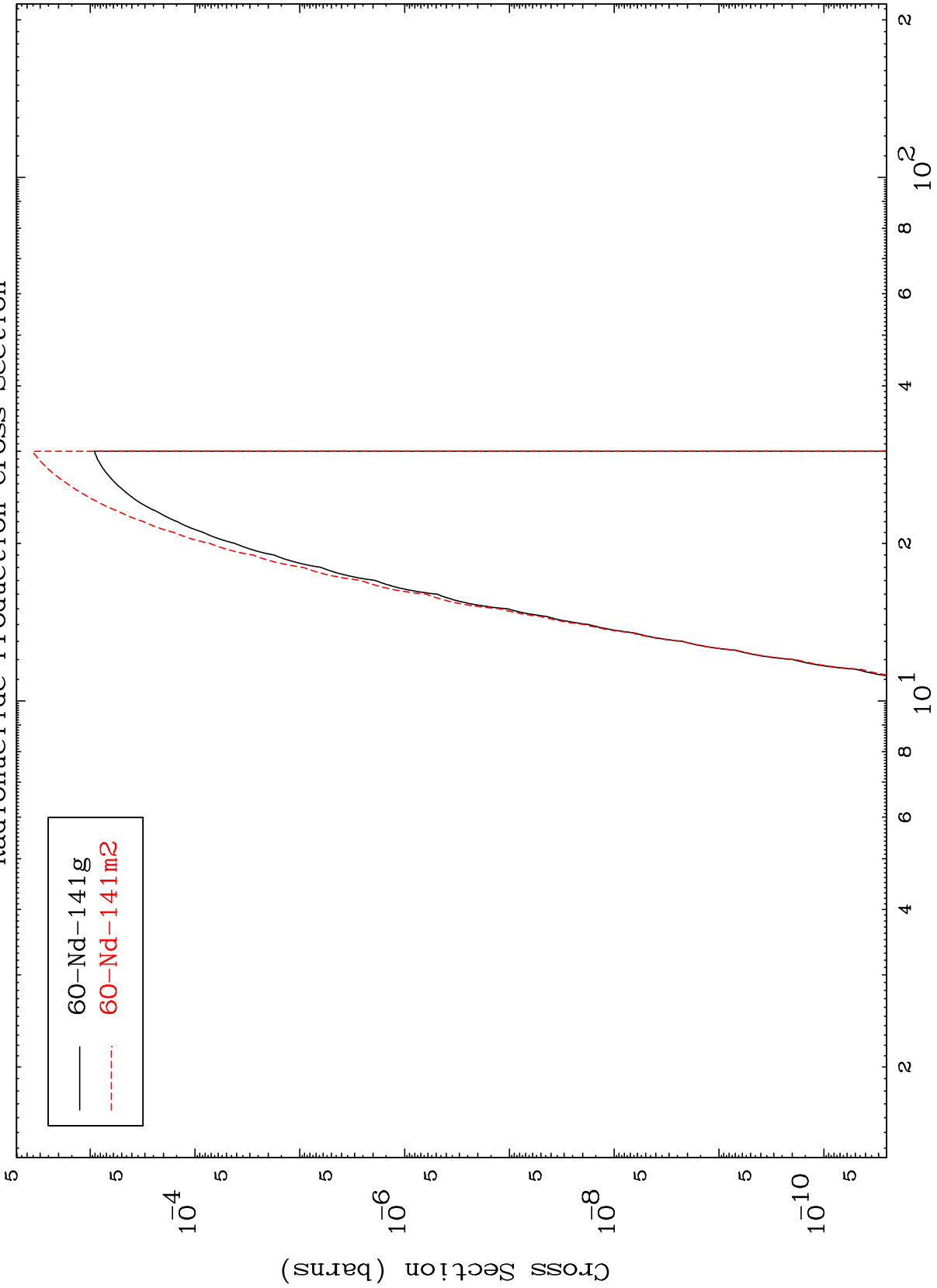
62-Sm-143

MAT 6223

(n, He-3)

62-Sm-143

Radionuclide Production Cross Section



29

Incident Energy (MeV)

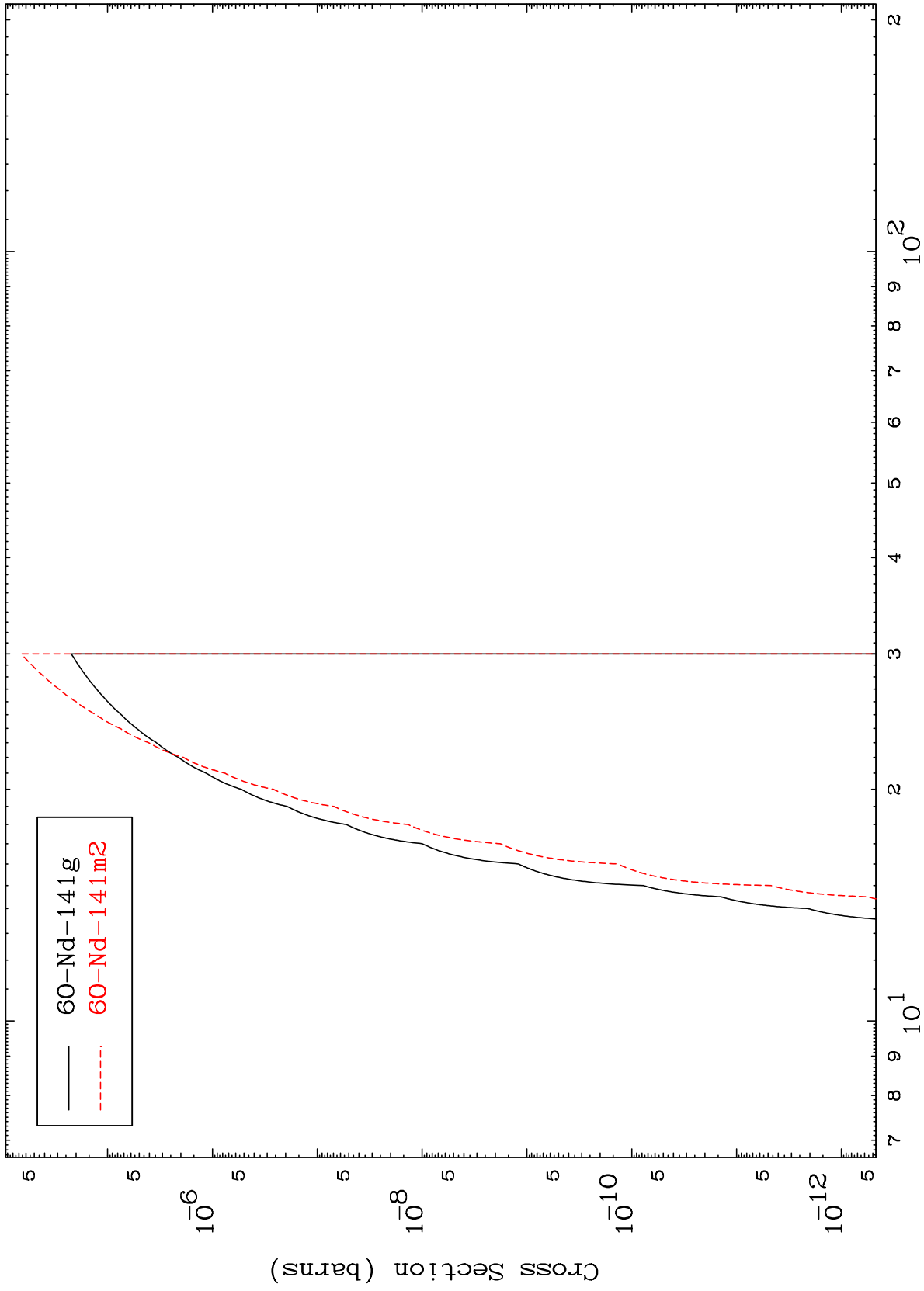
62-Sm-143

MAT 6223

(n,p) d

62-Sm-143

Radionuclide Production Cross Section



30

Incident Energy (MeV)

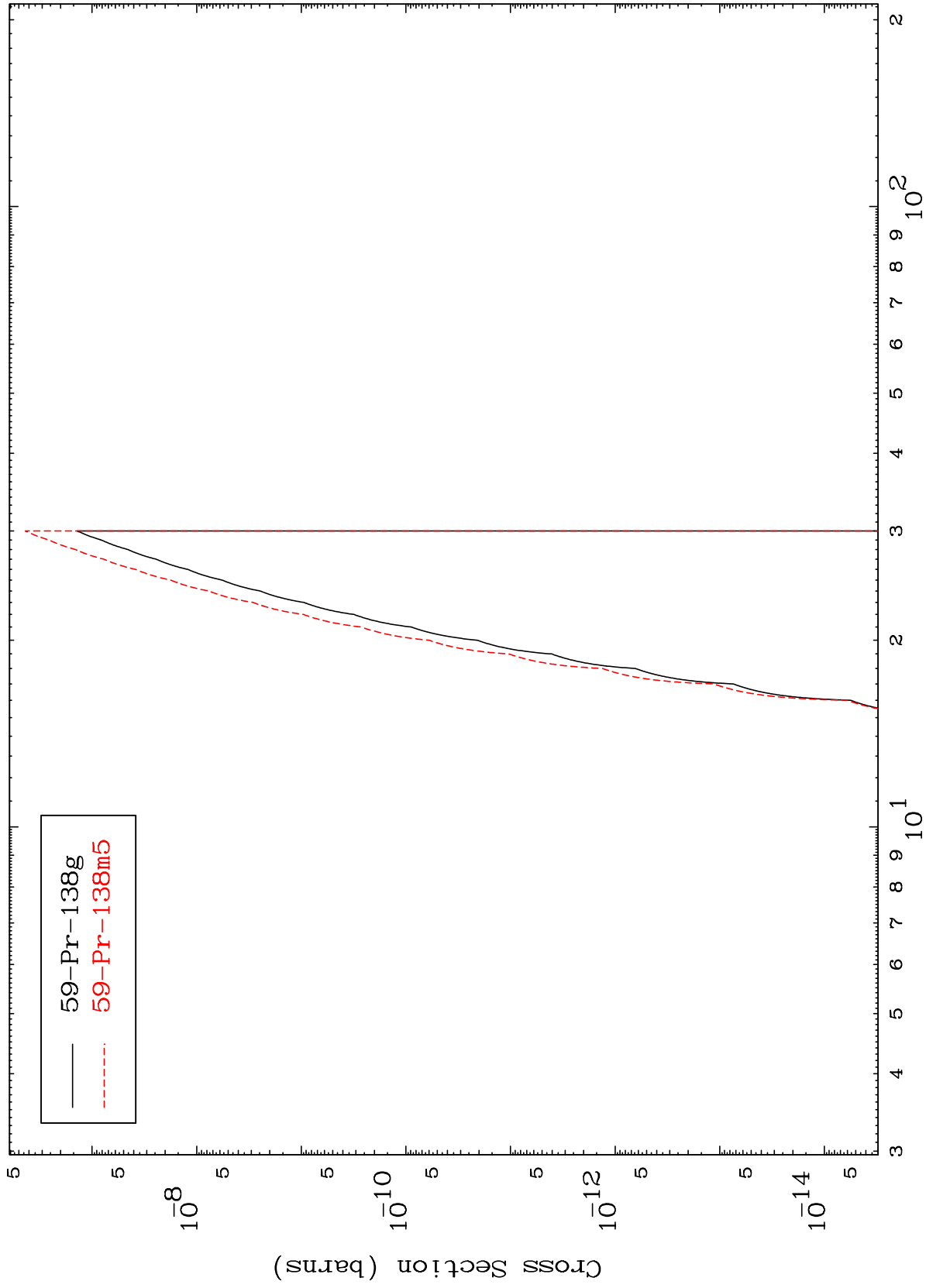
62-Sm-143

MAT 6223

(n,d) α

62-Sm-143

Radionuclide Production Cross Section



31

Incident Energy (MeV)

62-Sm-143