

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

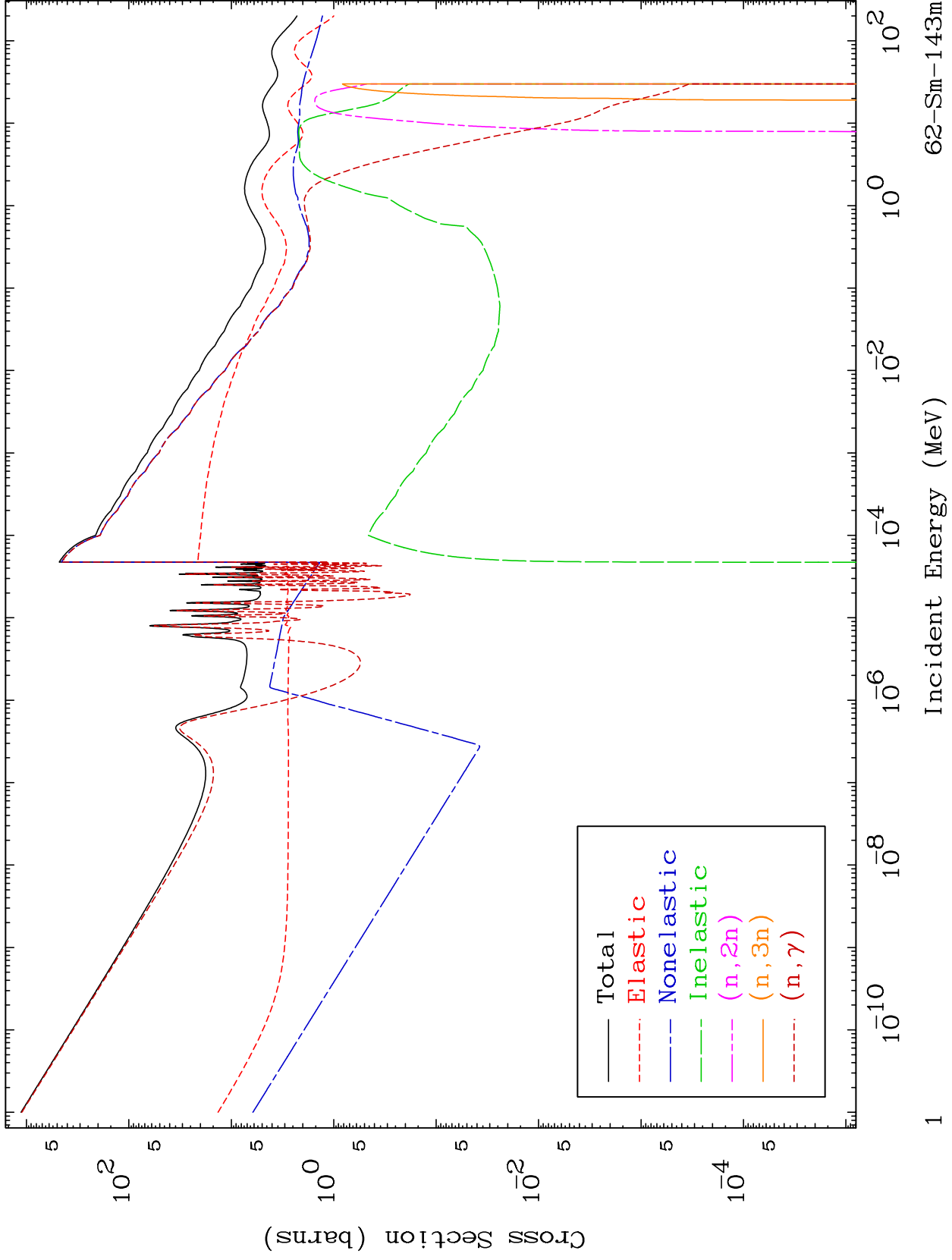
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6223

Neutron Major
293 Kelvin Cross Sections

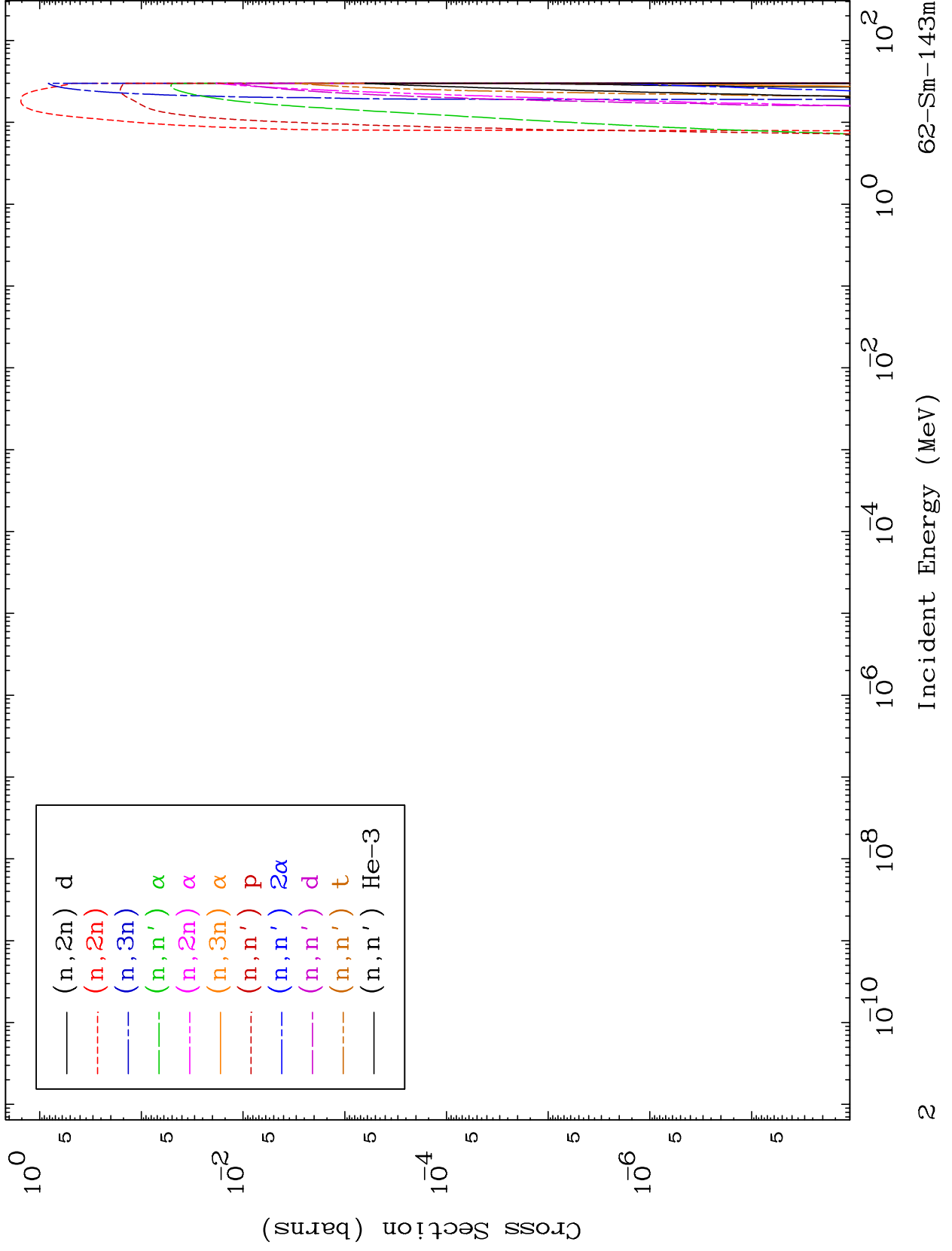
62-Sm-143m



MAT 6223

Neutron Absorption
293 Kelvin Cross Sections

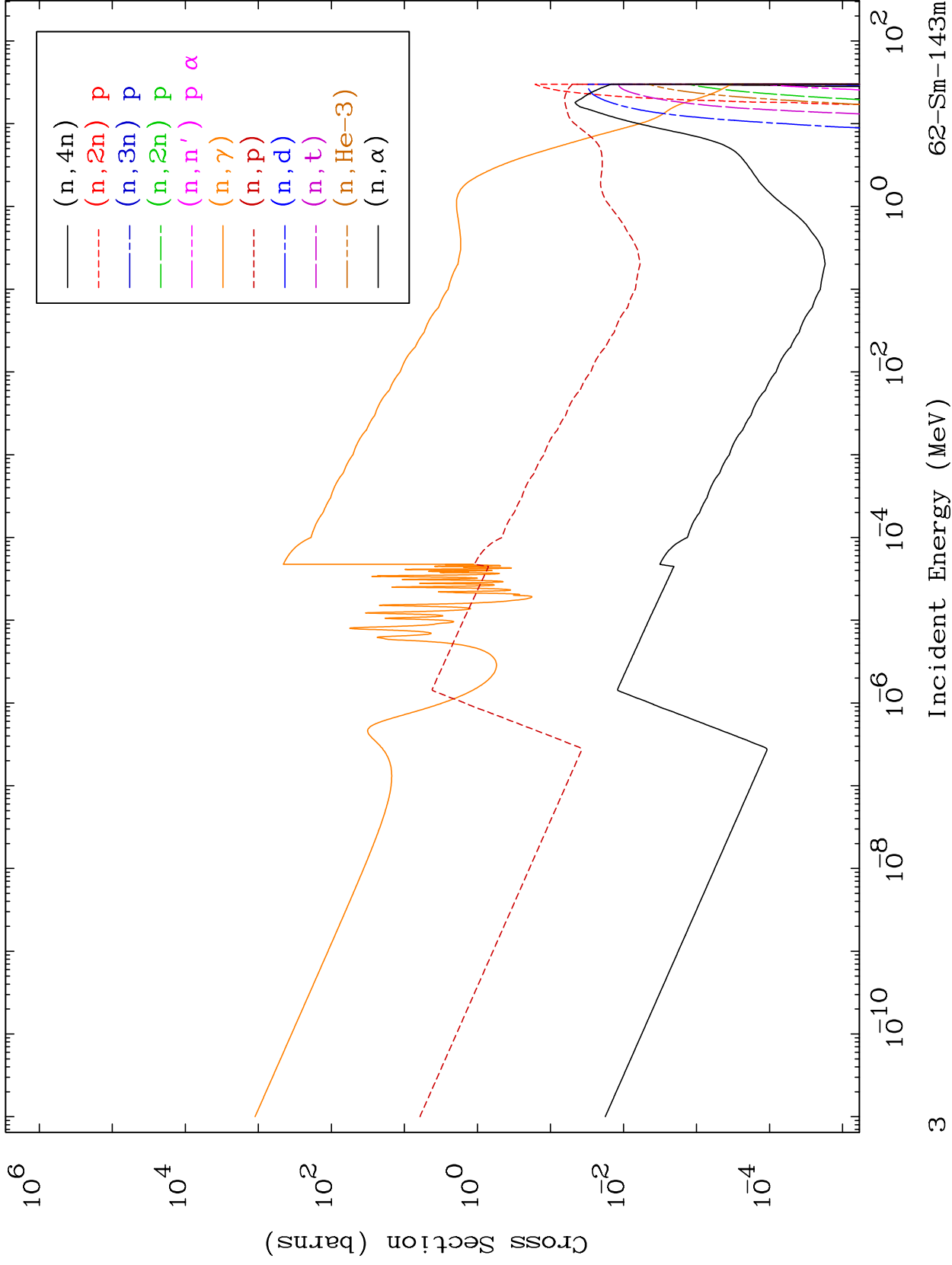
62-Sm-143m



MAT 6223

Neutron Absorption
293 Kelvin Cross Sections

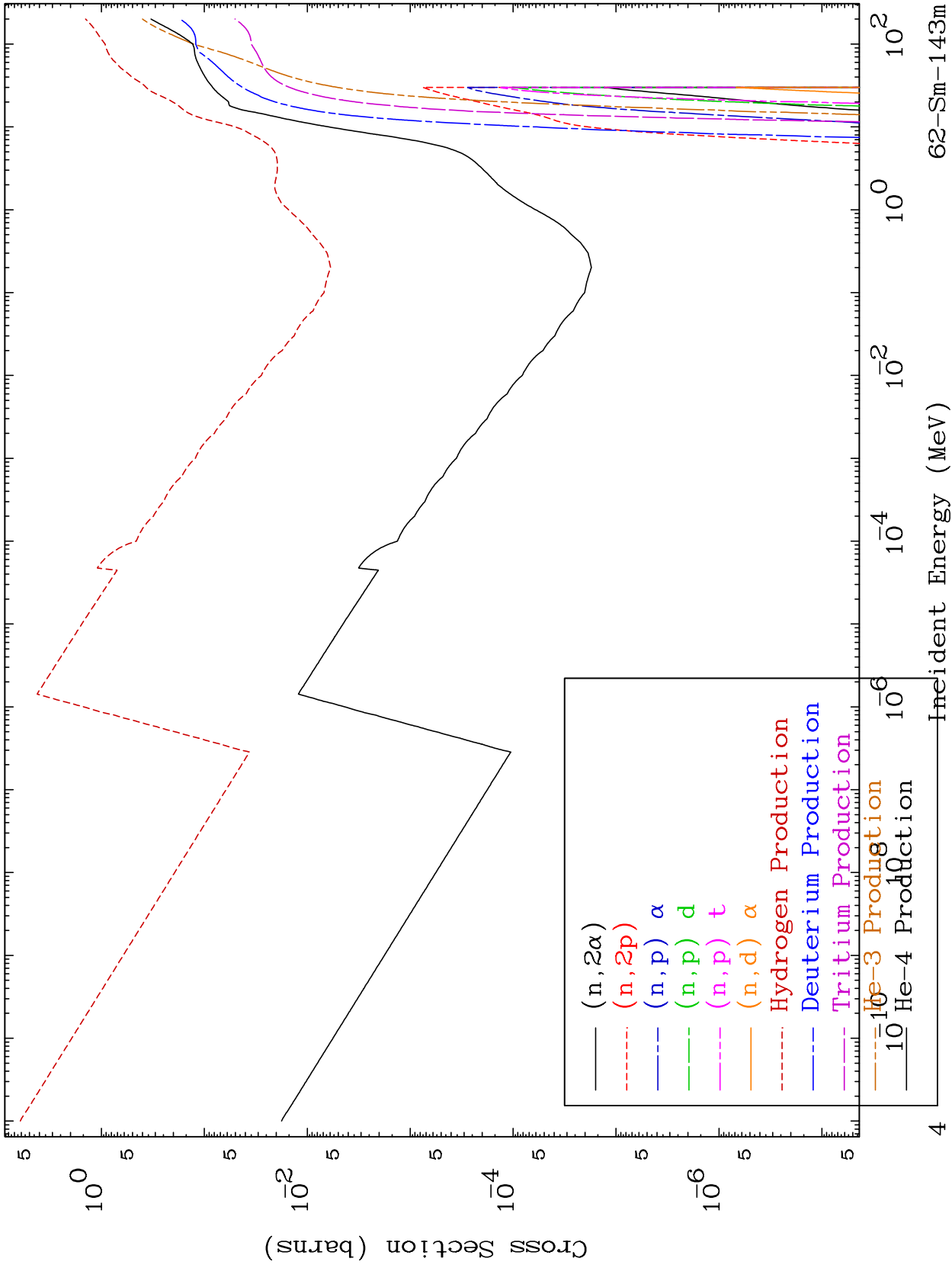
62-Sm-143m



MAT 6223

Neutron Absorption
293 Kelvin Cross Sections

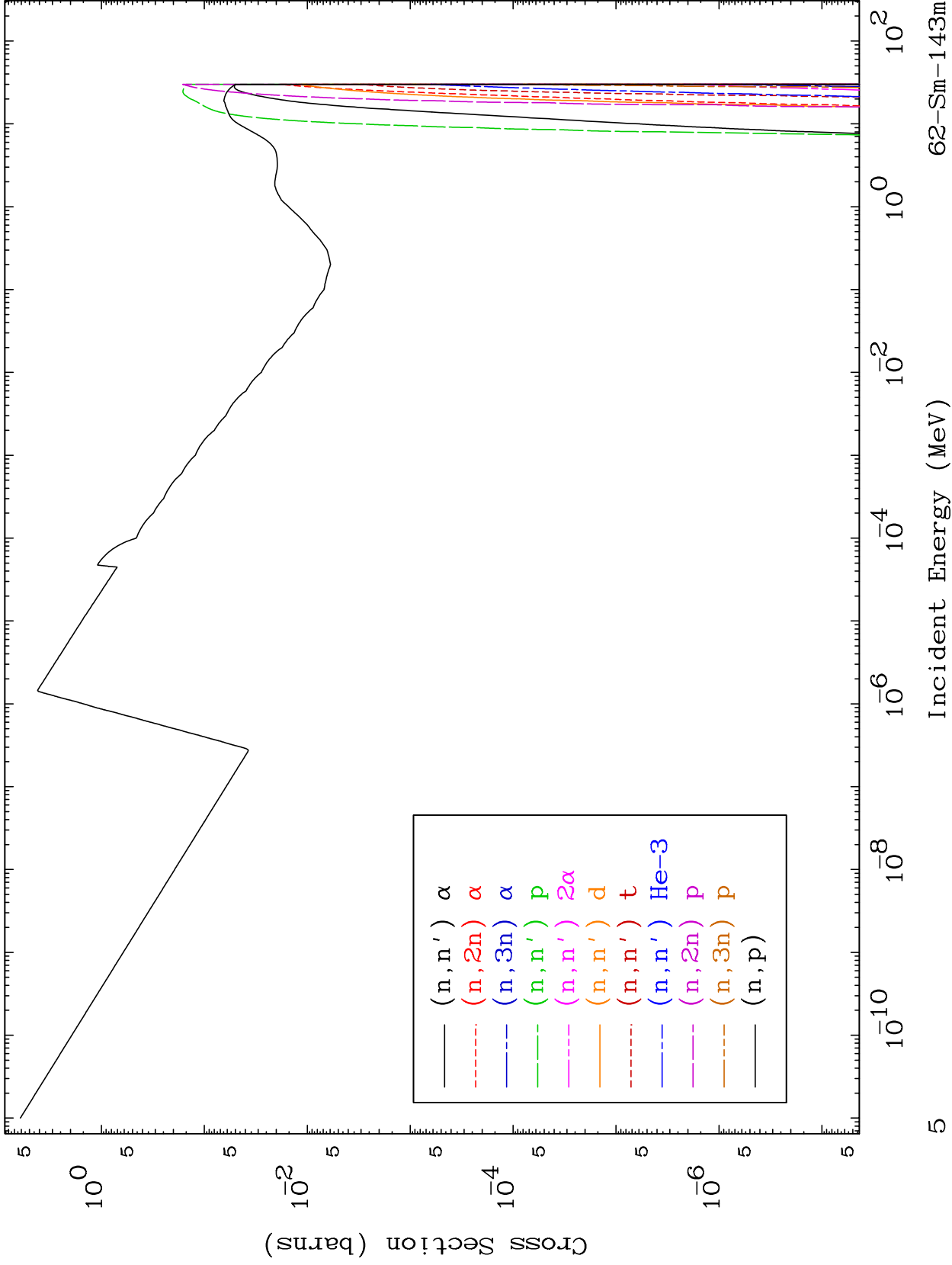
62-Sm-143m



MAT 6223

Charged Particle
293 Kelvin Cross Sections

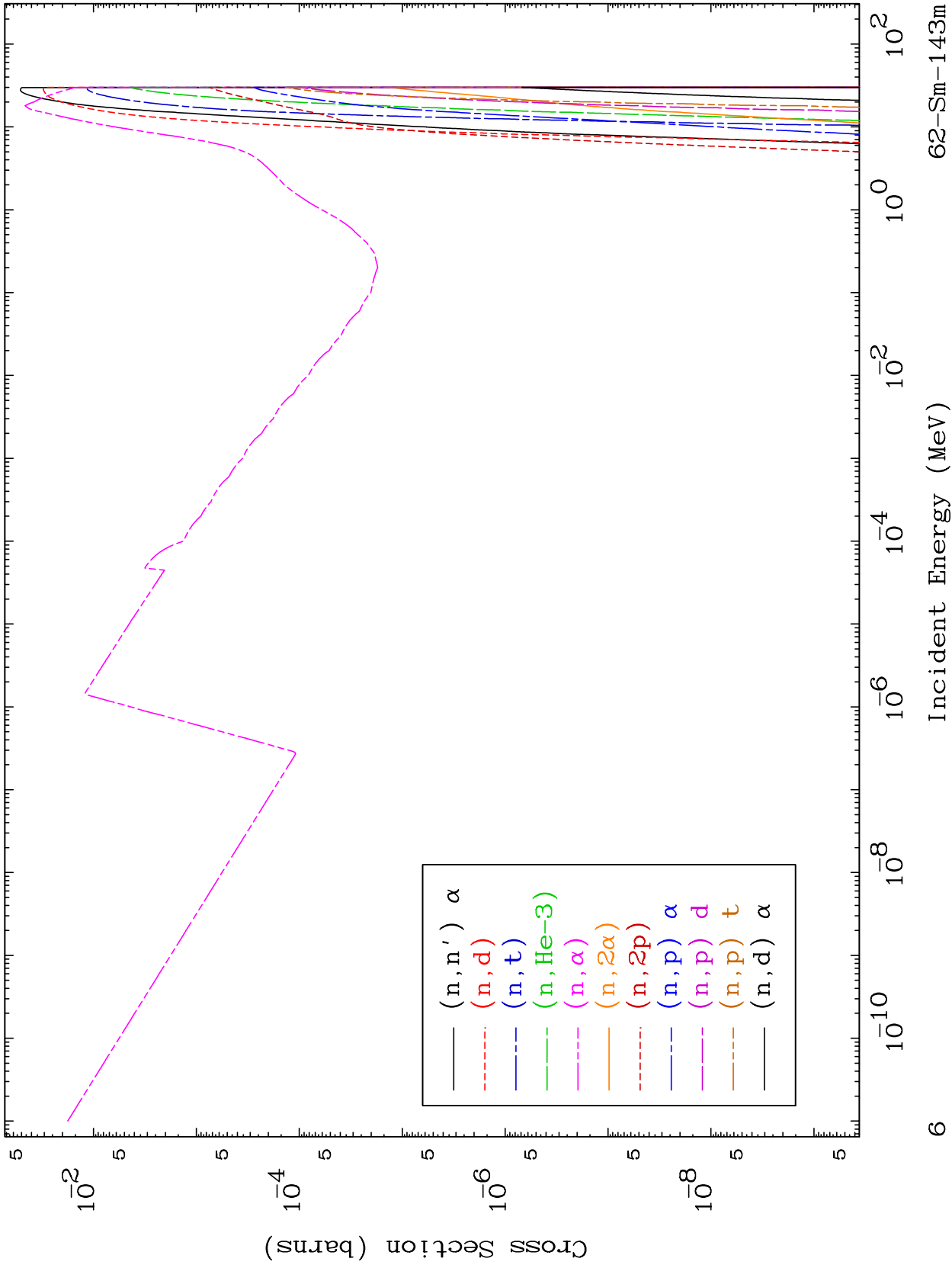
62-Sm-143m



MAT 6223

Charged Particle
293 Kelvin Cross Sections

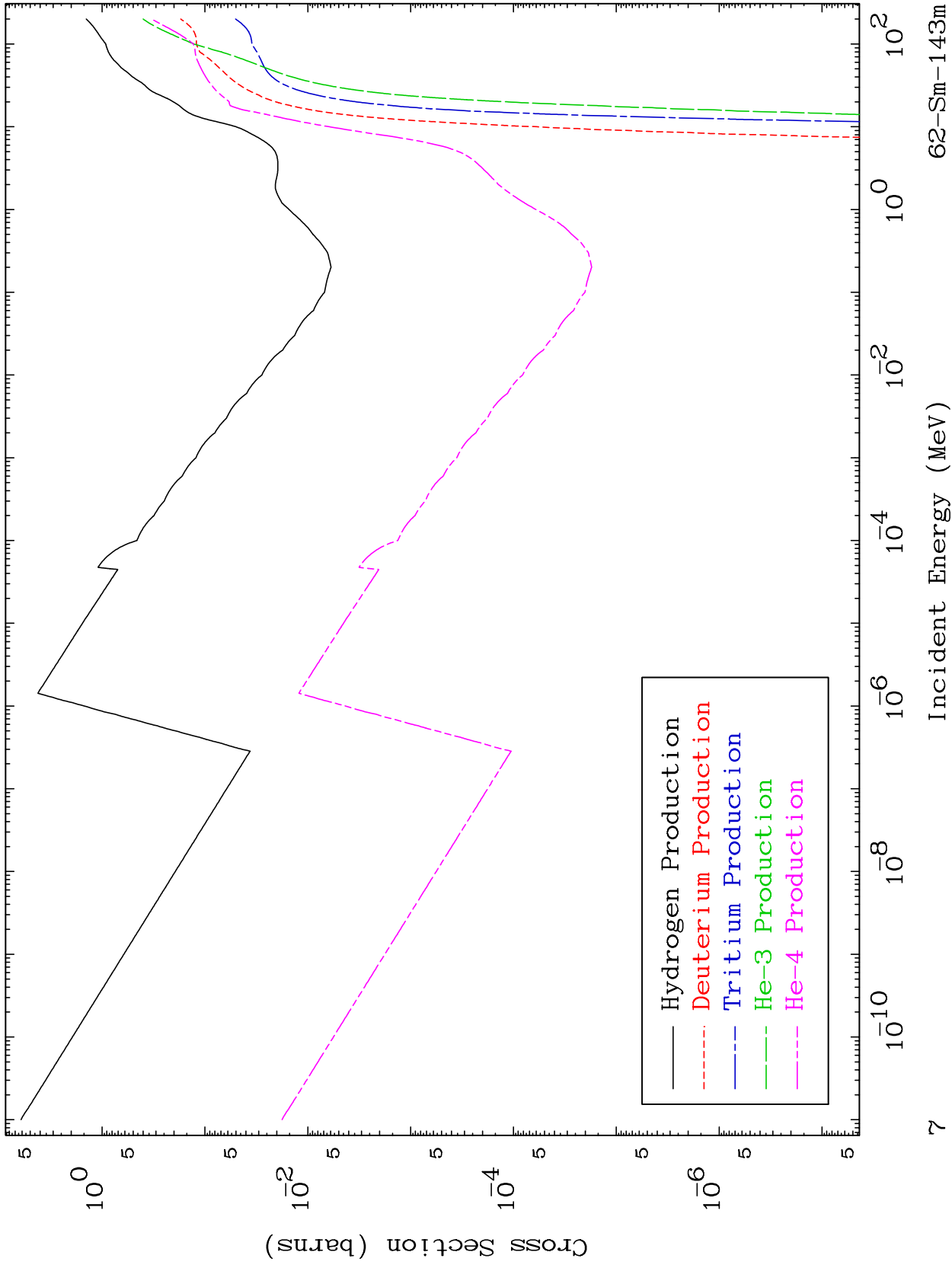
62-Sm-143m



MAT 6223

Particle Production
293 Kelvin Cross Sections

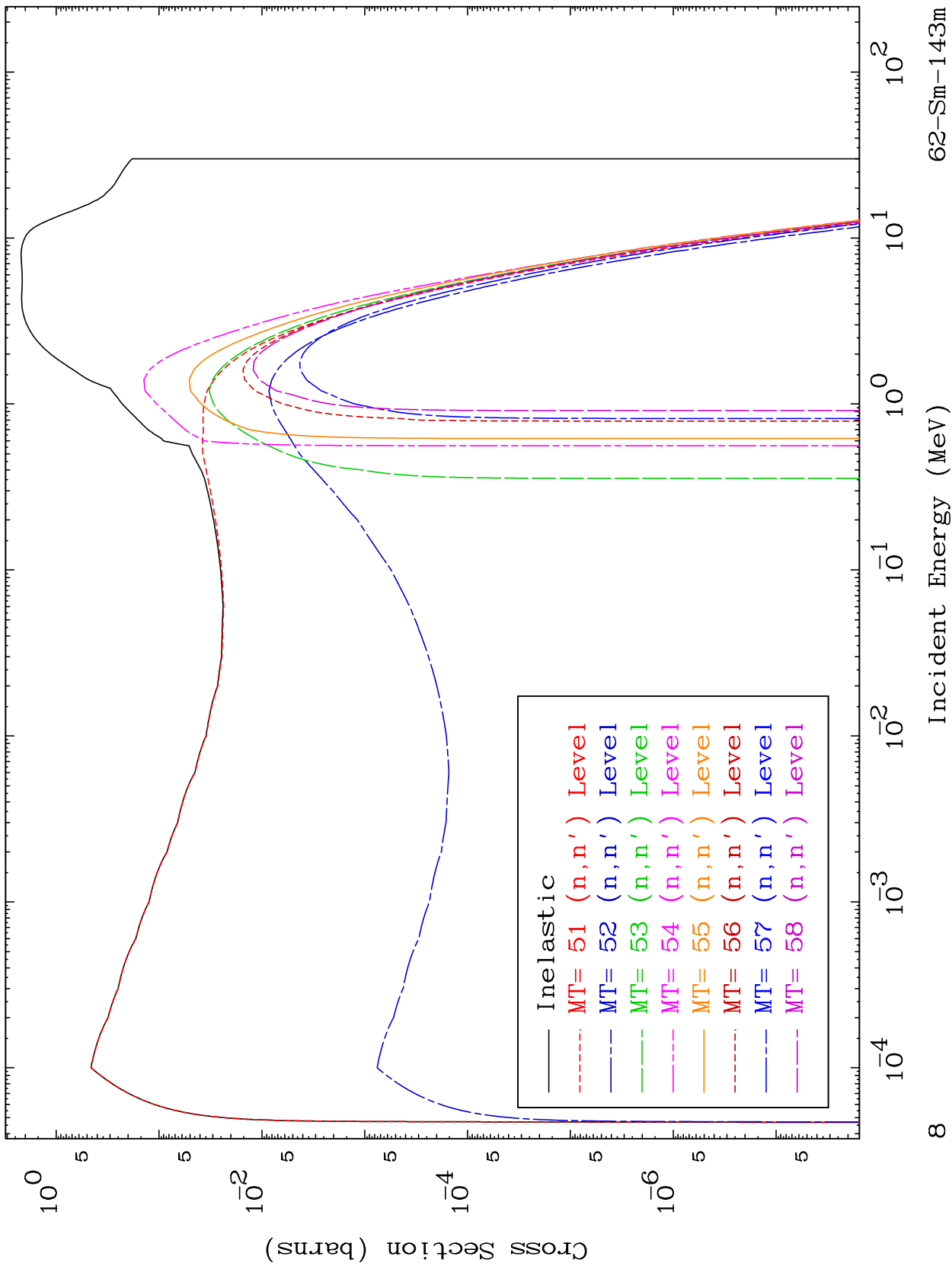
62-Sm-143m



MAT 6223

(n,n') Levels
293 Kelvin Cross Sections

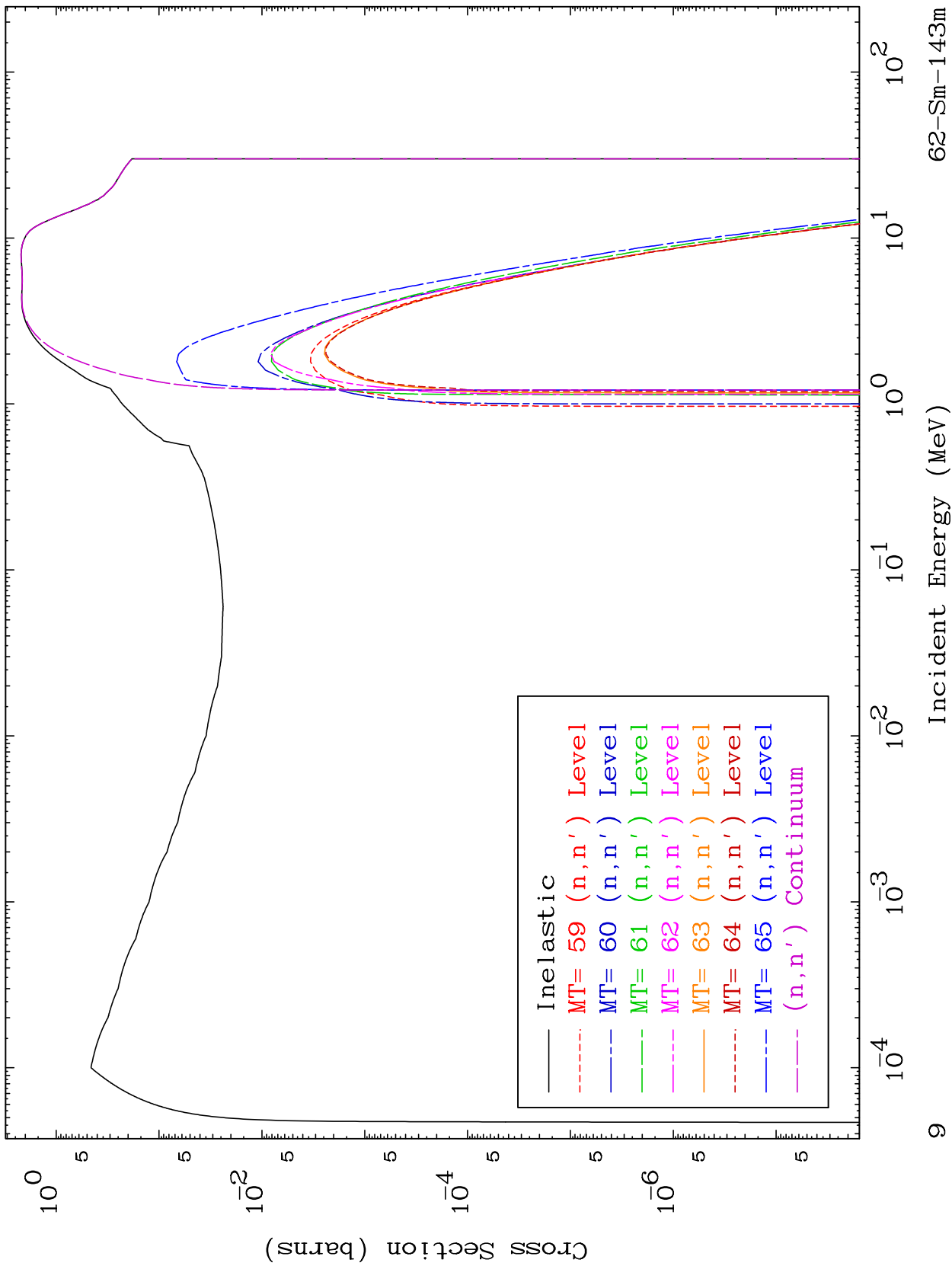
62-Sm-143m



MAT 6223

(n,n') Levels
293 Kelvin Cross Sections

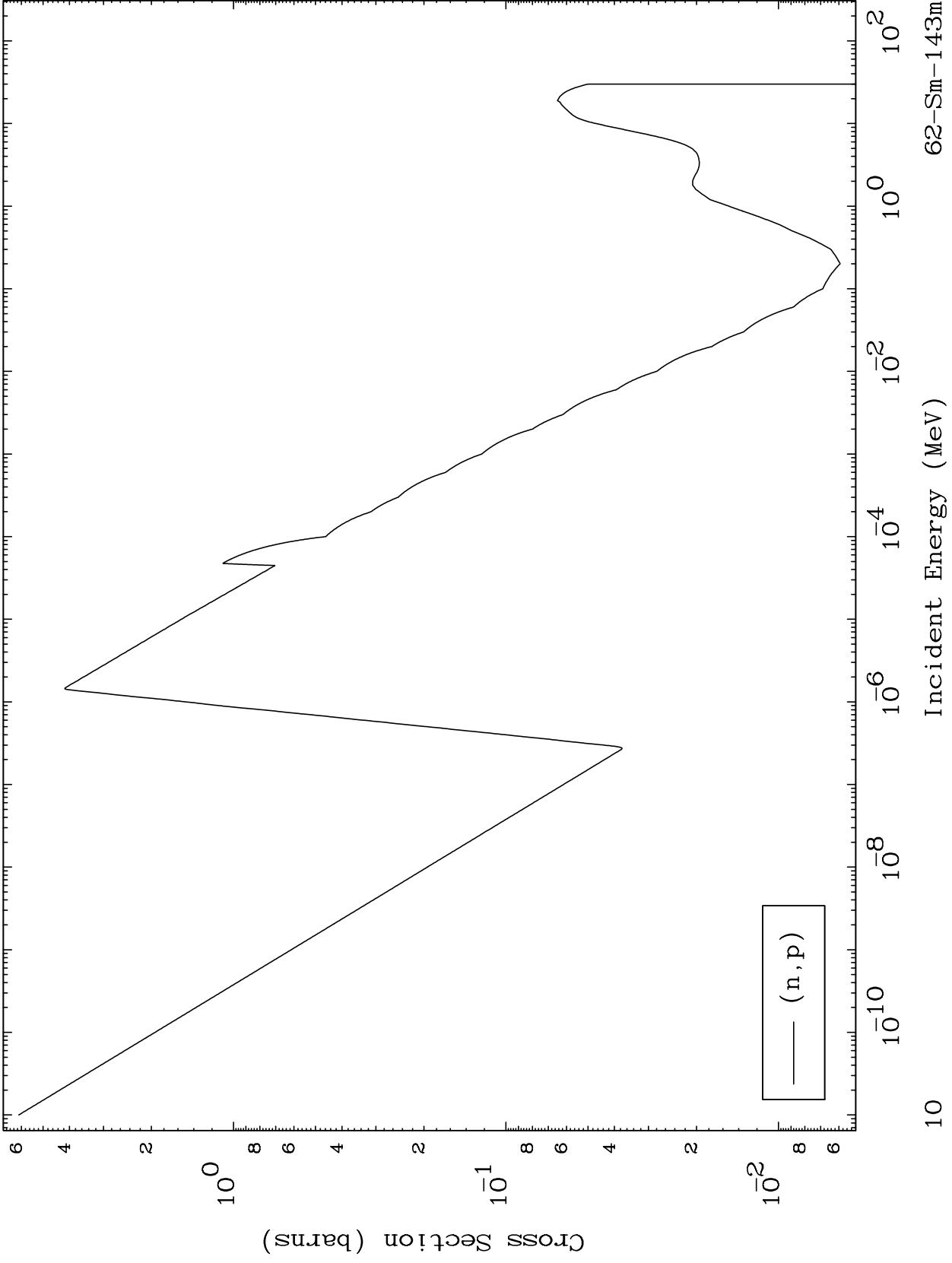
62-Sm-143m



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(n,p) Levels
293 Kelvin Cross Sections

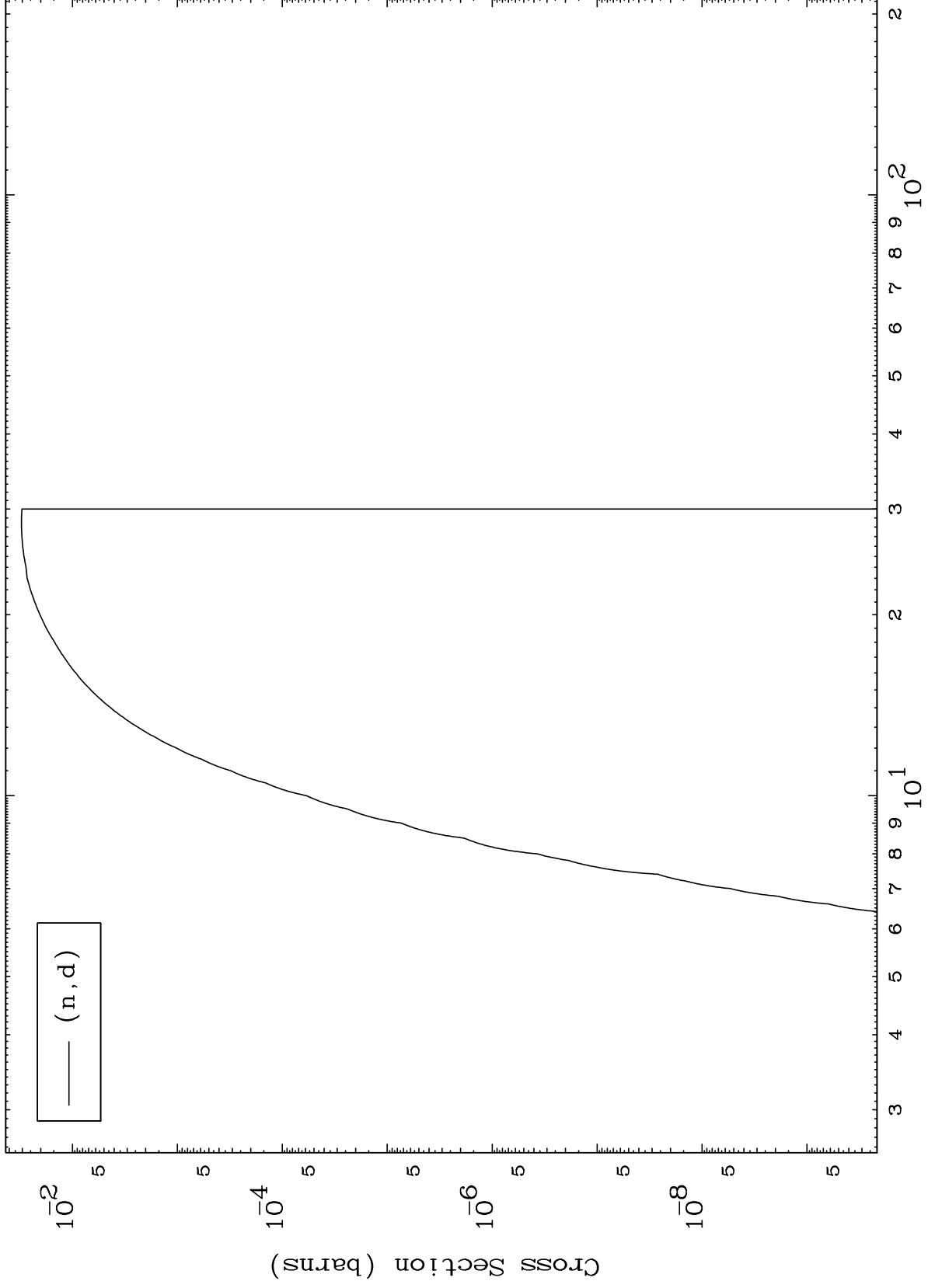
62-Sm-143m



MAT 6223

(n,d) Levels
293 Kelvin Cross Sections

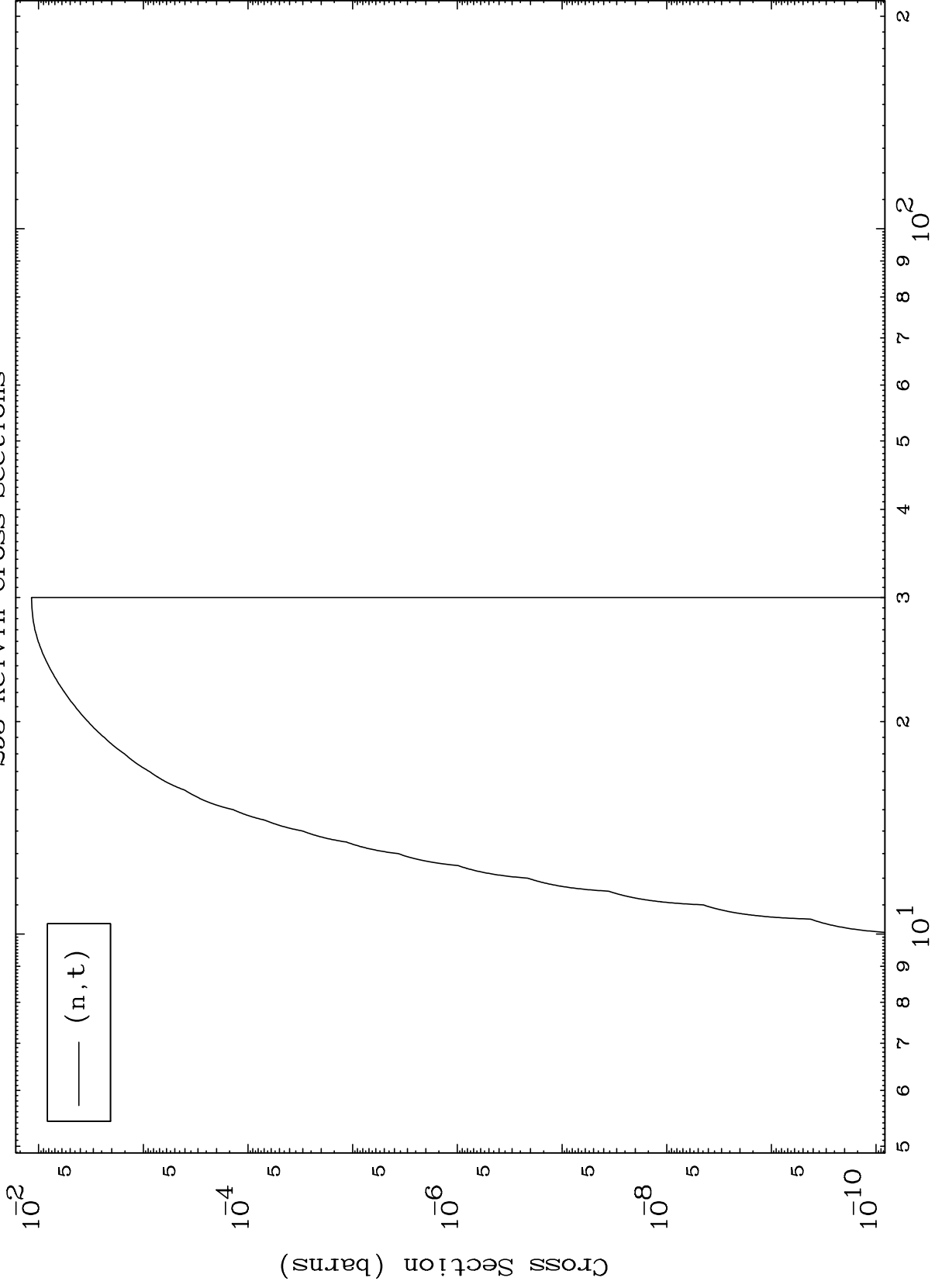
62-Sm-143m



MAT 6223

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-143m



12

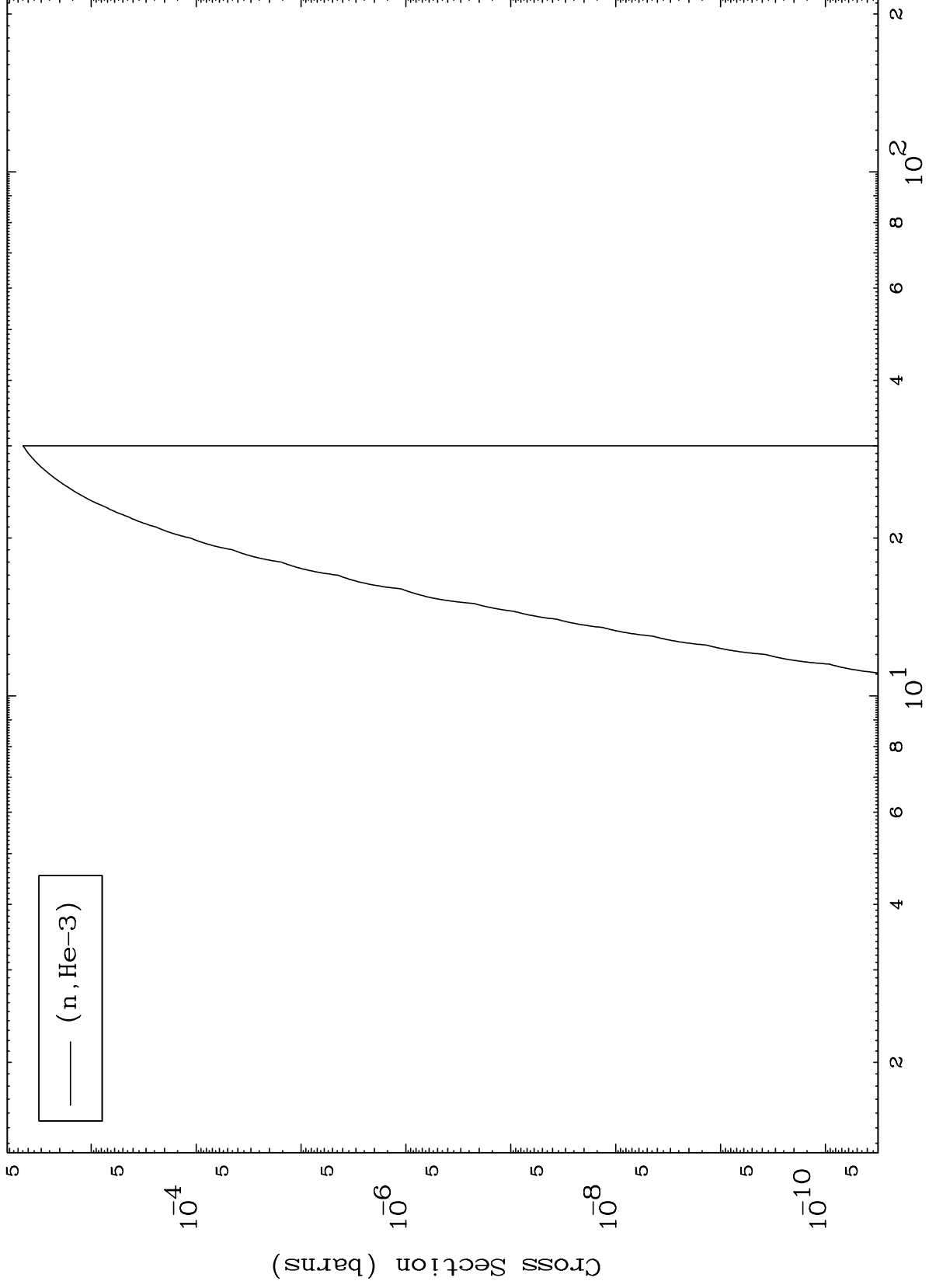
Incident Energy (MeV)

62-Sm-143m

MAT 6223

(n,He3) Levels
293 Kelvin Cross Sections

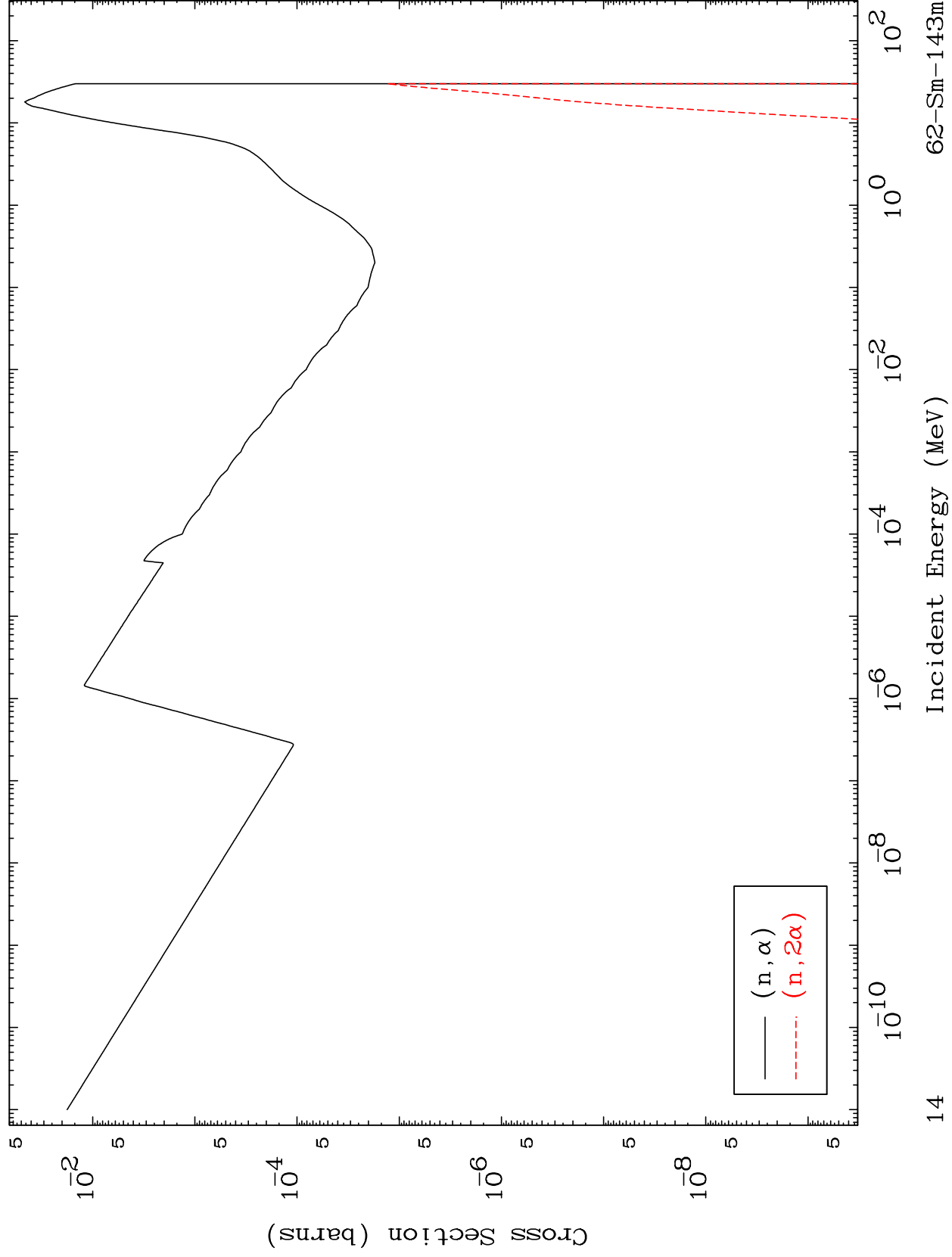
62-Sm-143m



MAT 6223

(n, α) Levels
293 Kelvin Cross Sections

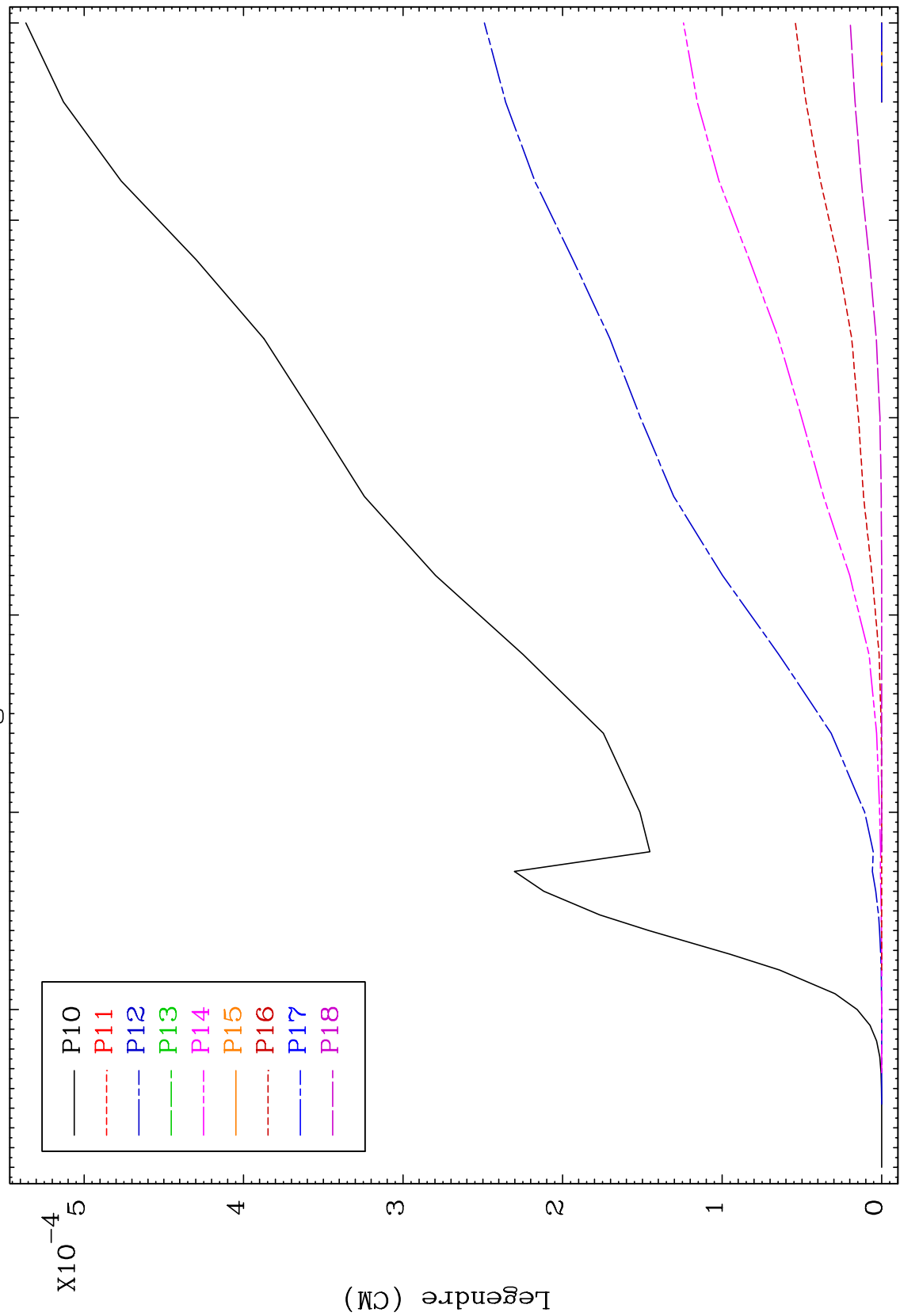
62-Sm-143m



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Elastic Legendre Coefficients

62-Sm-143m



16

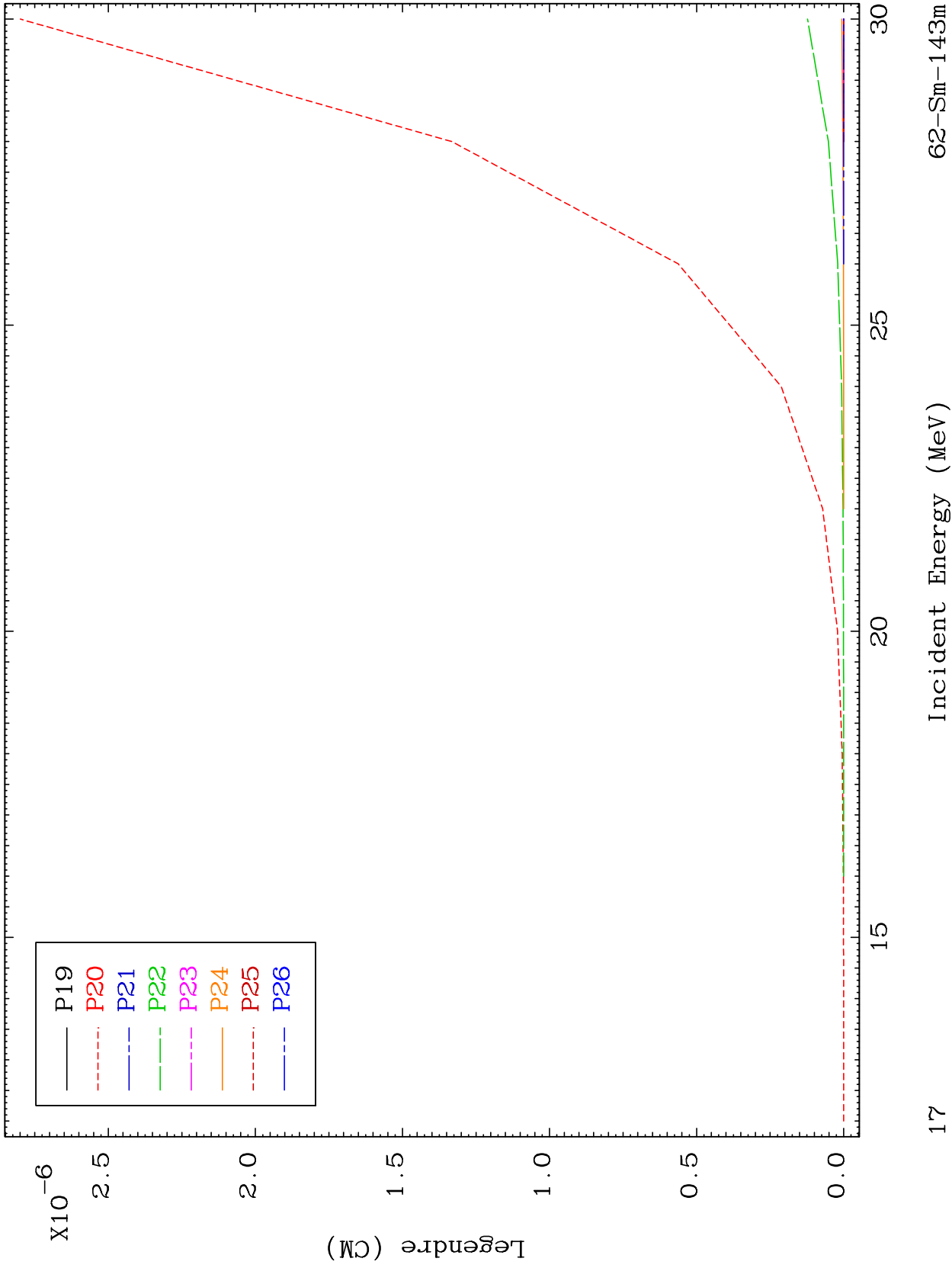
62-Sm-143m

Incident Energy (MeV)

MAT 6223

Elastic Legendre Coefficients

62-Sm-143m



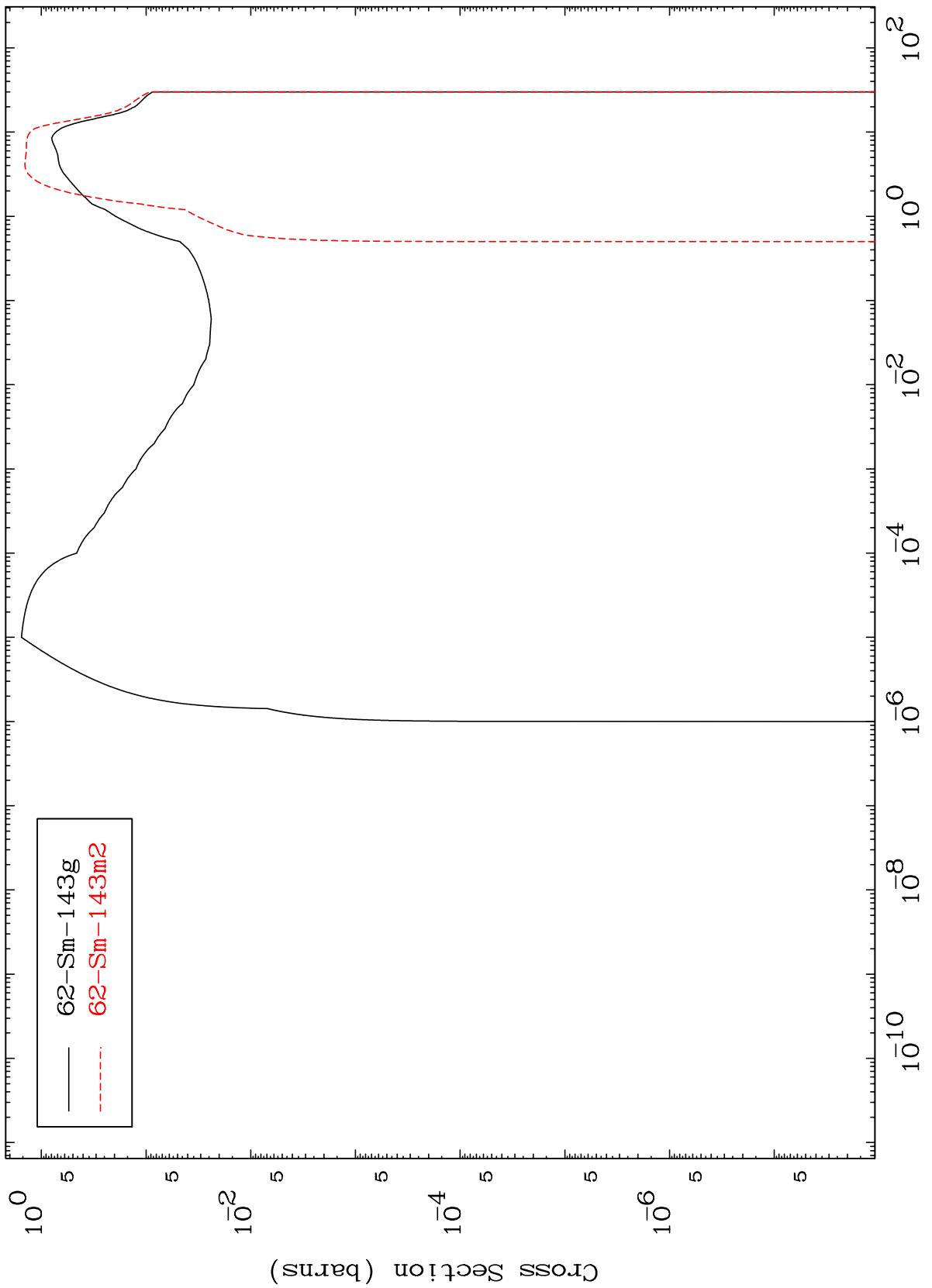
17

62-Sm-143m

MAT 6223

62-Sm-143m

Inelastic
Radionuclide Production Cross Section

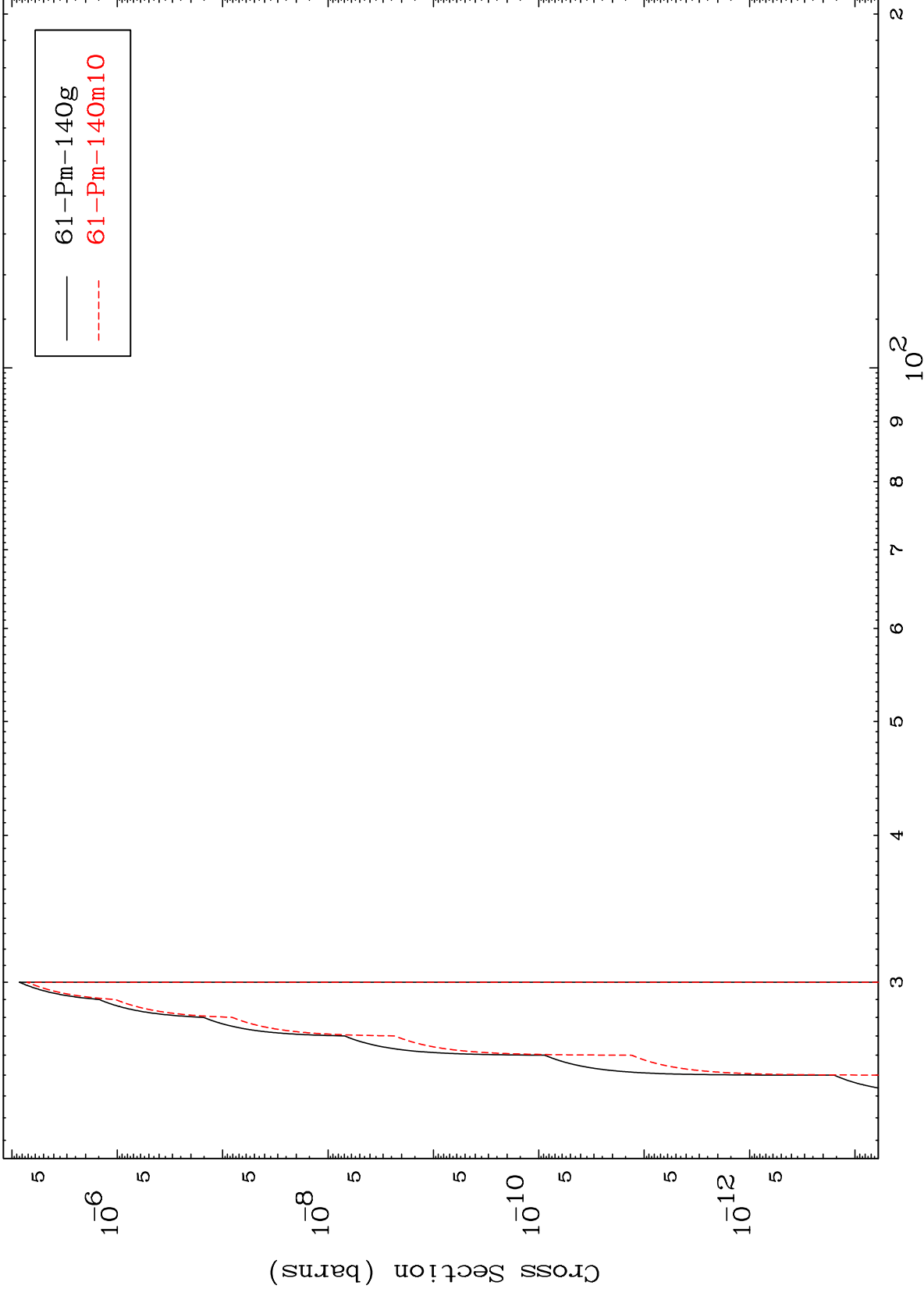


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(n,2n) d

62-Sm-143m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

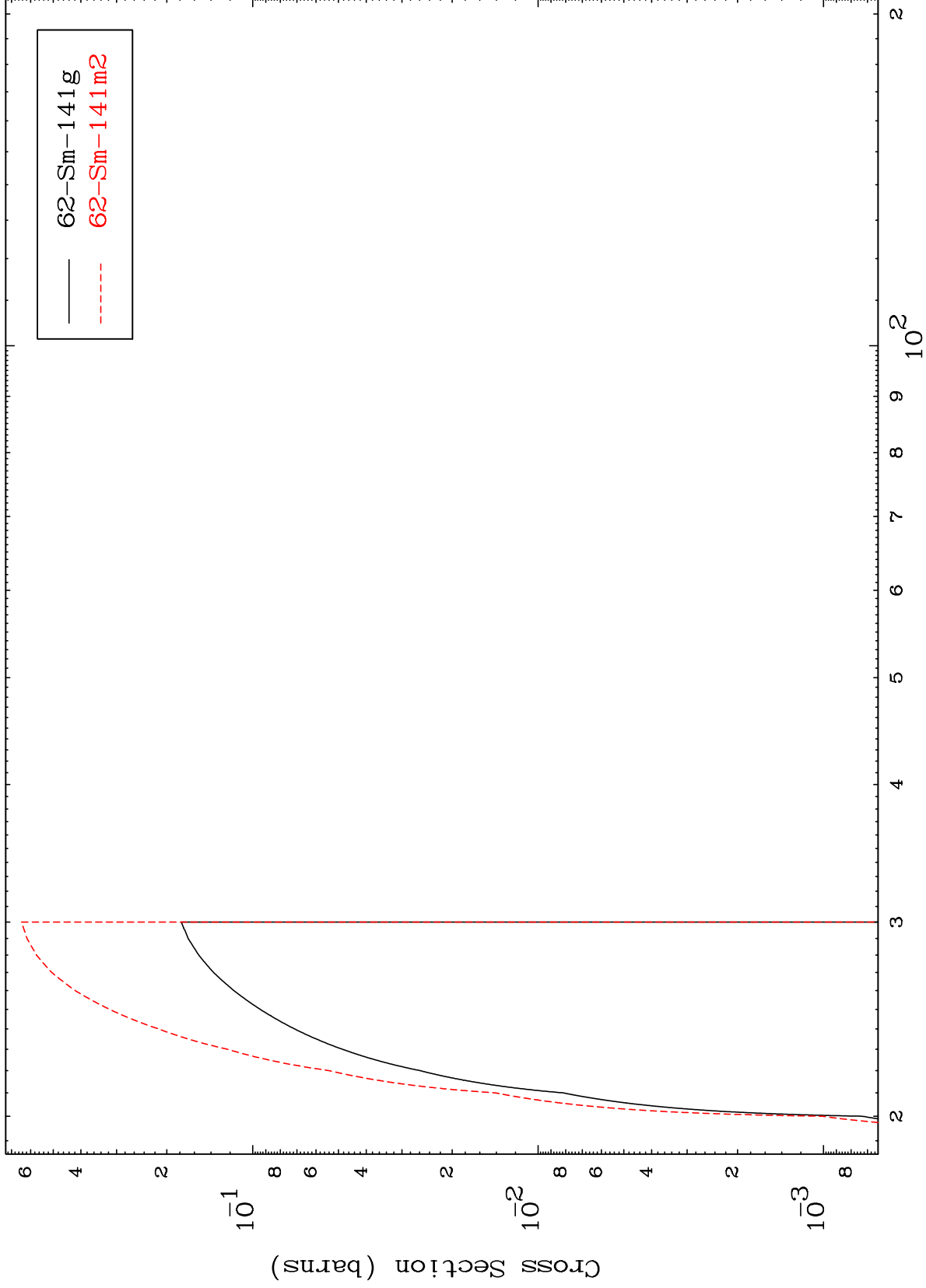
62-Sm-143m

MAT 62223

(n,3n)

62-Sm-143m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

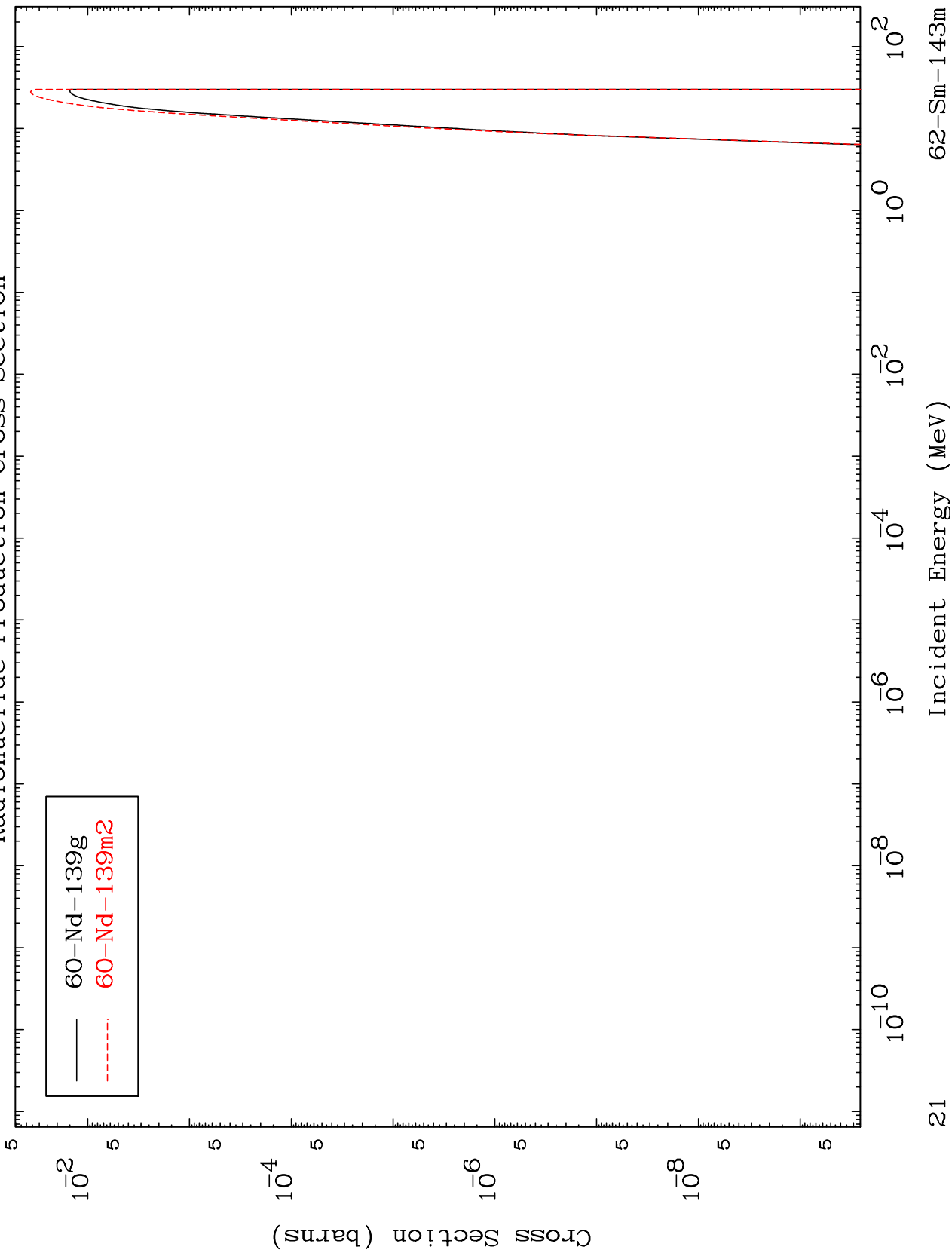
62-Sm-143m

MAT 6223

$(n, n') \alpha$

62-Sm-143m

Radionuclide Production Cross Section



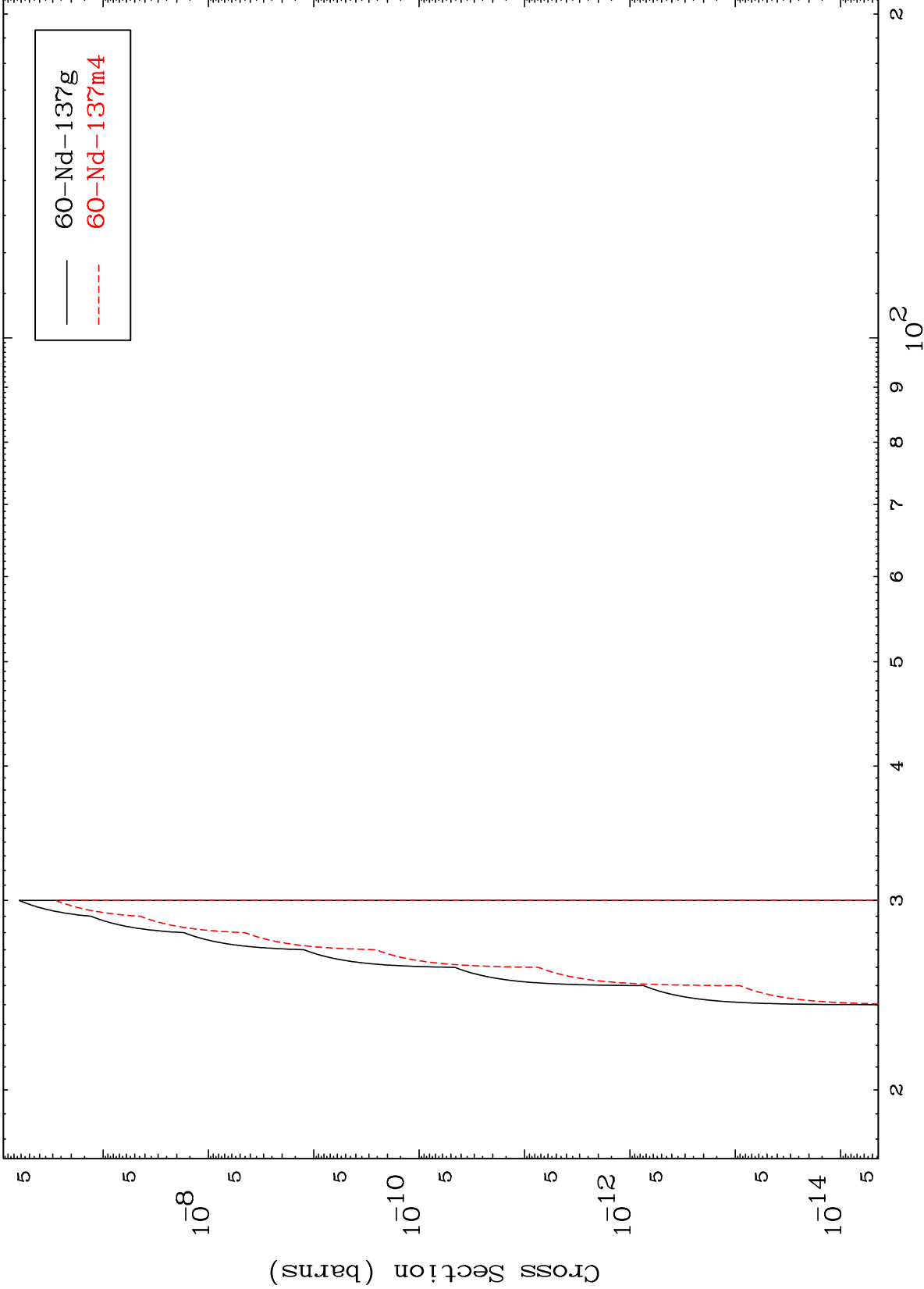
60-Nd-139g
60-Nd-139m2

MAT 6223

(n,3n) α

62-Sm-143m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

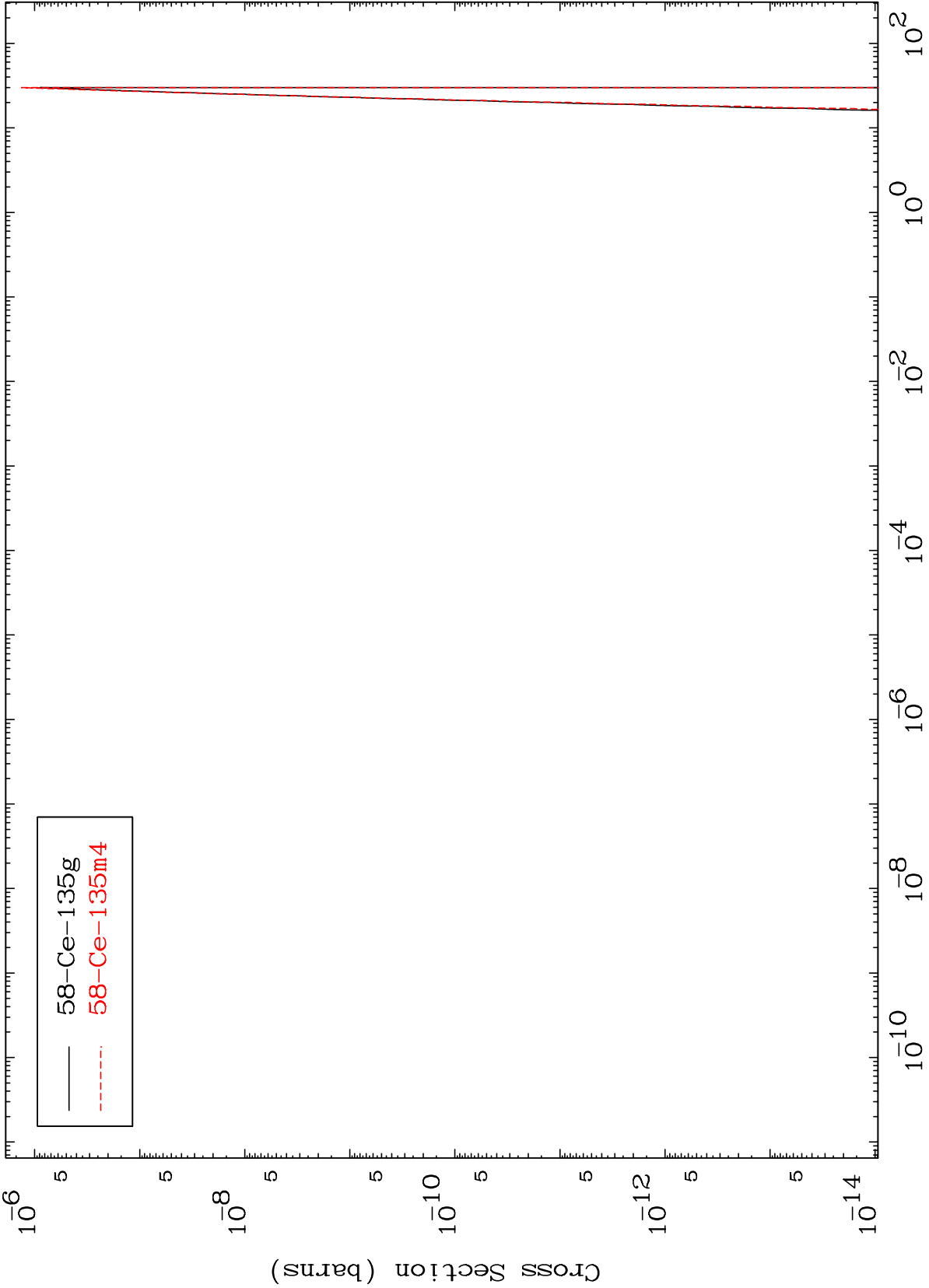
62-Sm-143m

MAT 6223

(n,n') 2 α

62-Sm-143m

Radionuclide Production Cross Section

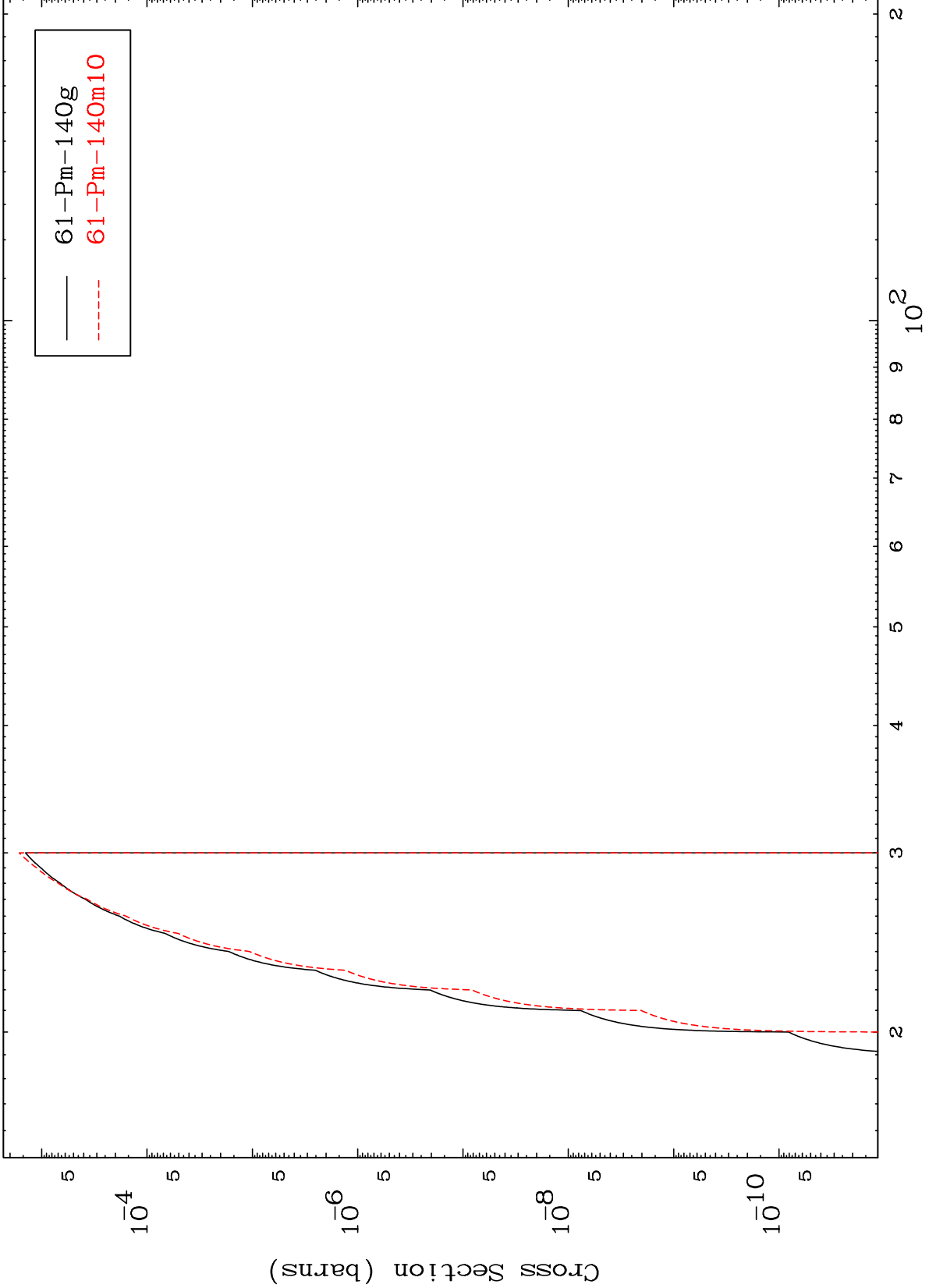


MAT 6223

(n,n') t

62-Sm-143m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

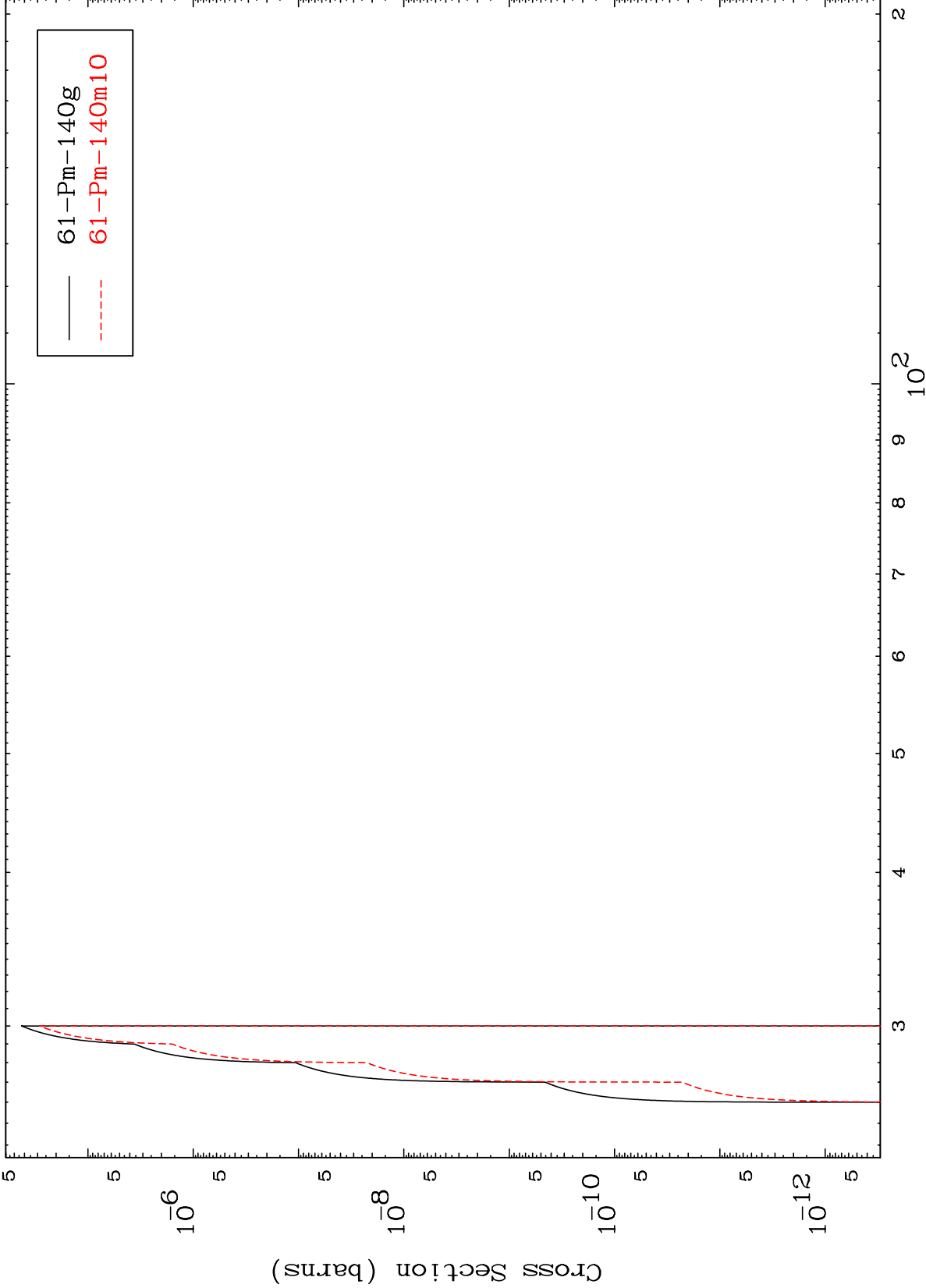
62-Sm-143m

MAT 6223

(n,3n) p

62-Sm-143m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

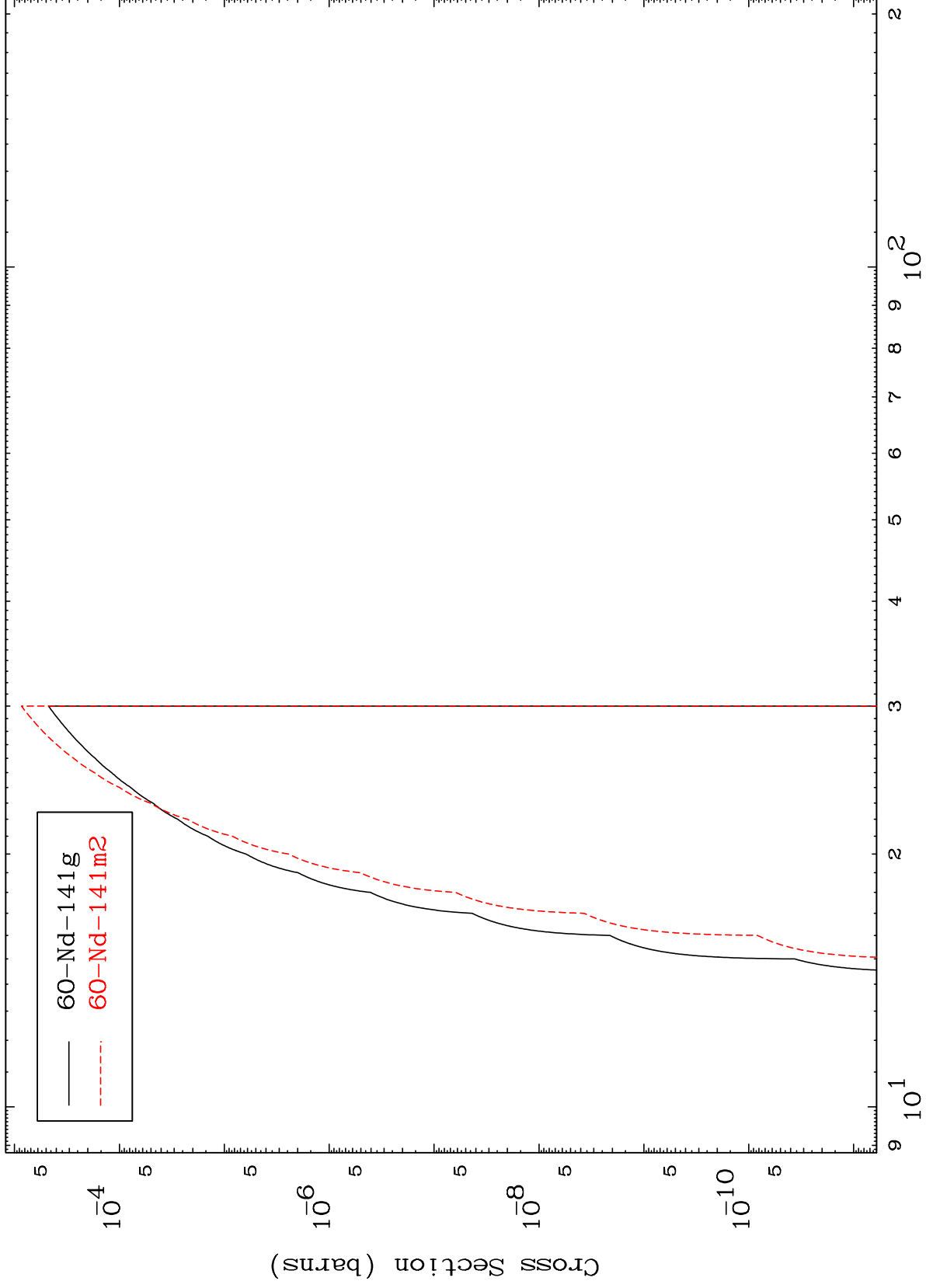
62-Sm-143m

MAT 6223

(n,2n) p

62-Sm-143m

Radionuclide Production Cross Section



60-Nd-141g
60-Nd-141m2

Incident Energy (MeV)

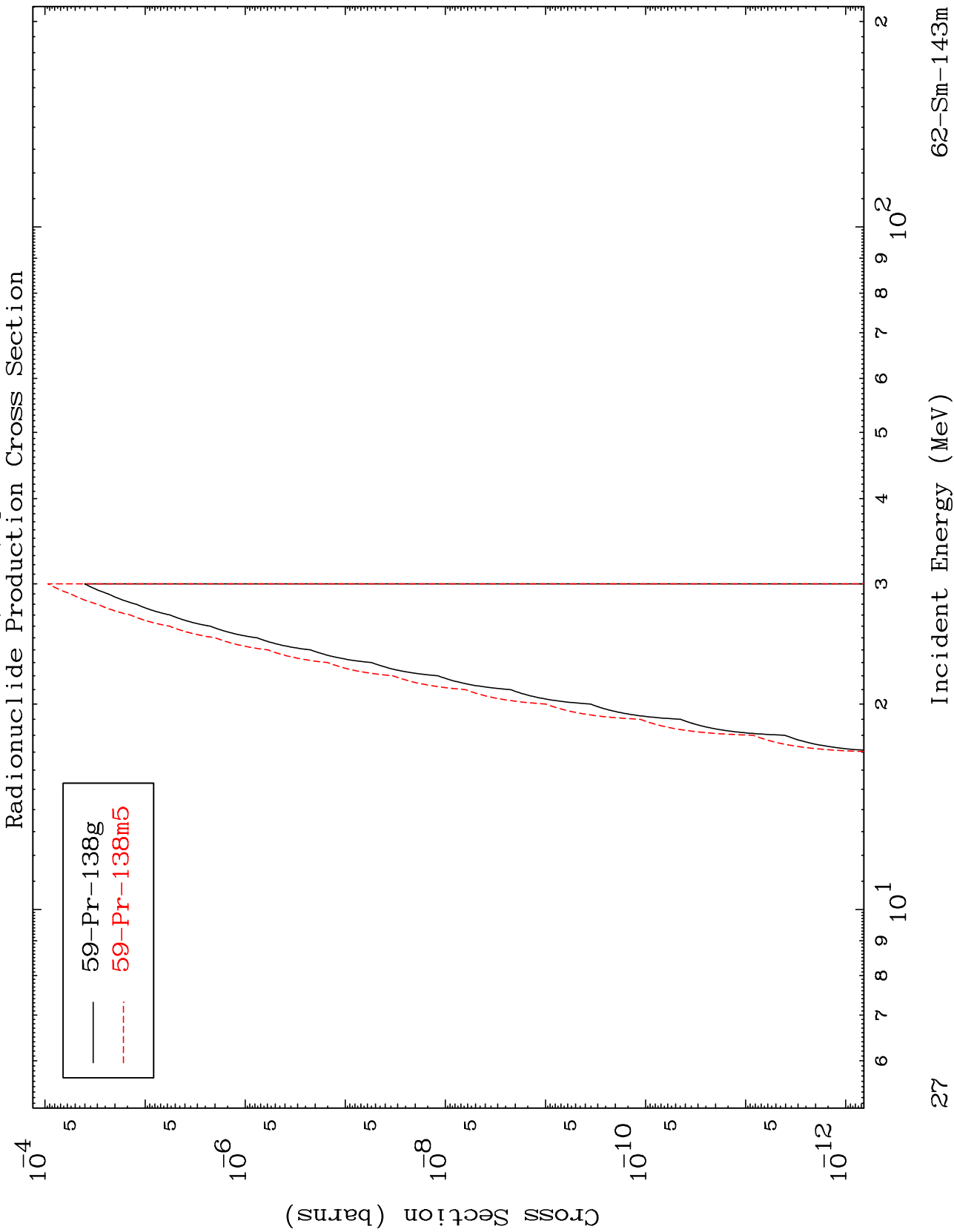
62-Sm-143m

26

MAT 6223

(n,n') p α

62-Sm-143m



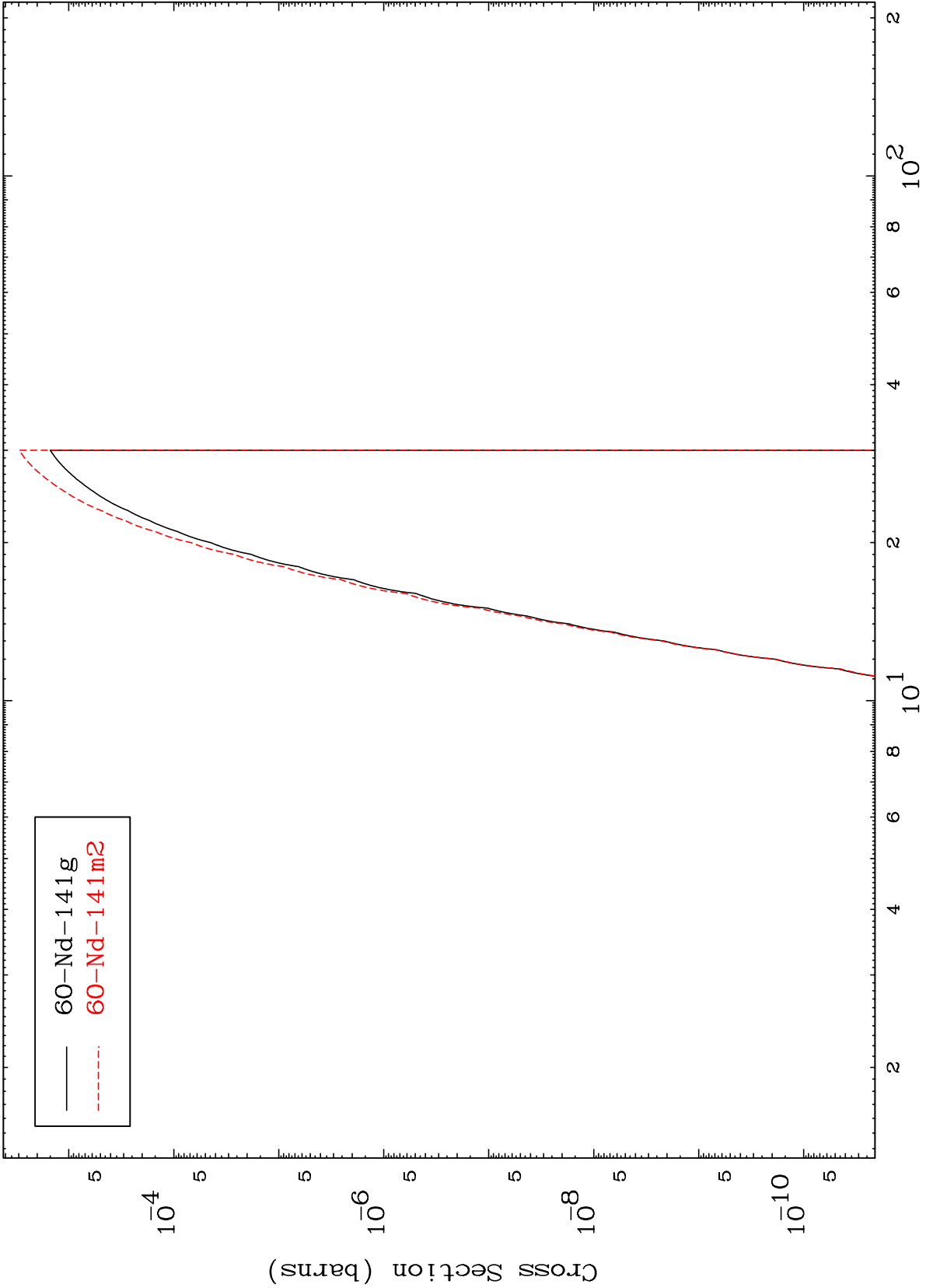
59-Pr-138g
59-Pr-138m5

MAT 6223

(n,He-3)

62-Sm-143m

Radionuclide Production Cross Section

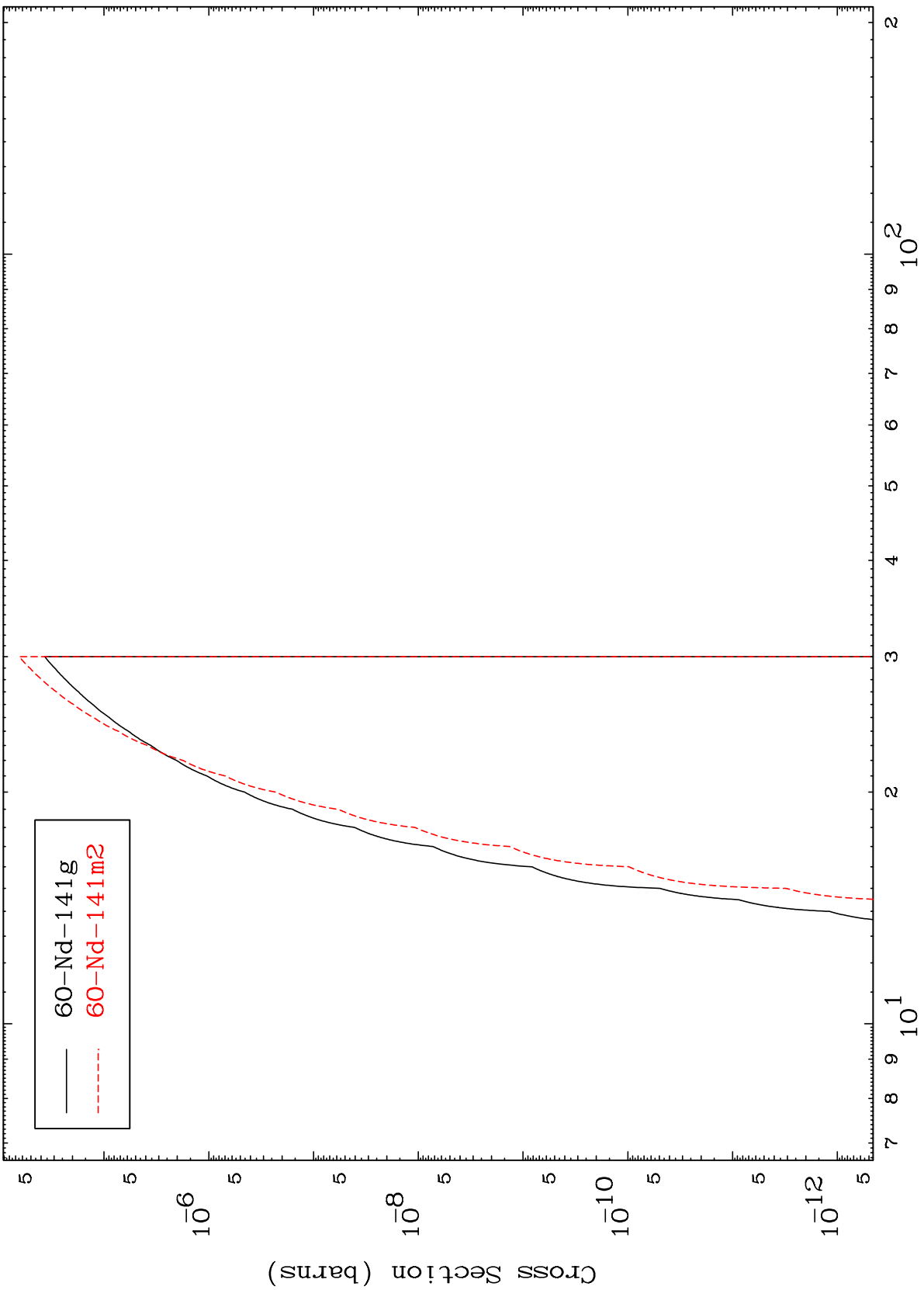


MAT 6223

(n,p) d

62-Sm-143m

Radionuclide Production Cross Section



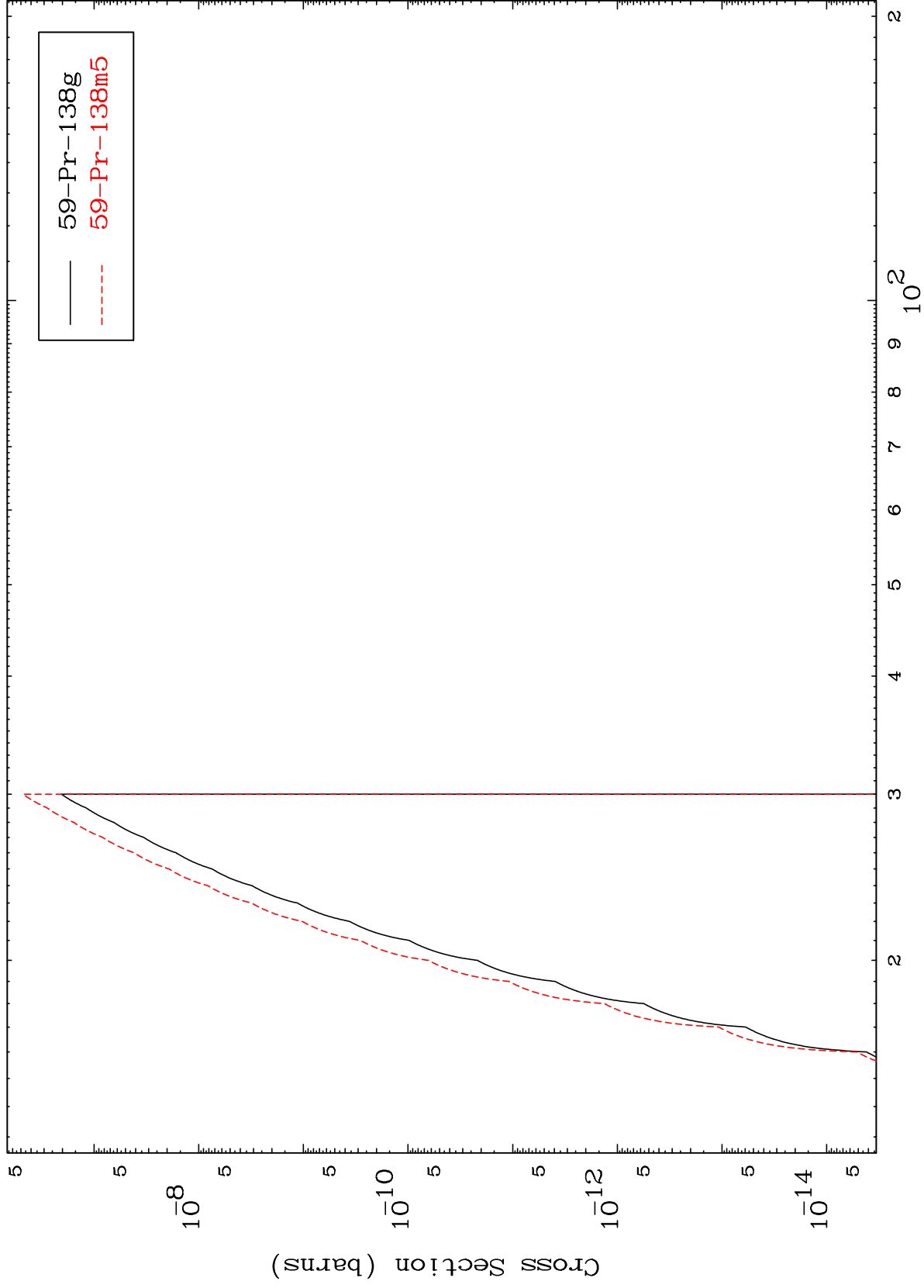
60-Nd-141g
60-Nd-141m2

MAT 6223

(n,d) α

62-Sm-143m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

62-Sm-143m