

Program EVALPLOT
(Version 2017-1)

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

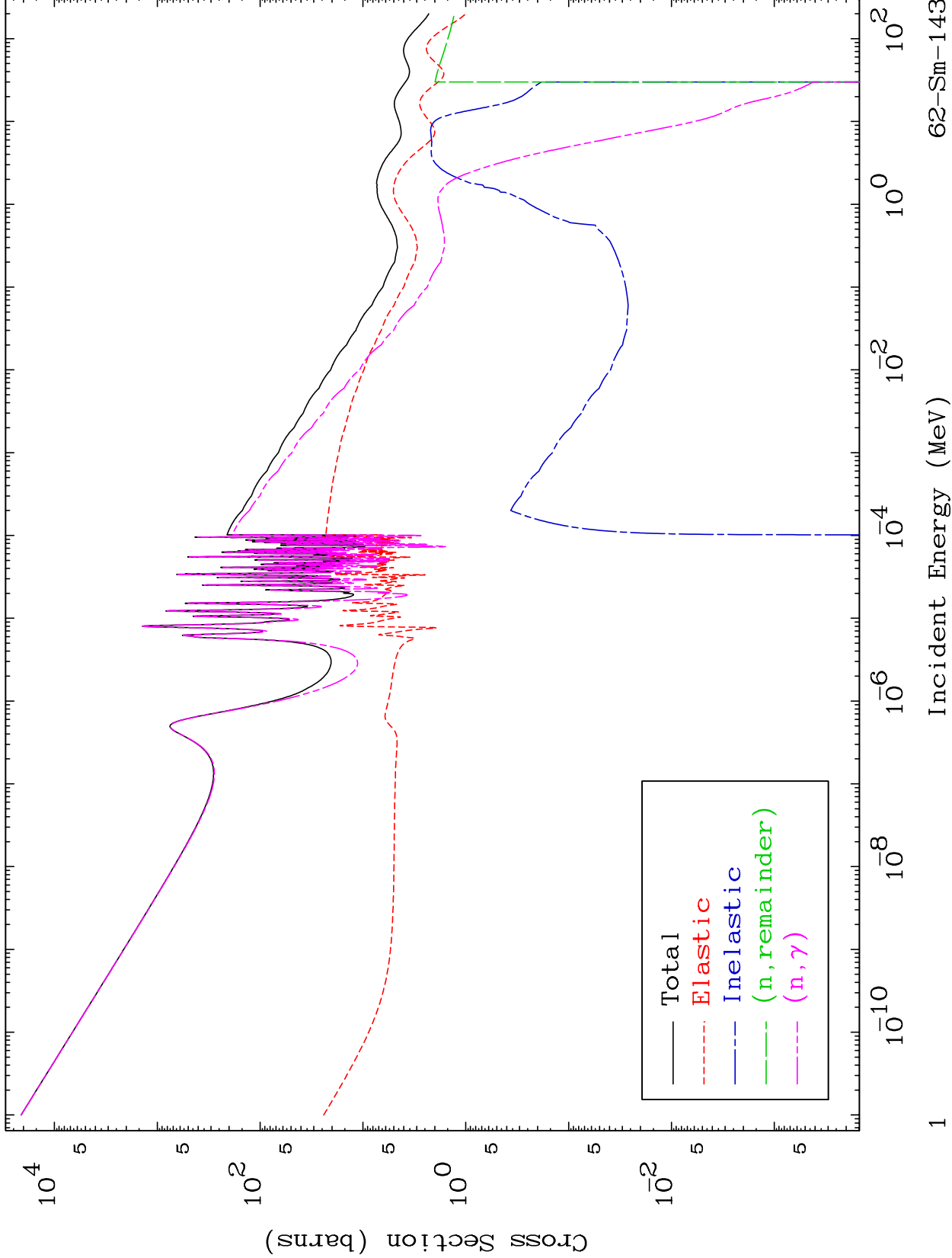
Press Mouse Button to Start

MAT 6223

Major

293 Kelvin Cross Sections

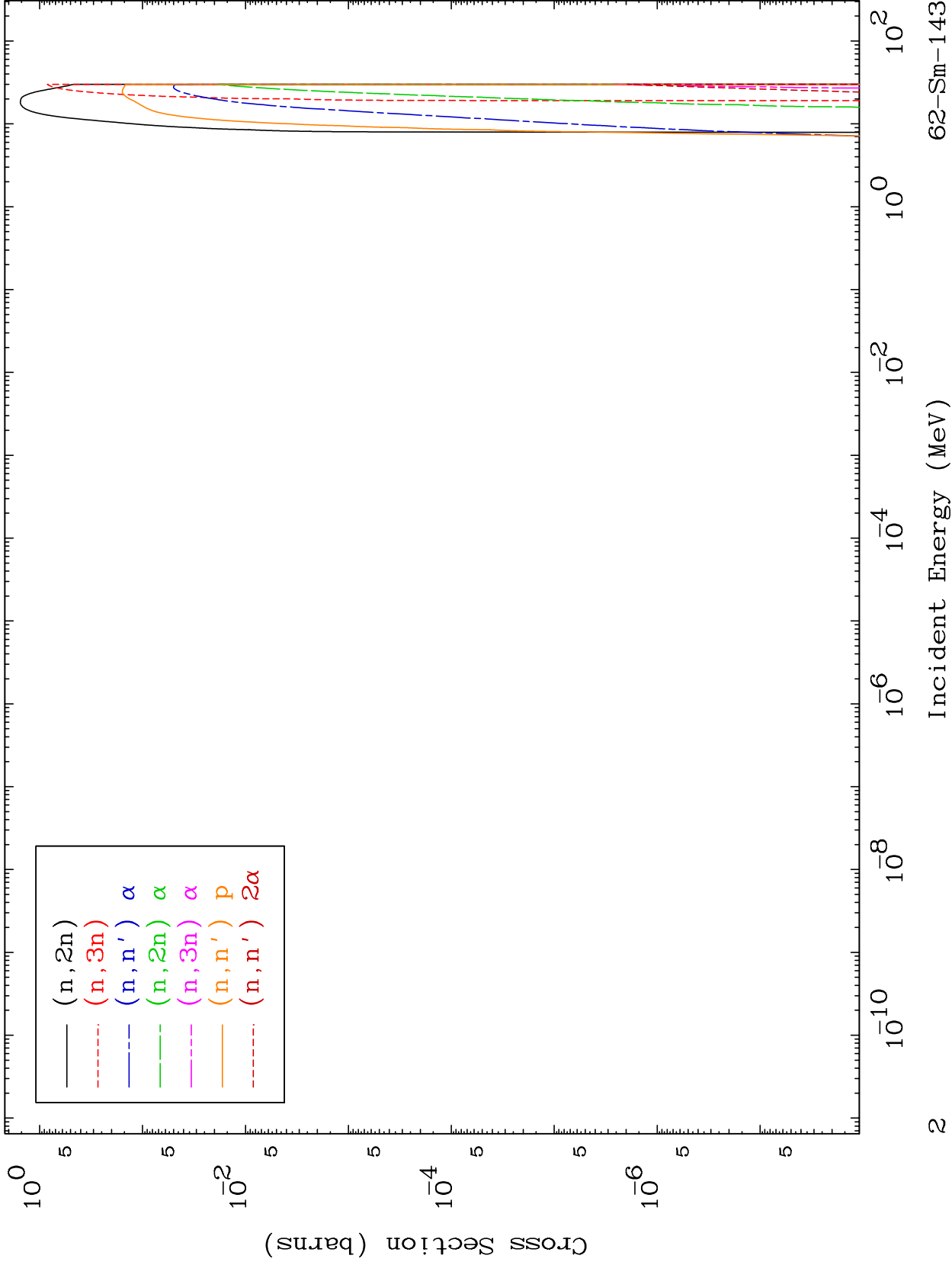
62-Sm-143

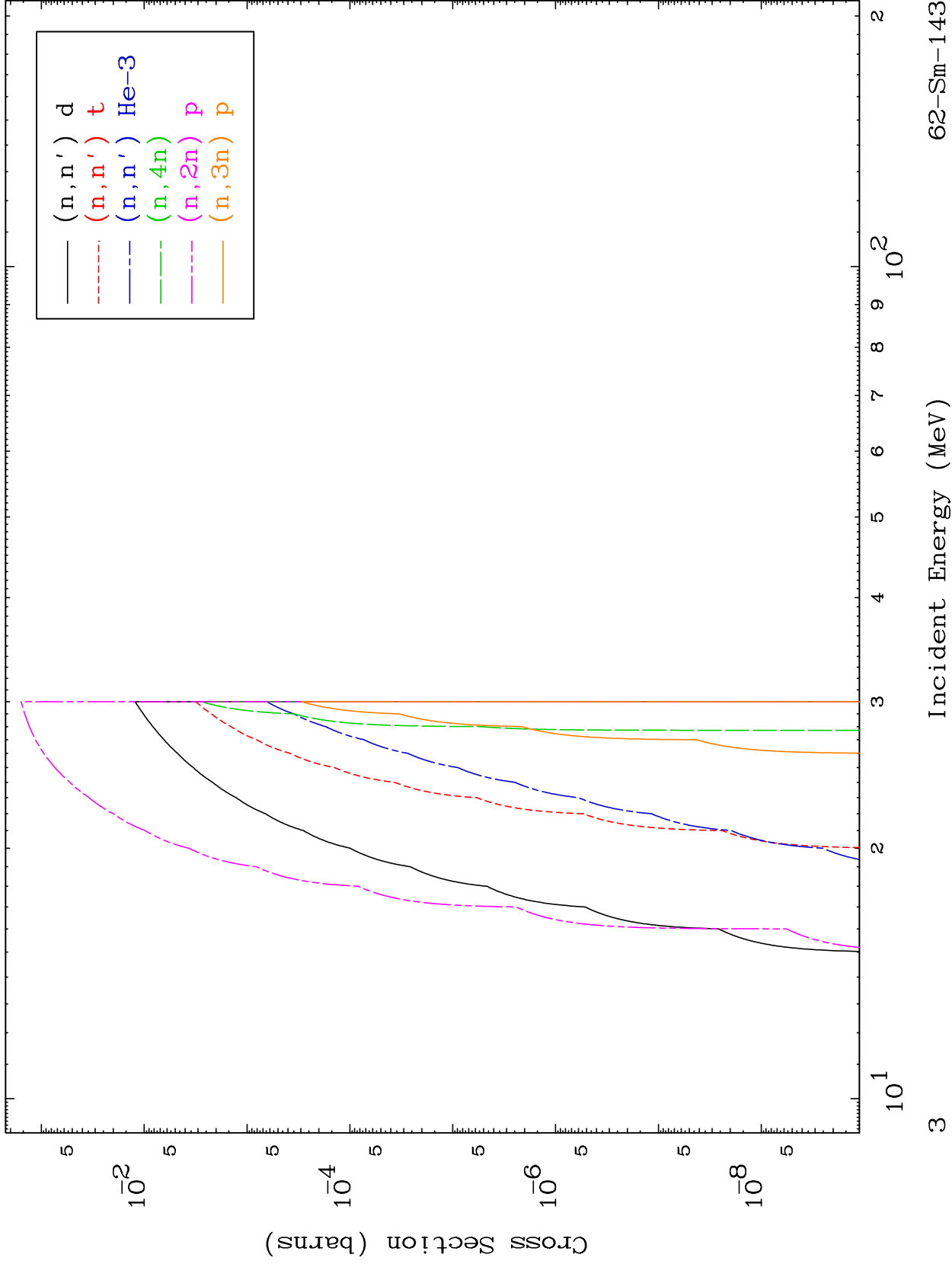


MAT 6223

Neutron Production
293 Kelvin Cross Sections

62-Sm-143

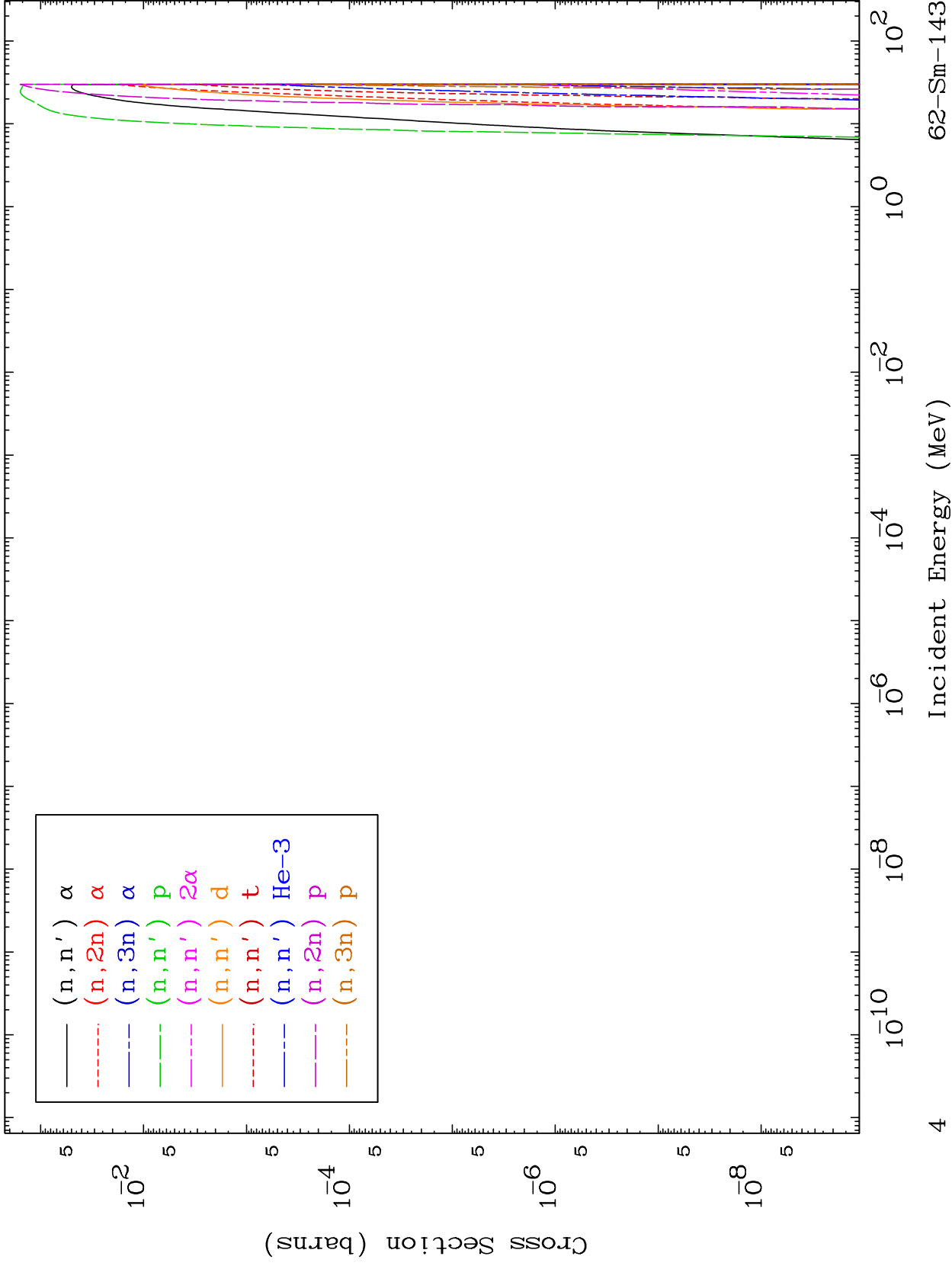




MAT 6223

Charged Particle
293 Kelvin Cross Sections

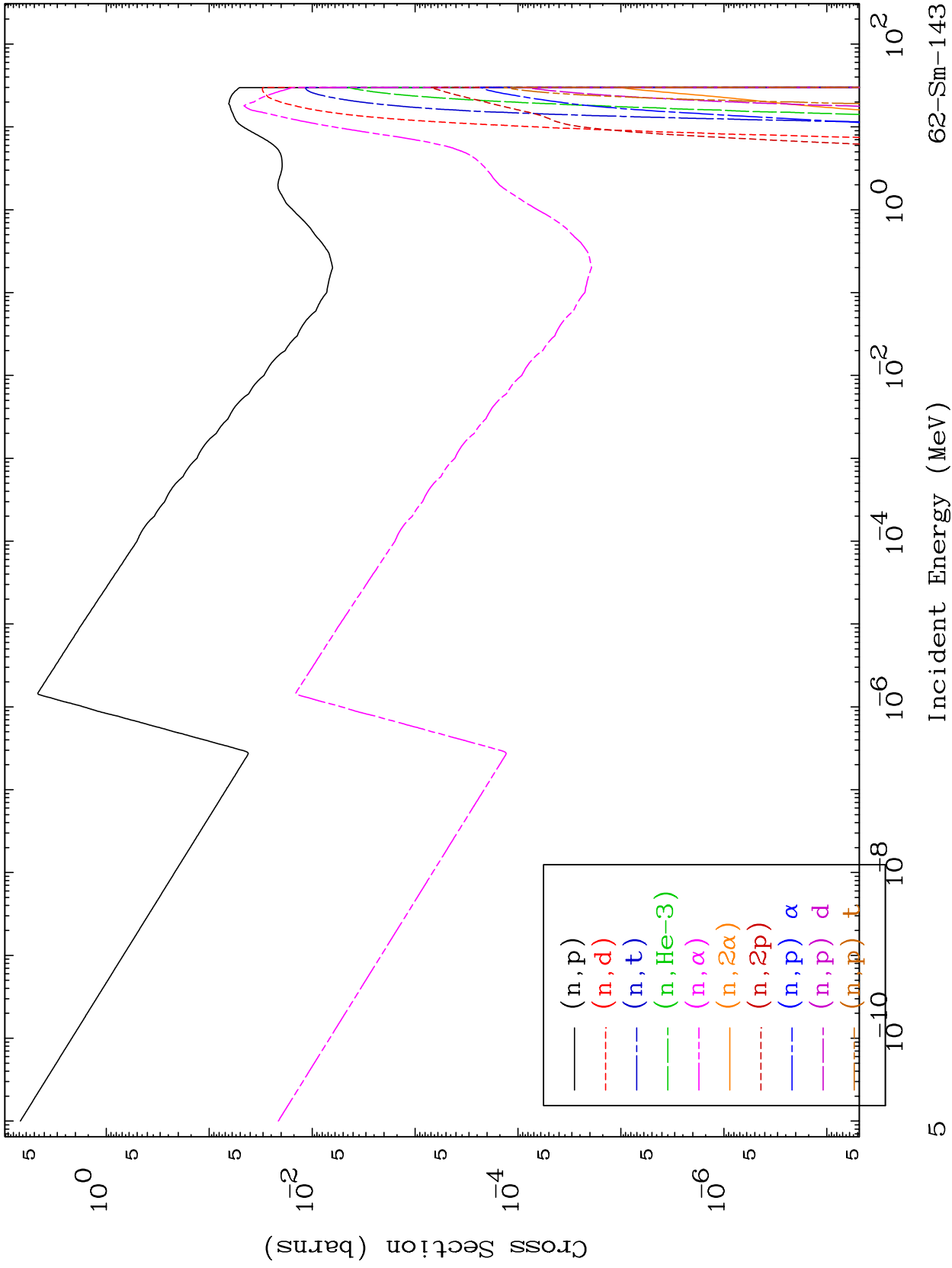
62-Sm-143



MAT 6223

Charged Particle
293 Kelvin Cross Sections

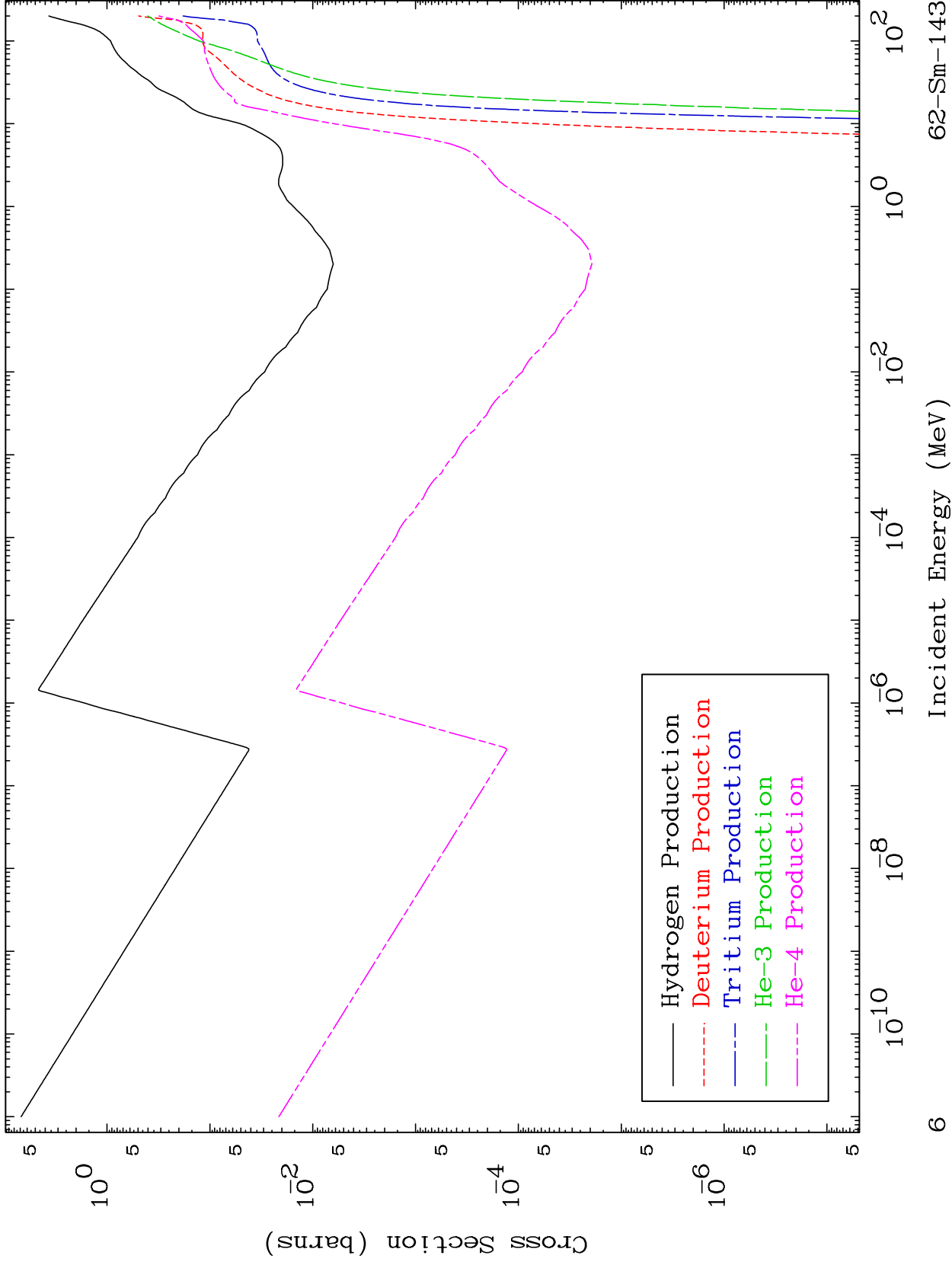
62-Sm-143



MAT 6223

Particle Production
293 Kelvin Cross Sections

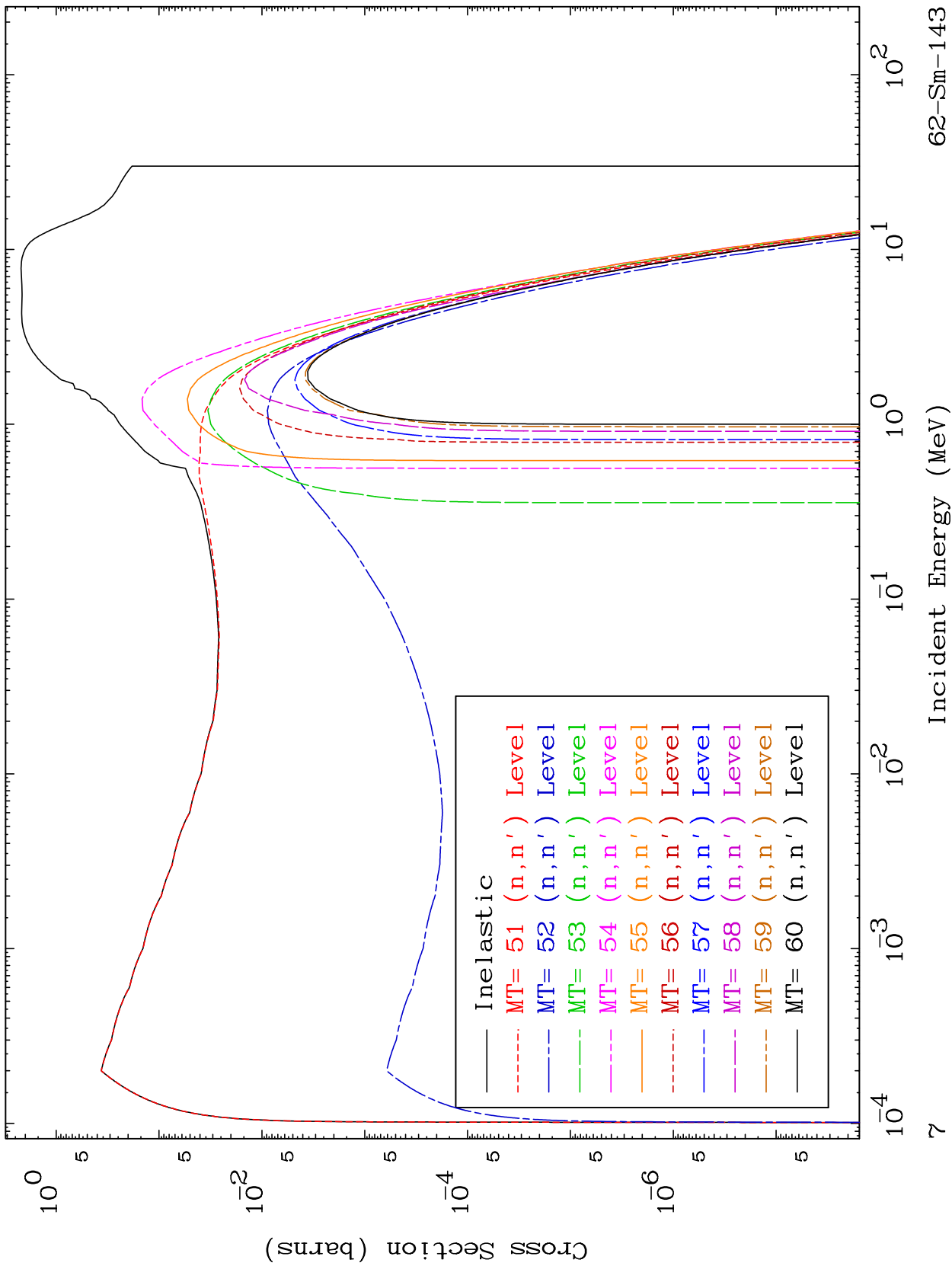
62-Sm-143



MAT 6223

(n,n') Level
293 Kelvin Cross Sections

62-Sm-143



62-Sm-143

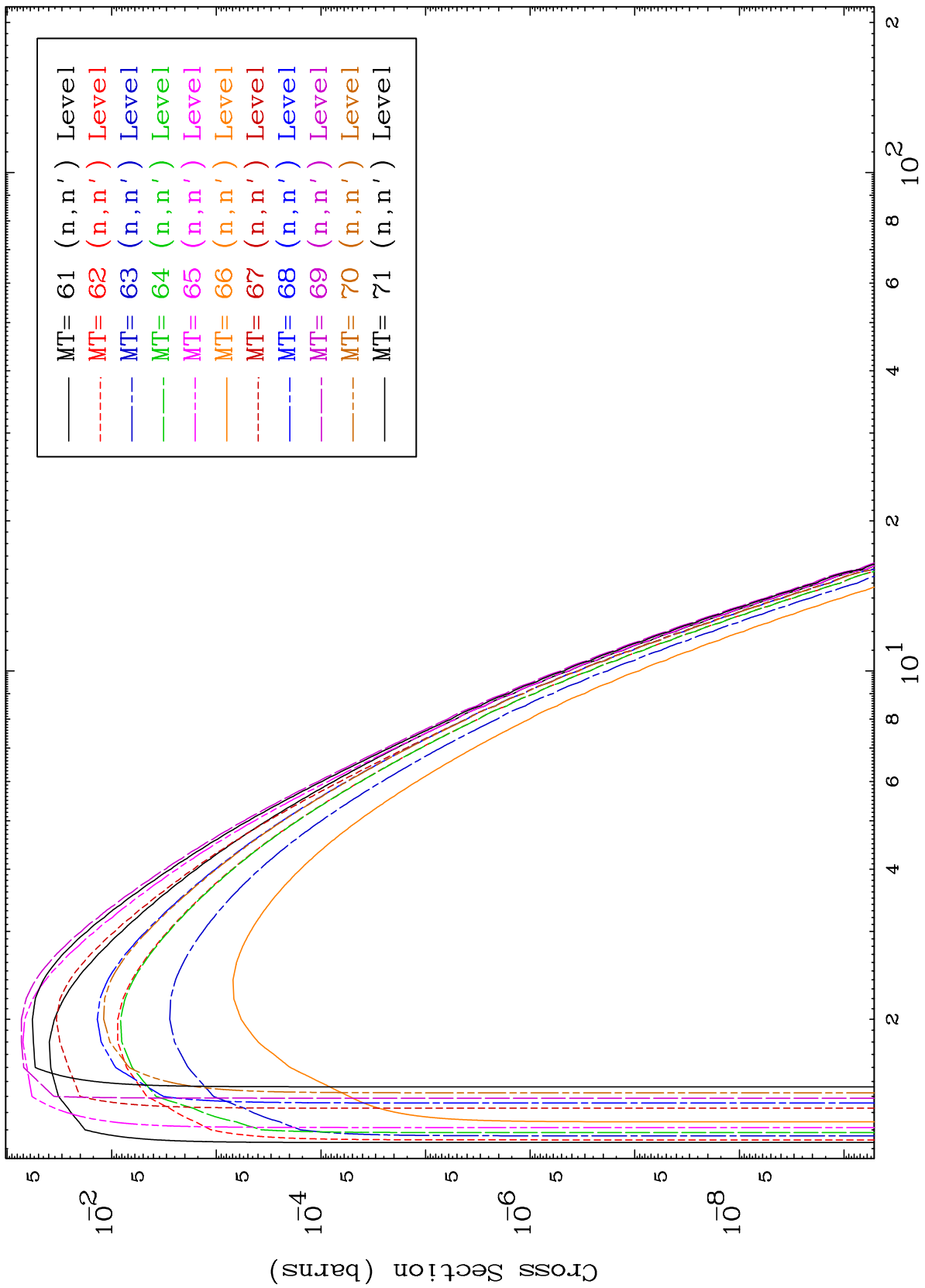
Incident Energy (MeV)

MAT 6223

(n,n') Level

62-Sm-143

293 Kelvin Cross Sections

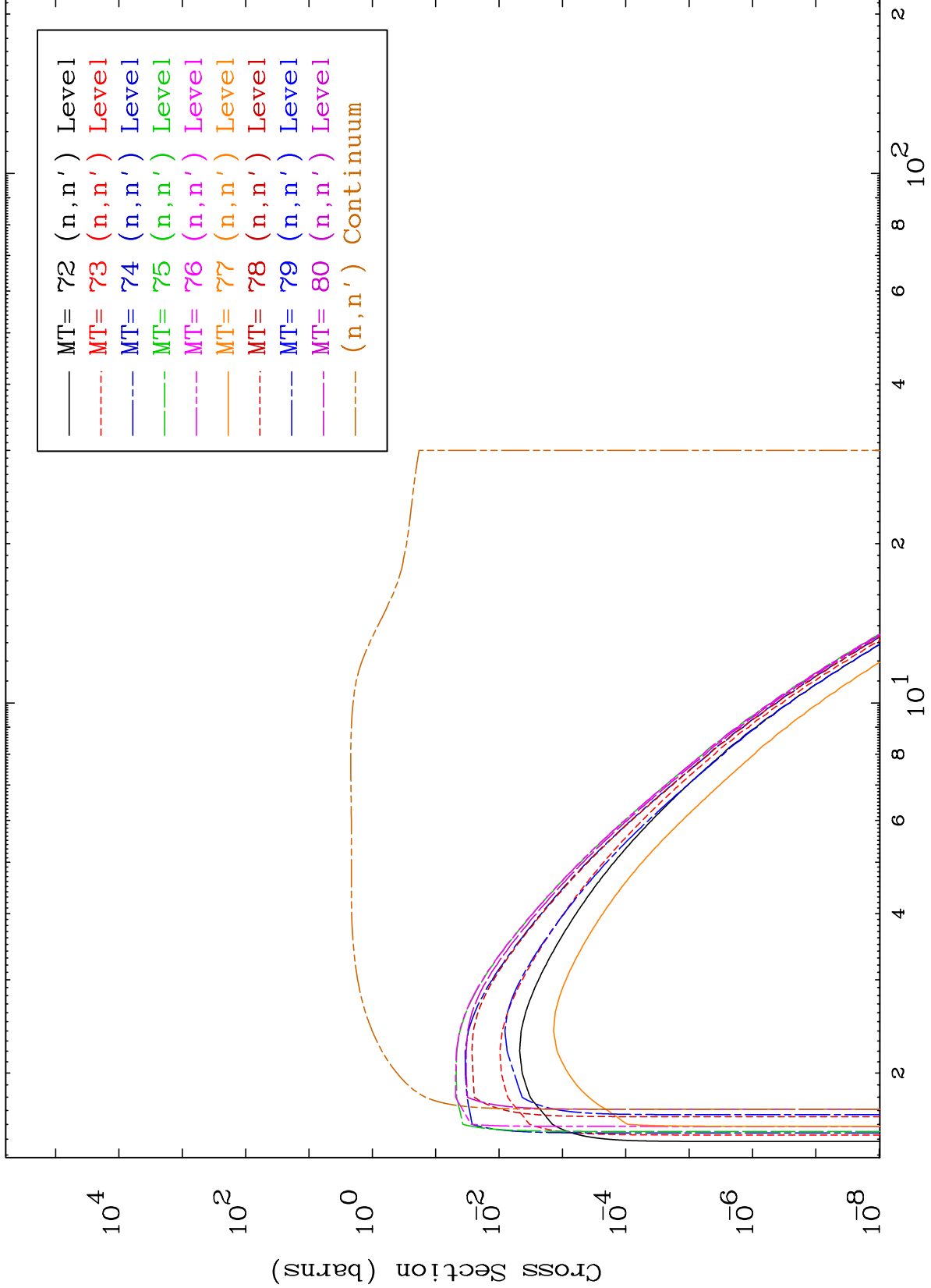


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Incident Energy (MeV)

62-Sm-143

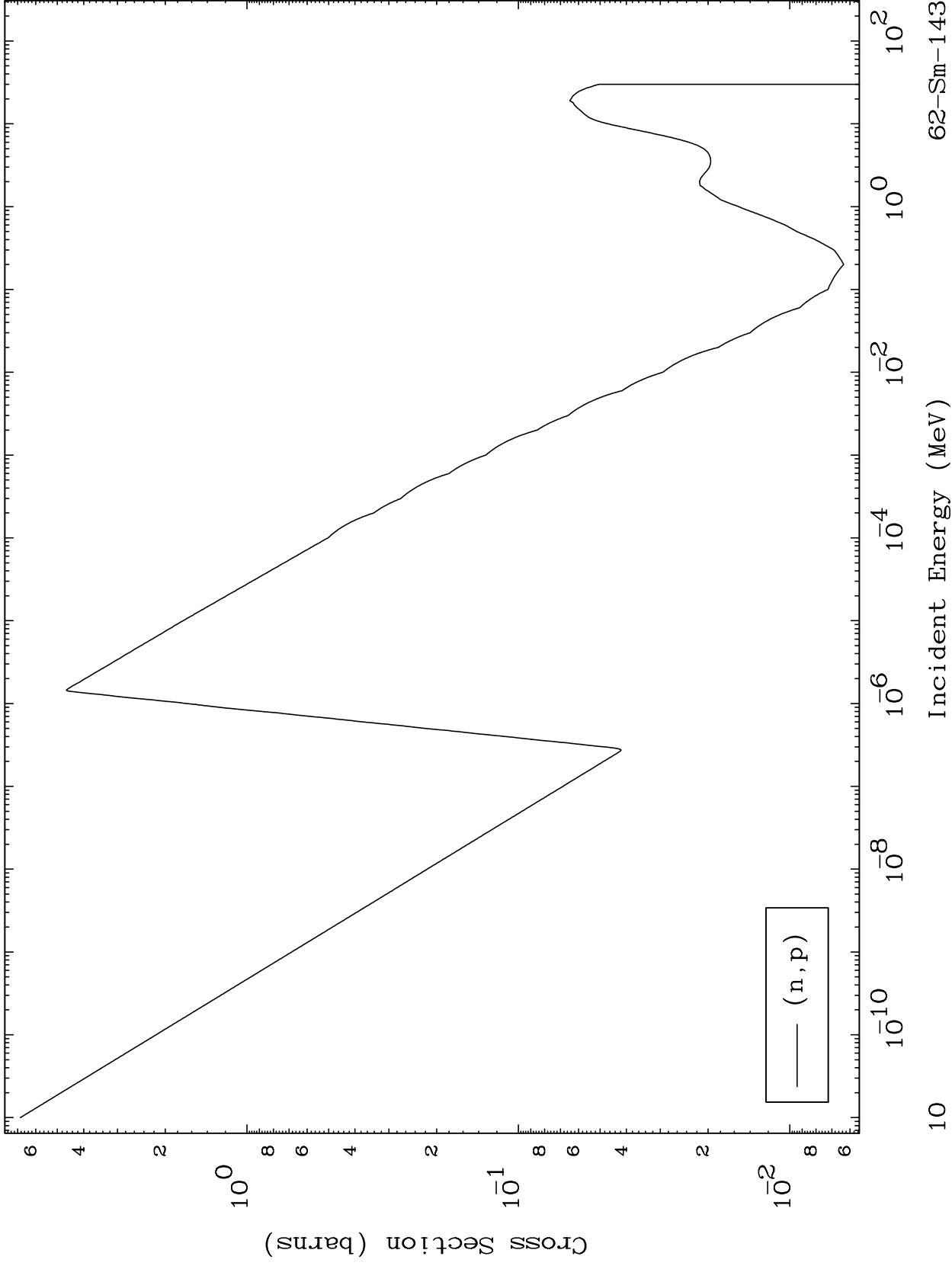
293 Kelvin Cross Sections



MAT 6223

(n,p) Levels
293 Kelvin Cross Sections

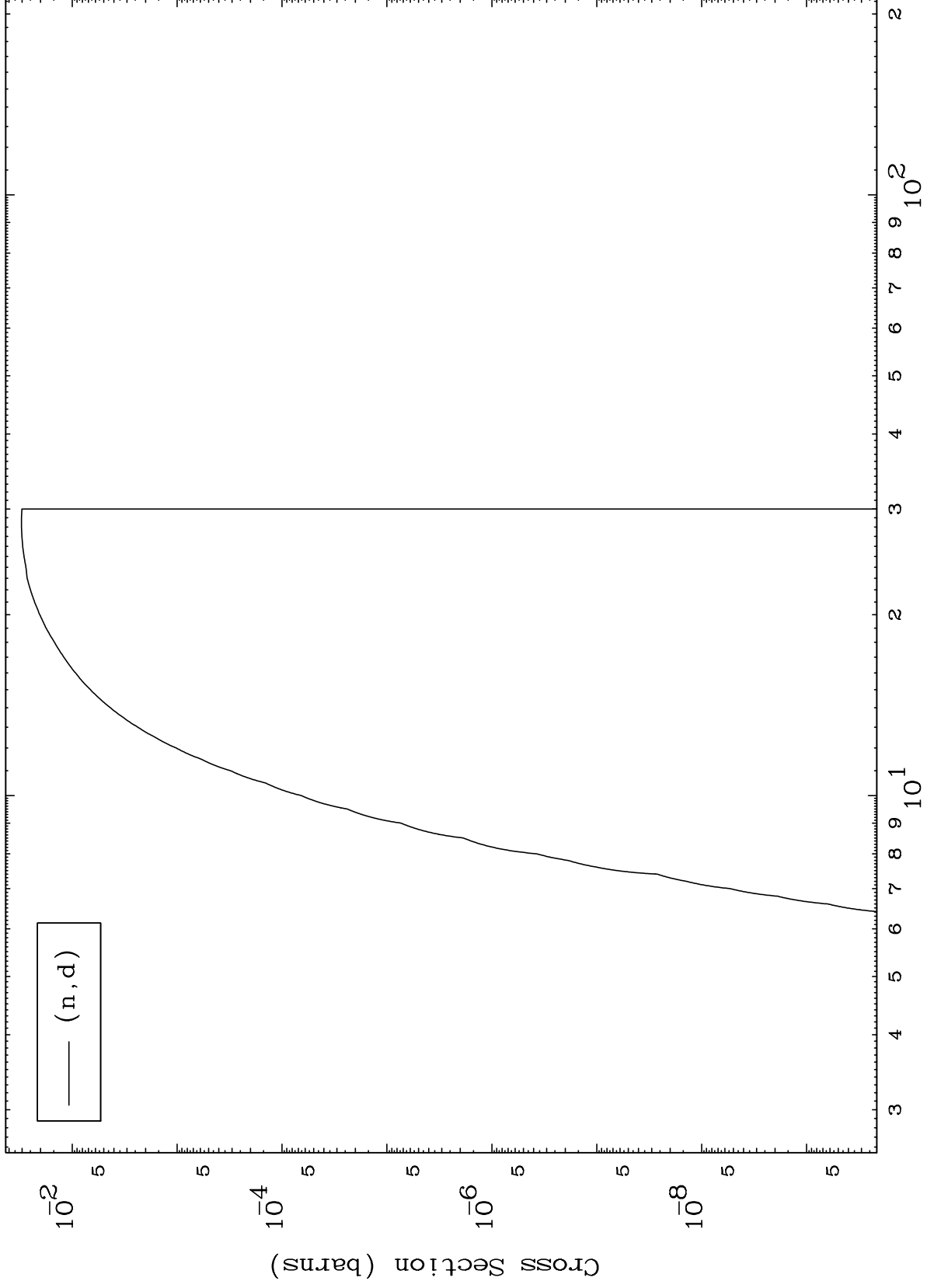
62-Sm-143



MAT 6223

(n,d) Levels
293 Kelvin Cross Sections

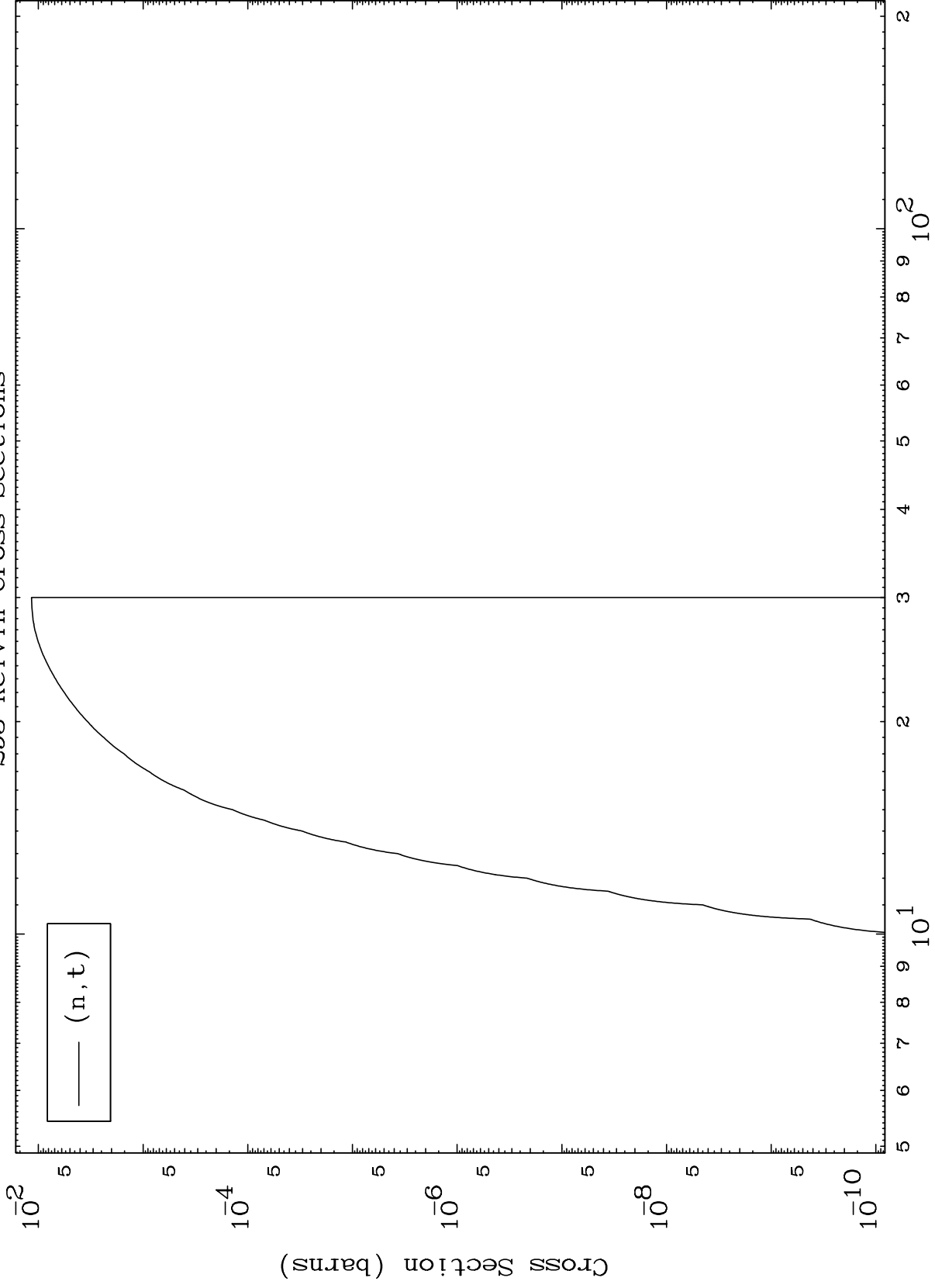
62-Sm-143



MAT 6223

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-143



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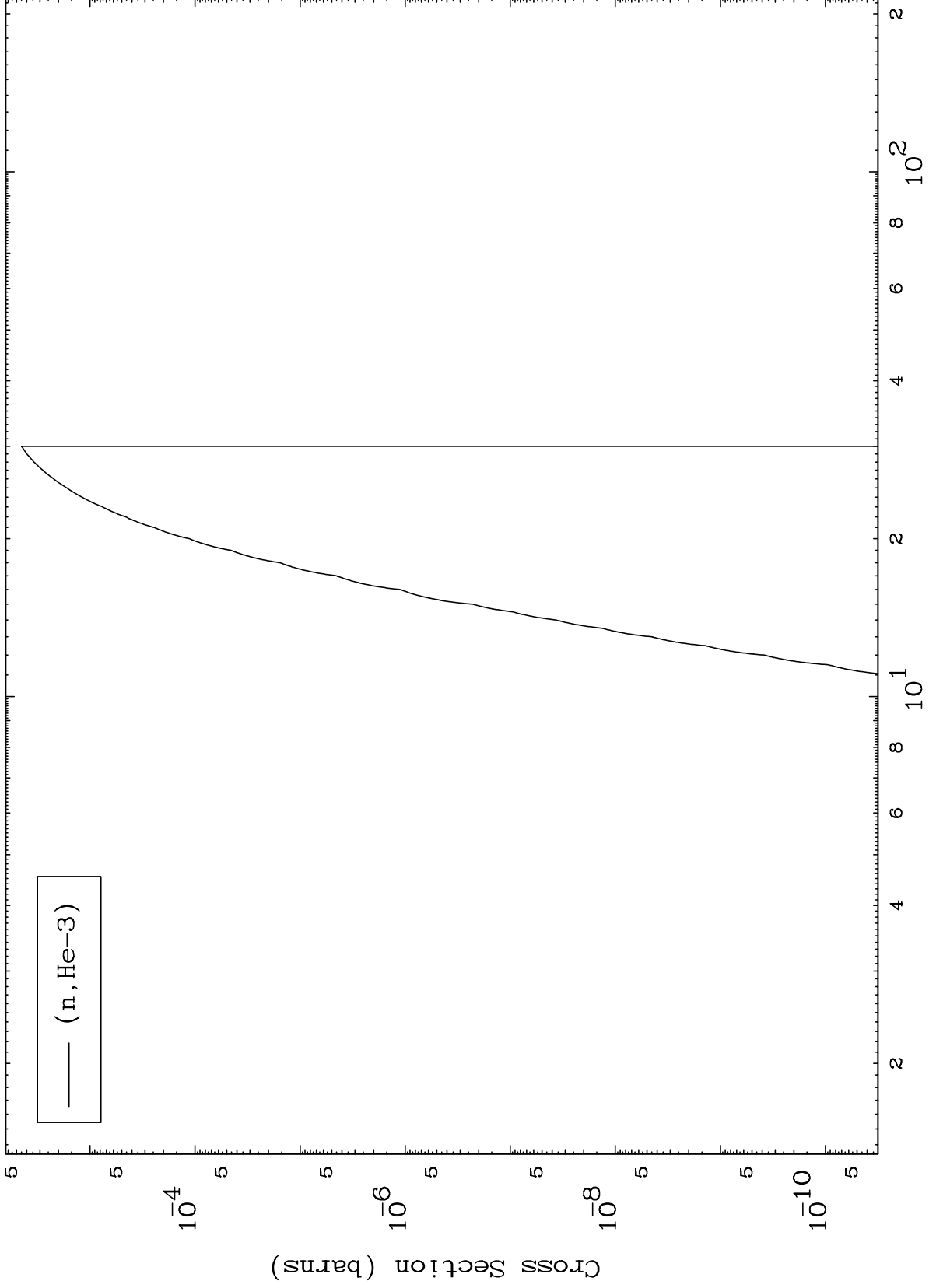
Incident Energy (MeV)

62-Sm-143

MAT 6223

(n,He3) Levels
293 Kelvin Cross Sections

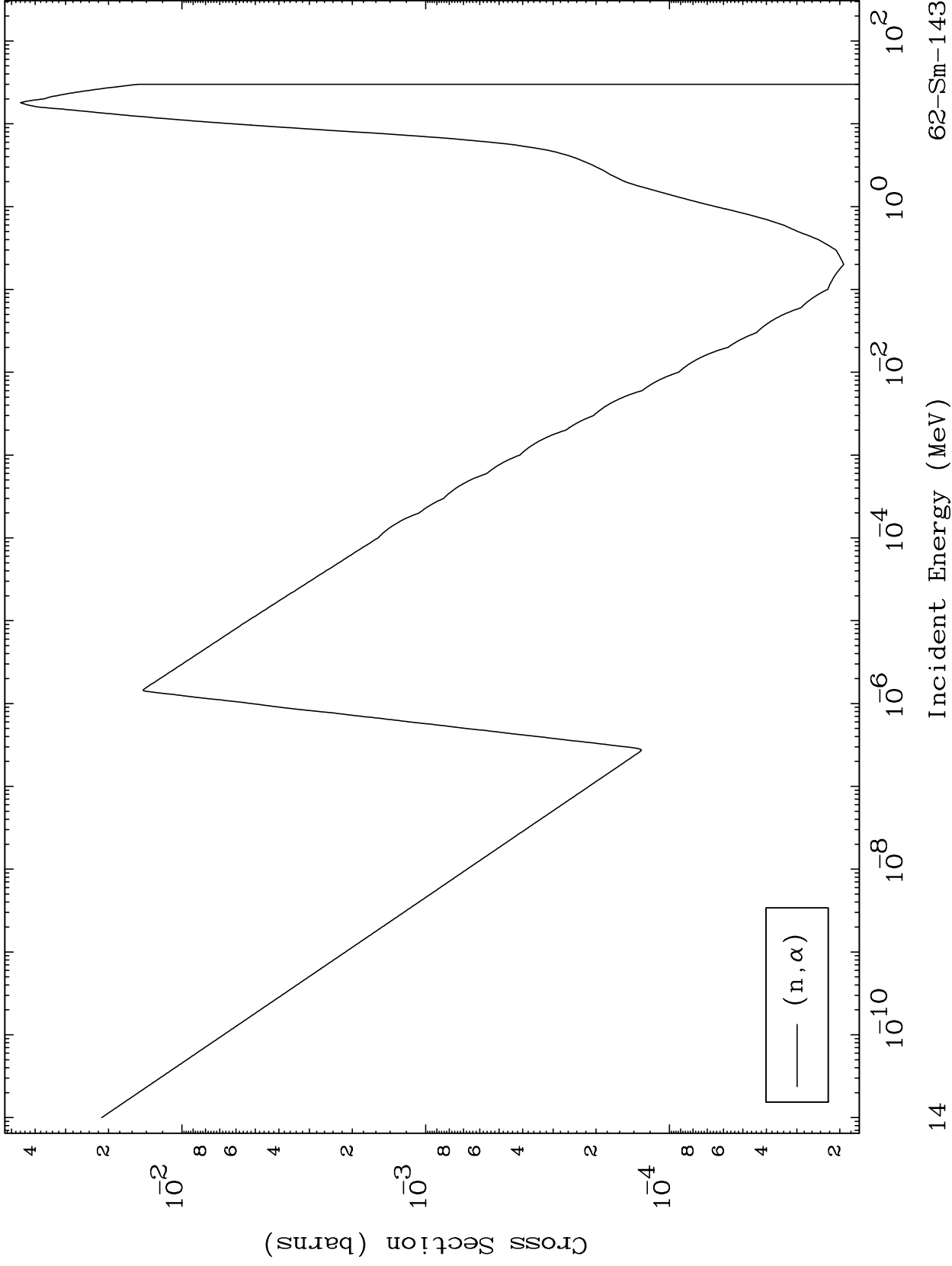
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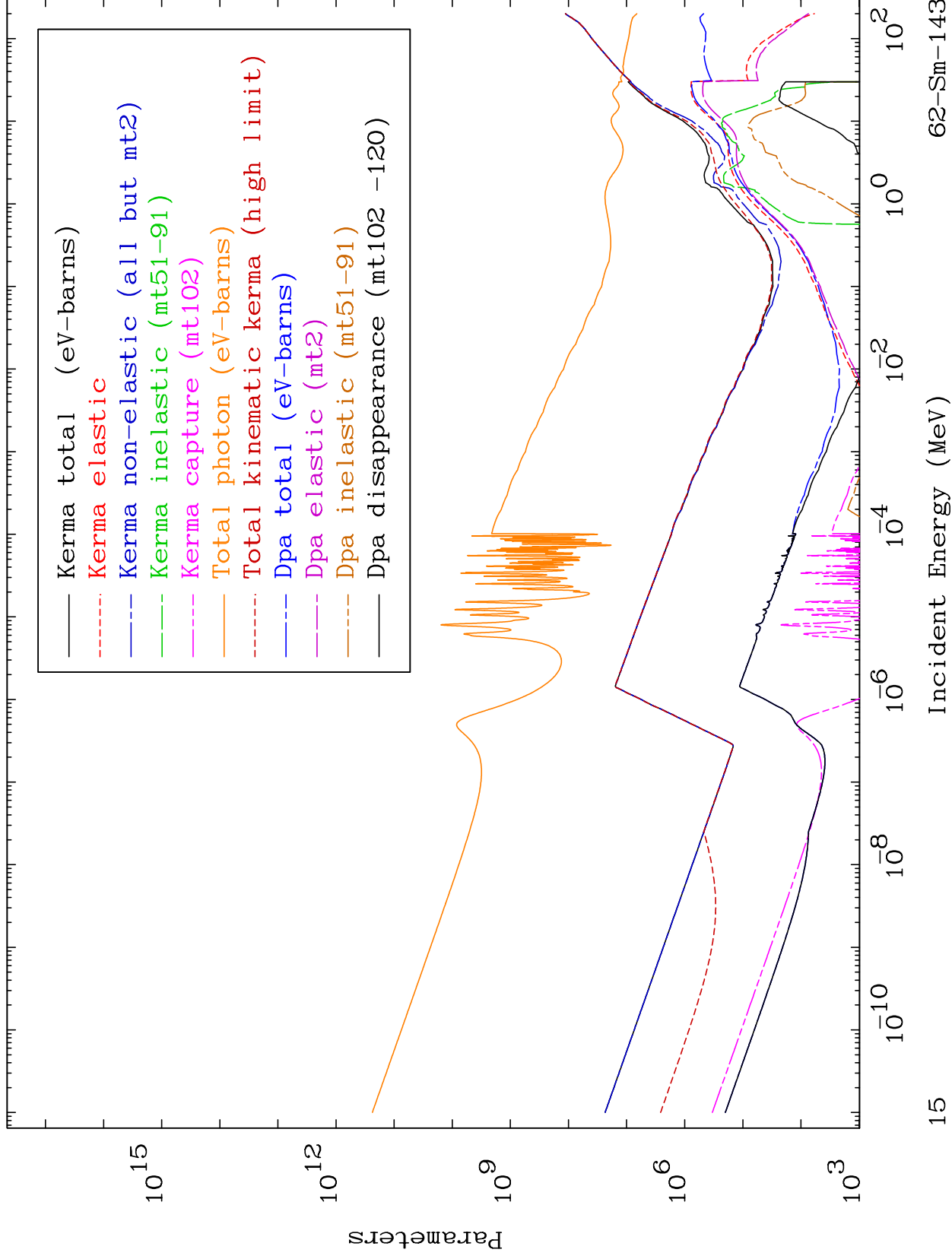


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(n, α) Levels
293 Kelvin Cross Sections

62-Sm-143

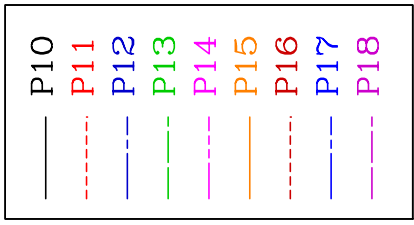
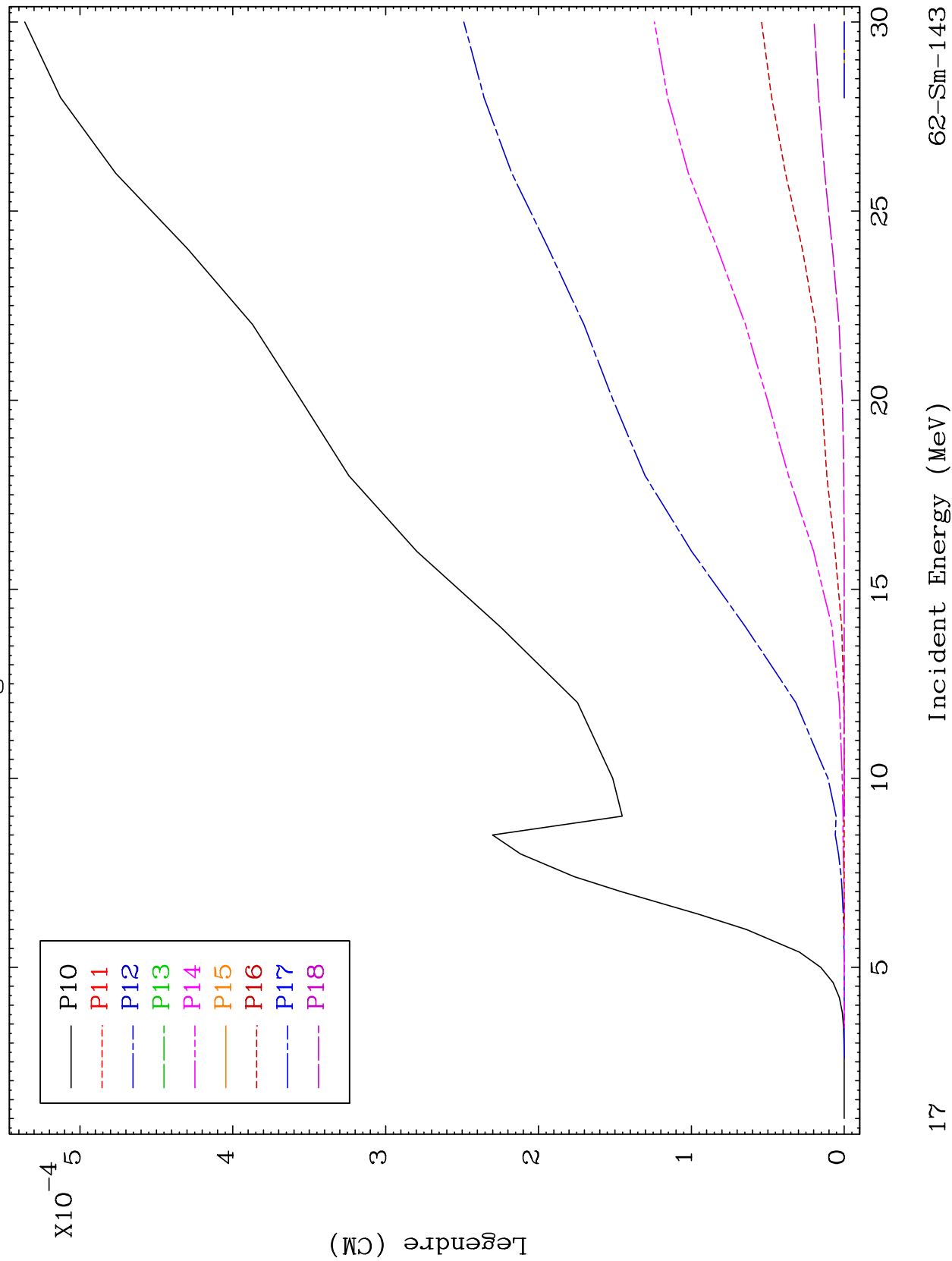




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Elastic Legendre Coefficients

62-Sm-143

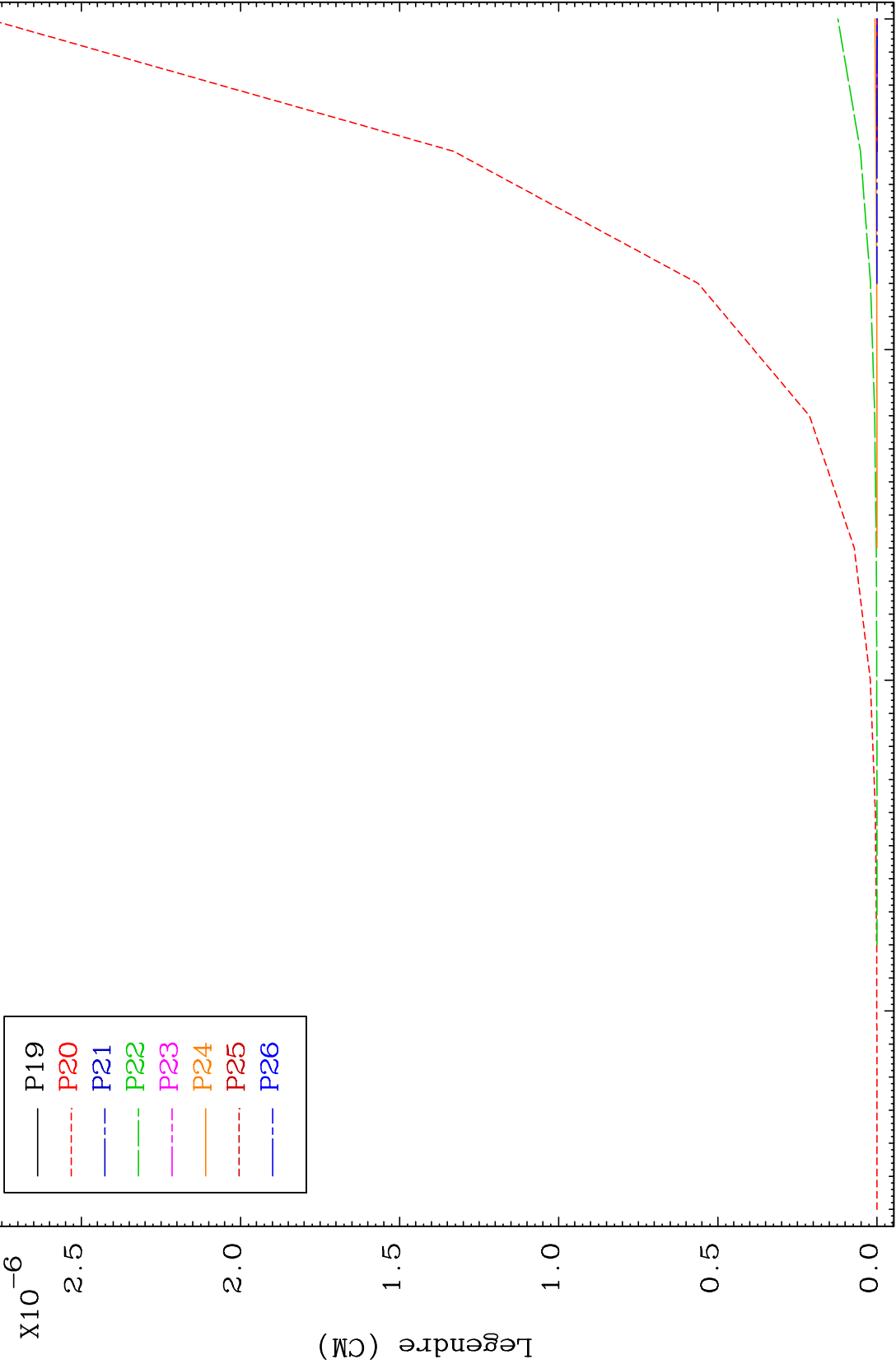
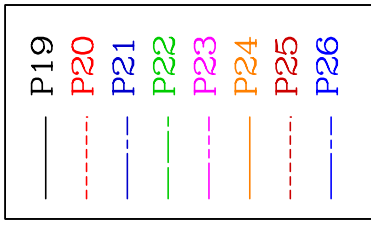


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Elastic Legendre Coefficients

62-Sm-143



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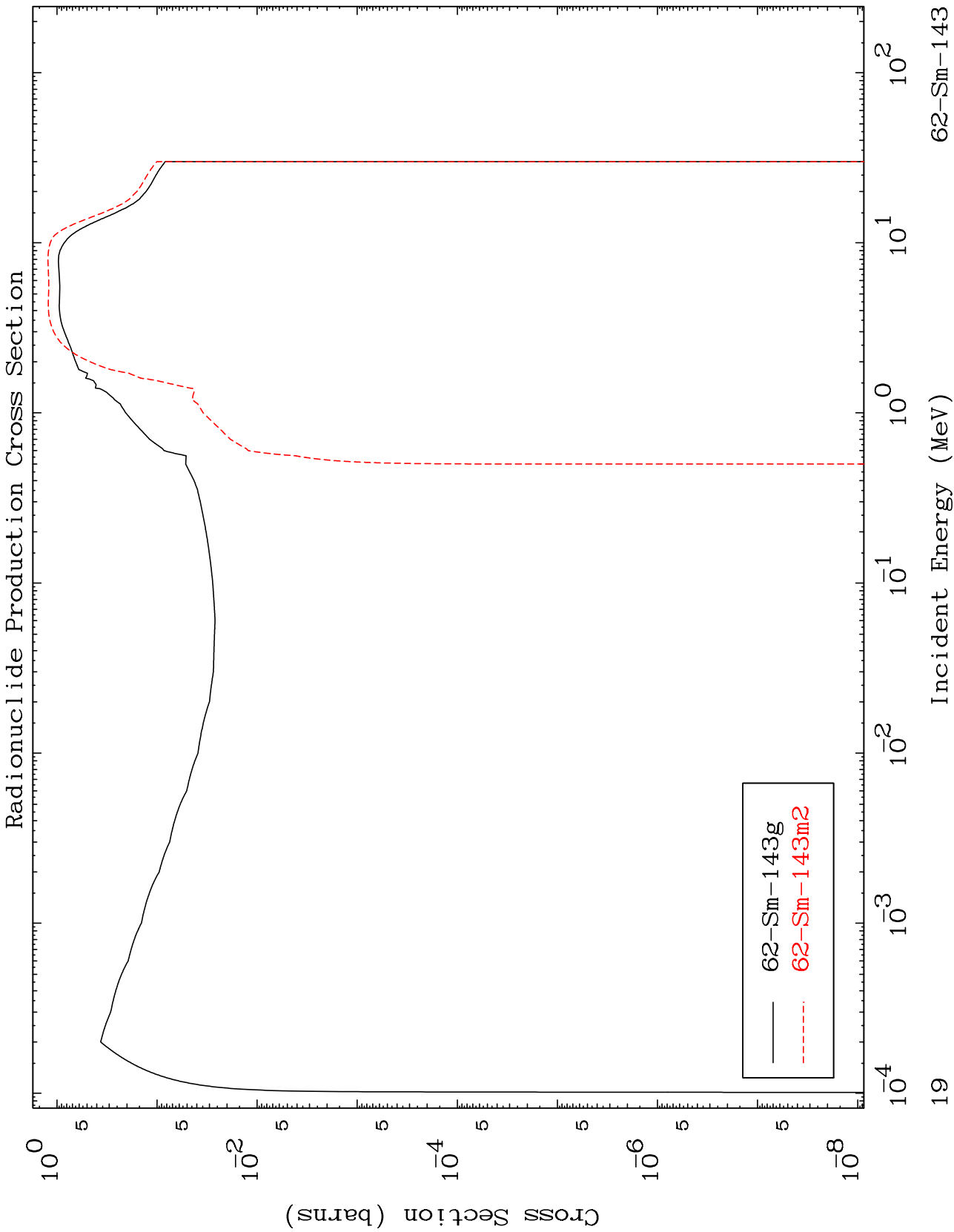
Incident Energy (MeV)

62-Sm-143

MAT 6223

62-Sm-143

Inelastic
Radionuclide Production Cross Section

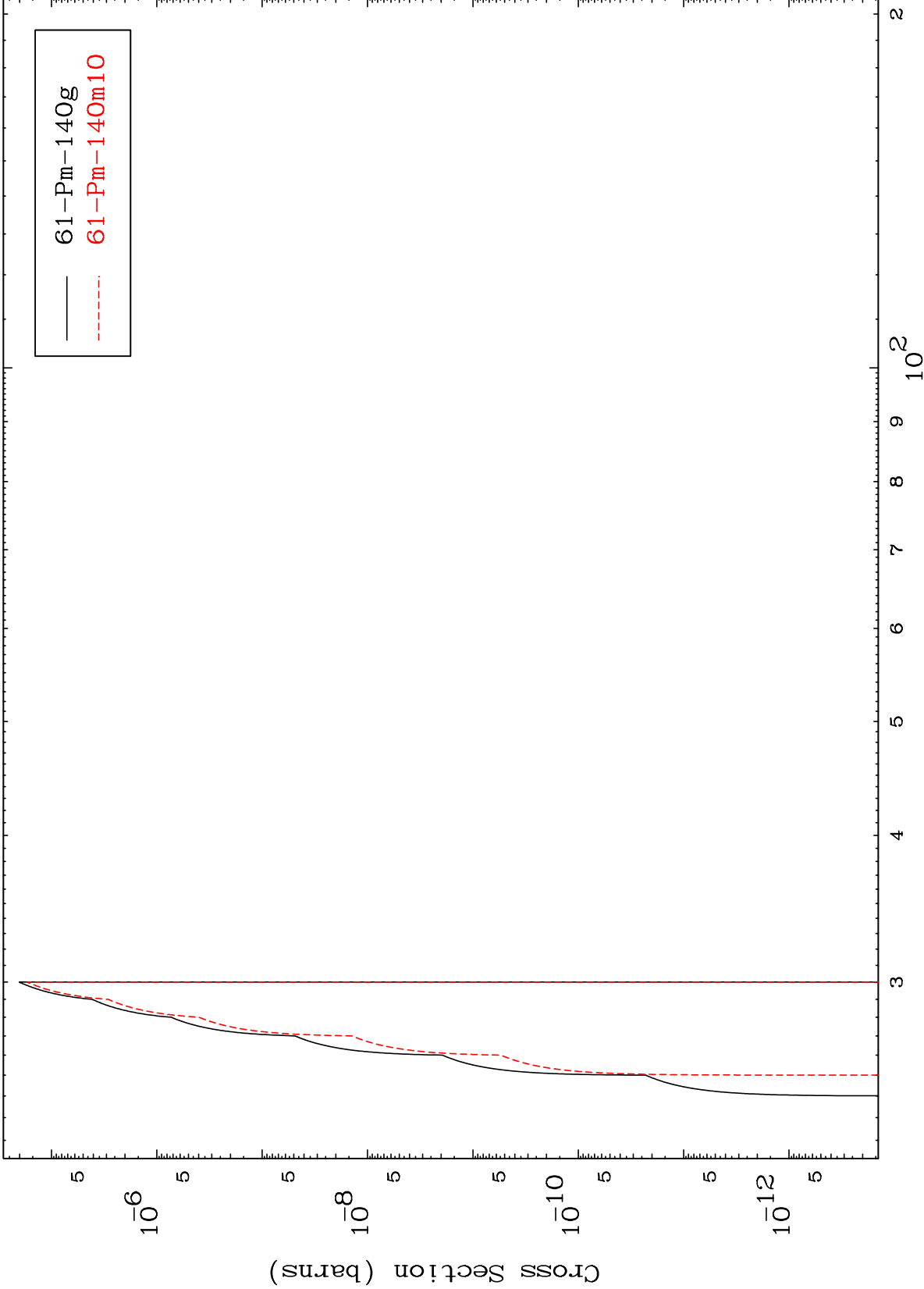


MAT 62223

(n,2n) d

62-Sm-143

Radionuclide Production Cross Section



61-Pm-140g
61-Pm-140m10

20

Incident Energy (MeV)

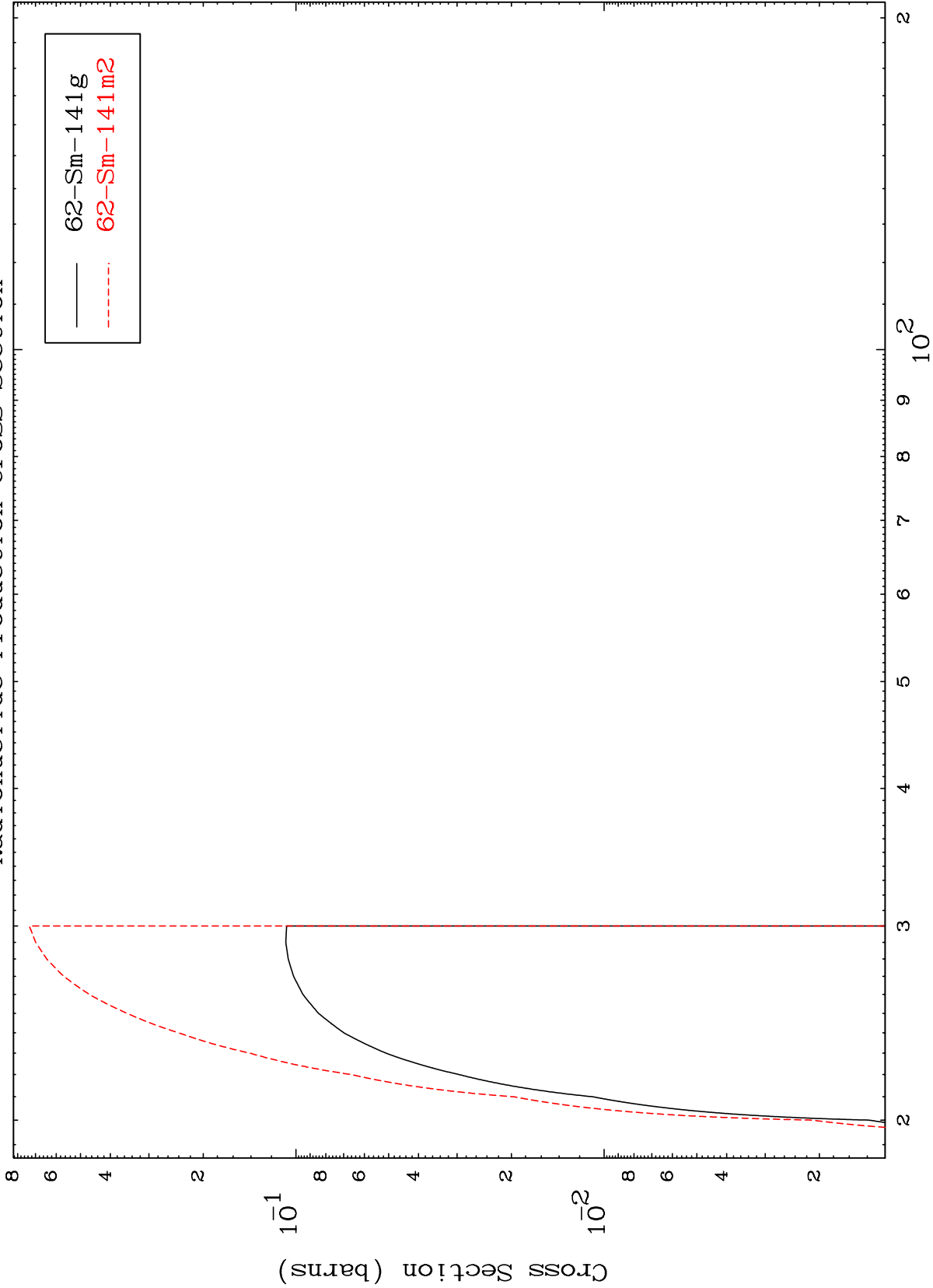
62-Sm-143

MAT 6223

(n,3n)

62-Sm-143

Radionuclide Production Cross Section



21

Incident Energy (MeV)

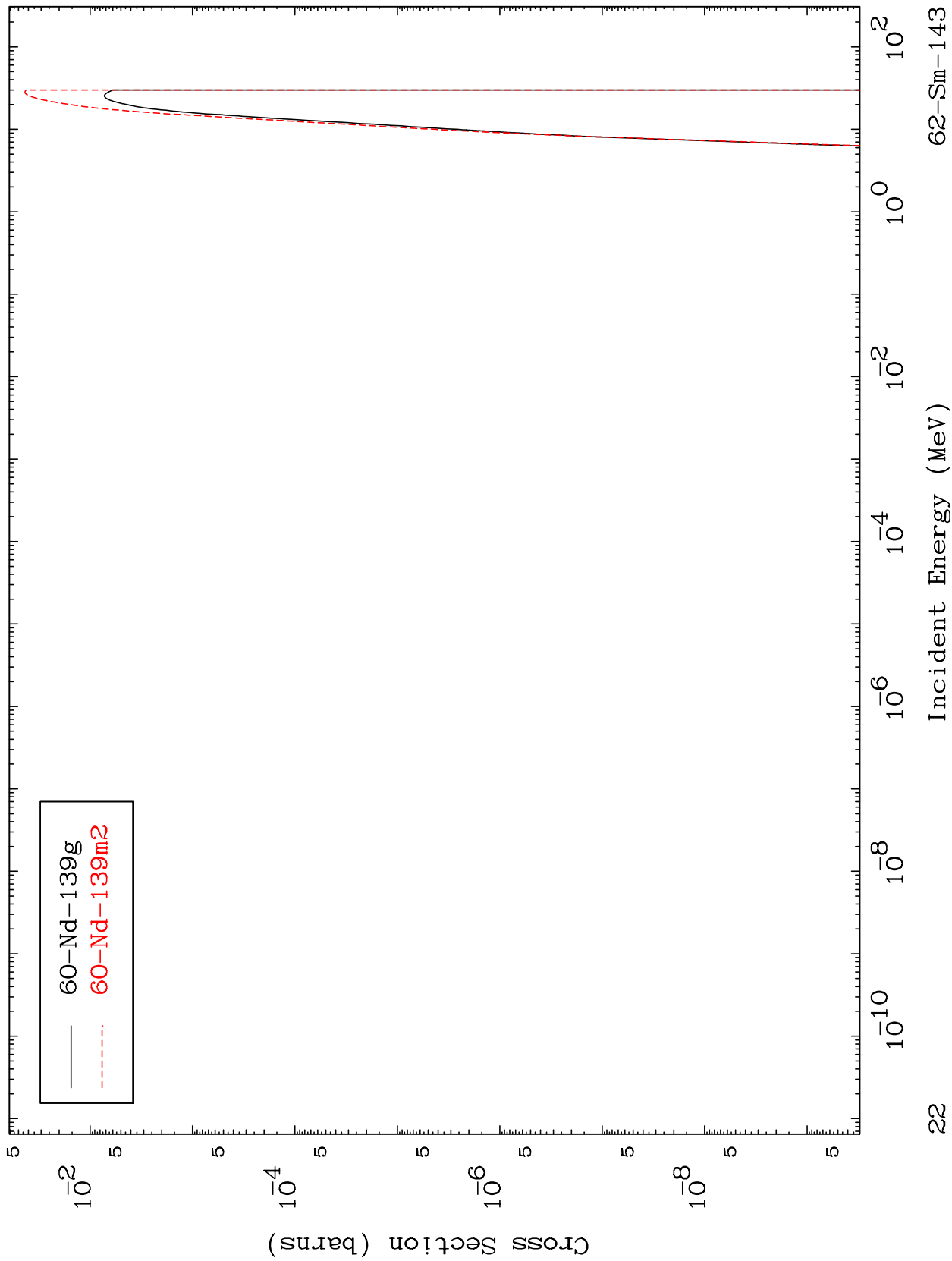
62-Sm-143

MAT 6223

$(n, n') \alpha$

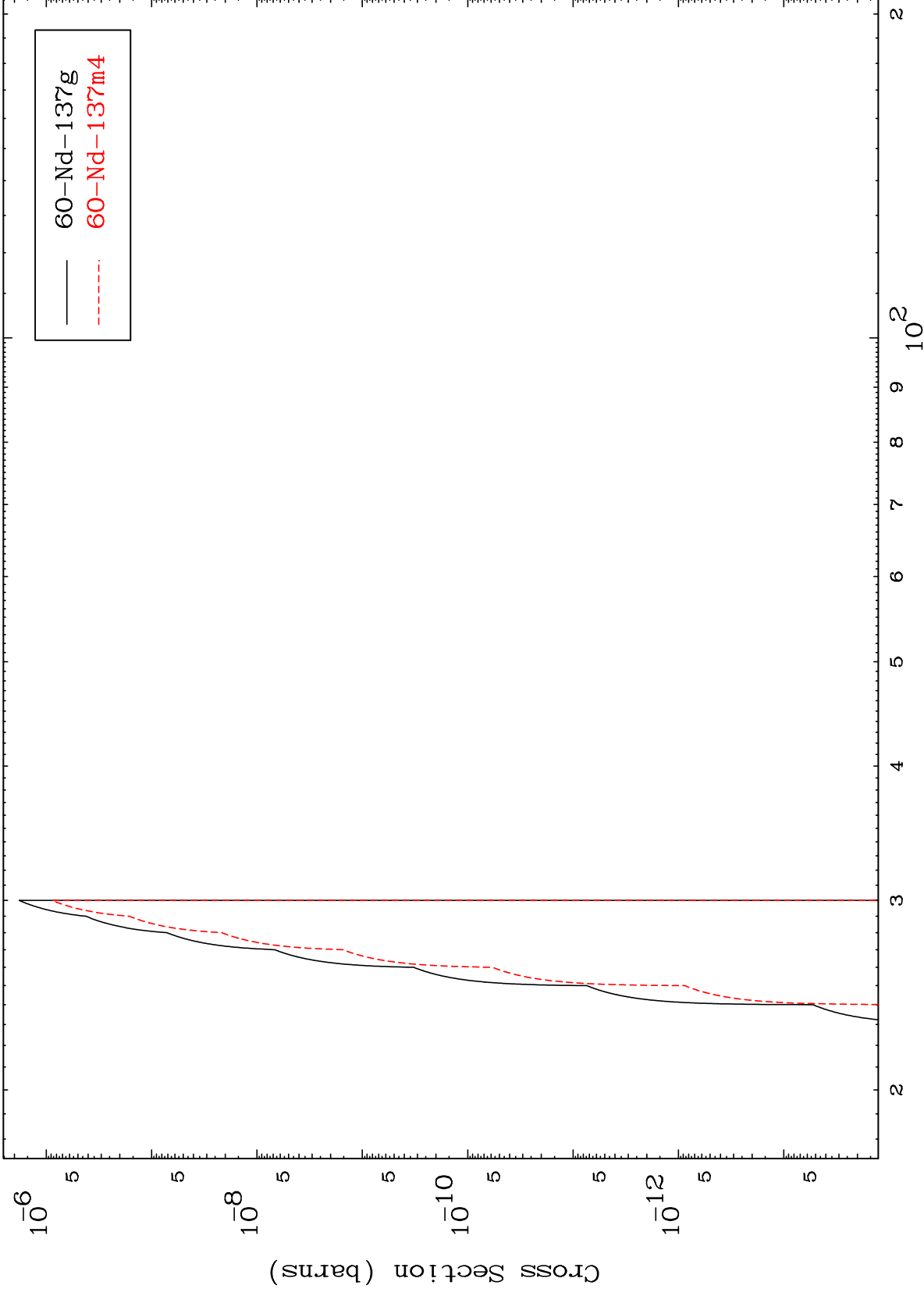
62-Sm-143

Radionuclide Production Cross Section



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

Radionuclide Production Cross Section

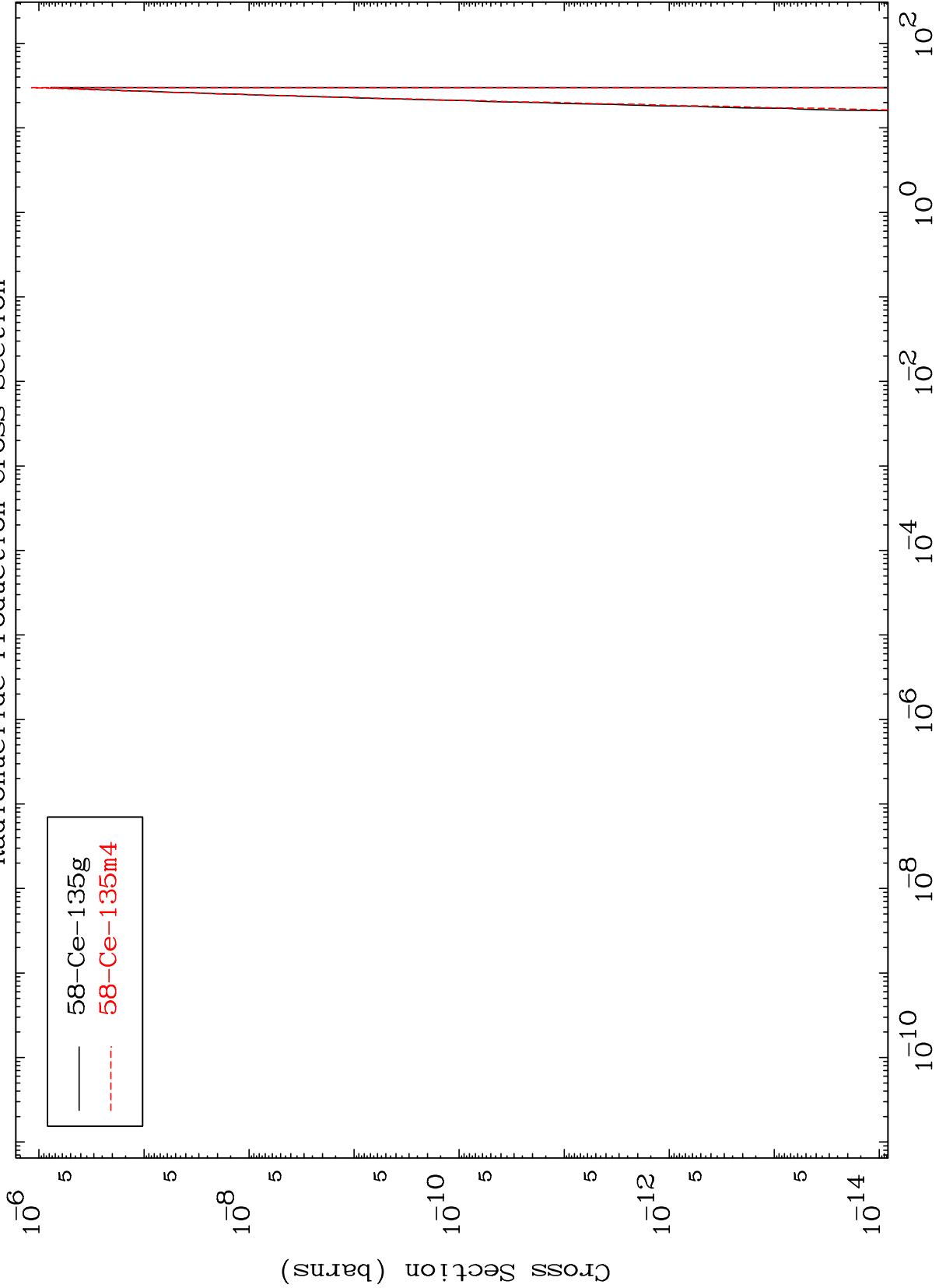


MAT 6223

(n,n') 2 α

62-Sm-143

Radionuclide Production Cross Section

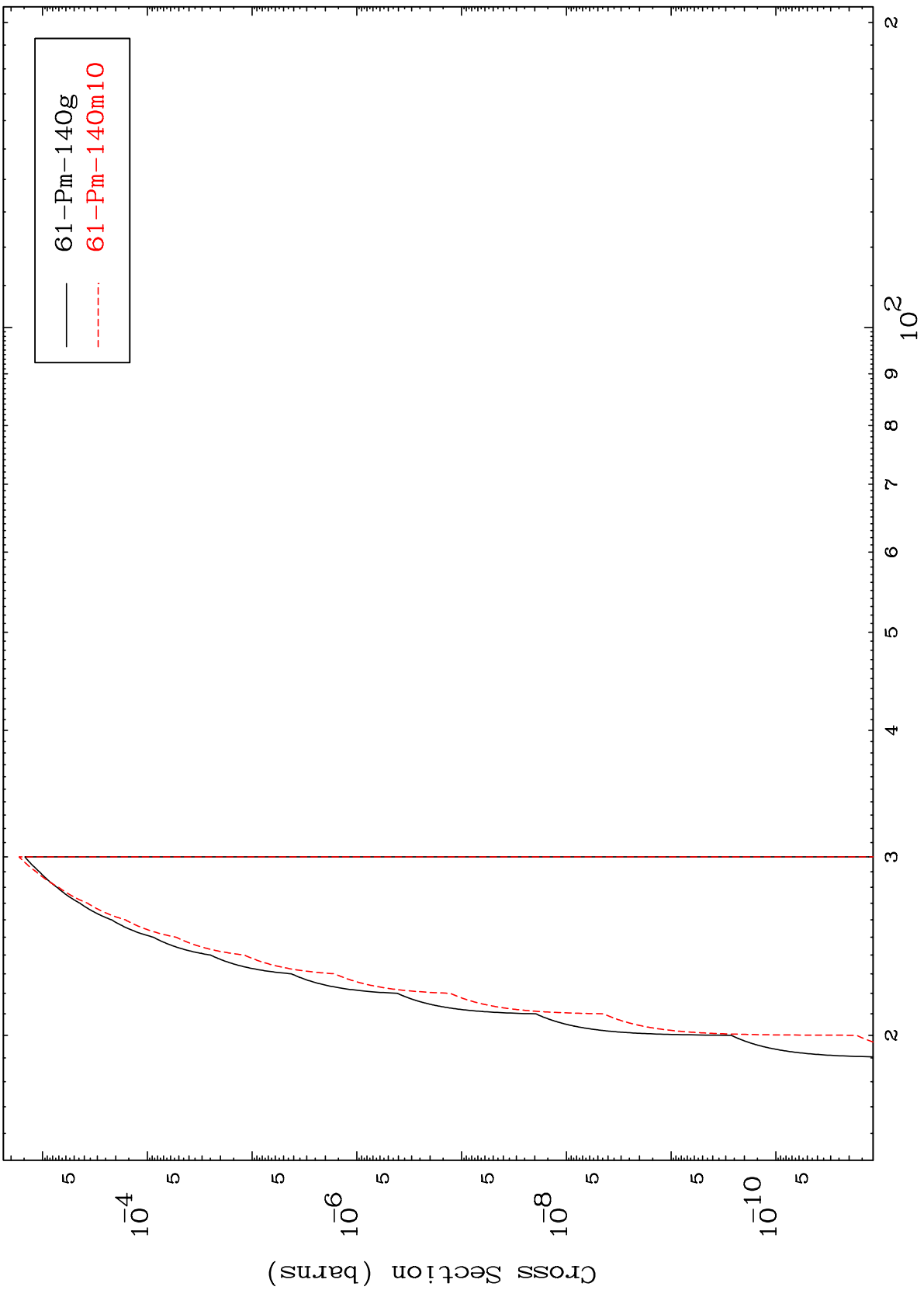


24

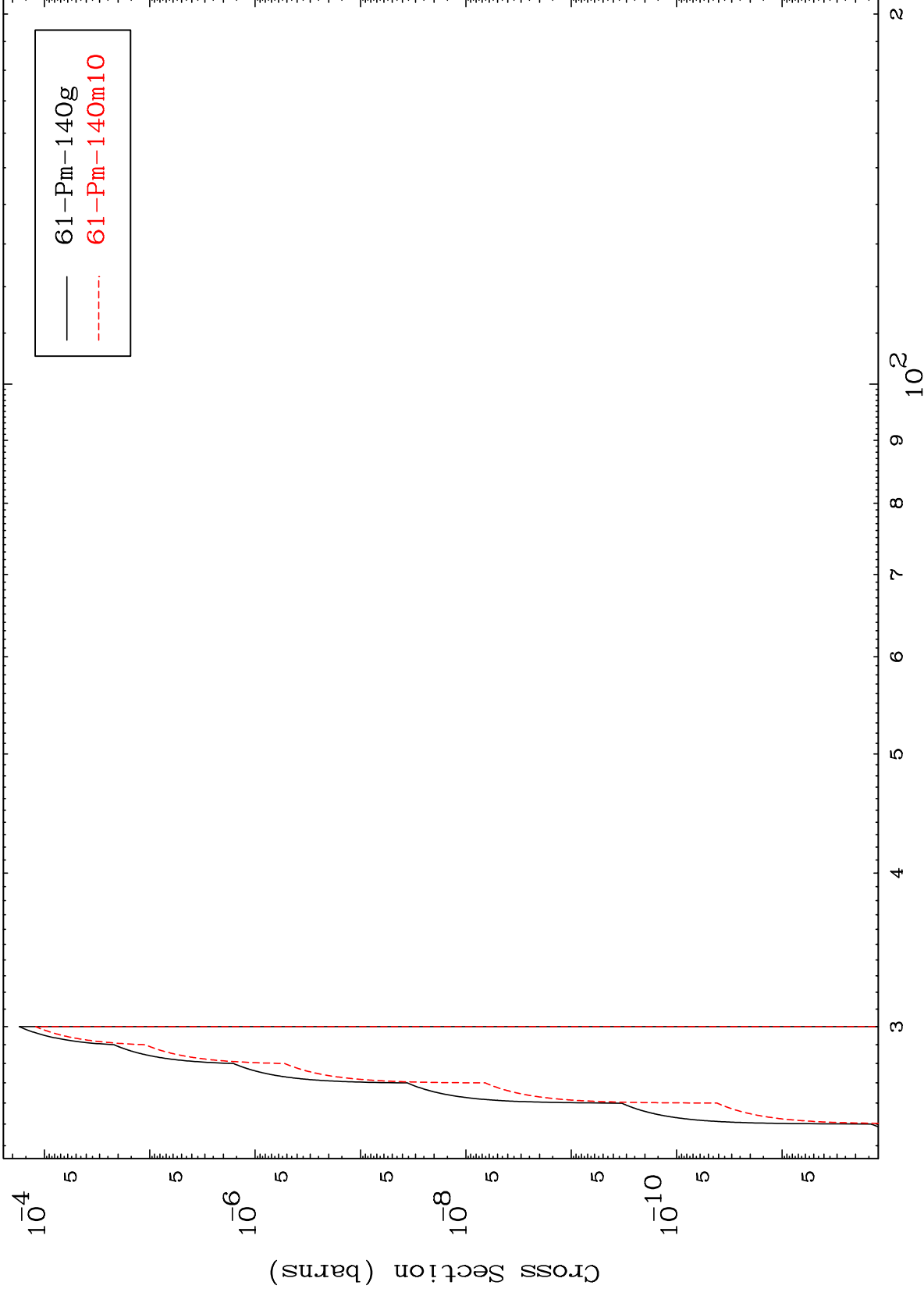
Incident Energy (MeV)

62-Sm-143

Radionuclide Production Cross Section



Radionuclide Production Cross Section

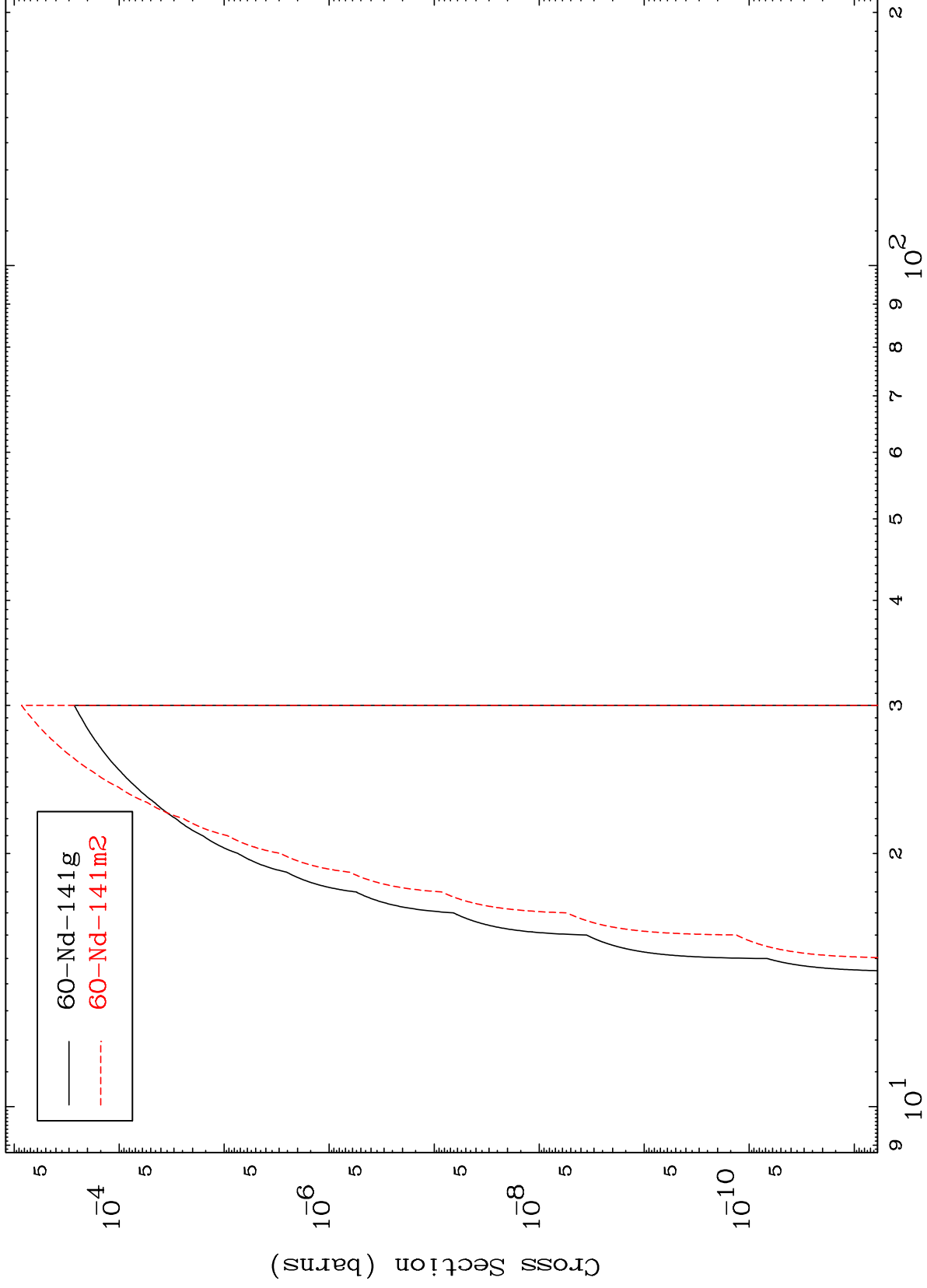


MAT 6223

(n,2n) p

62-Sm-143

Radionuclide Production Cross Section



27

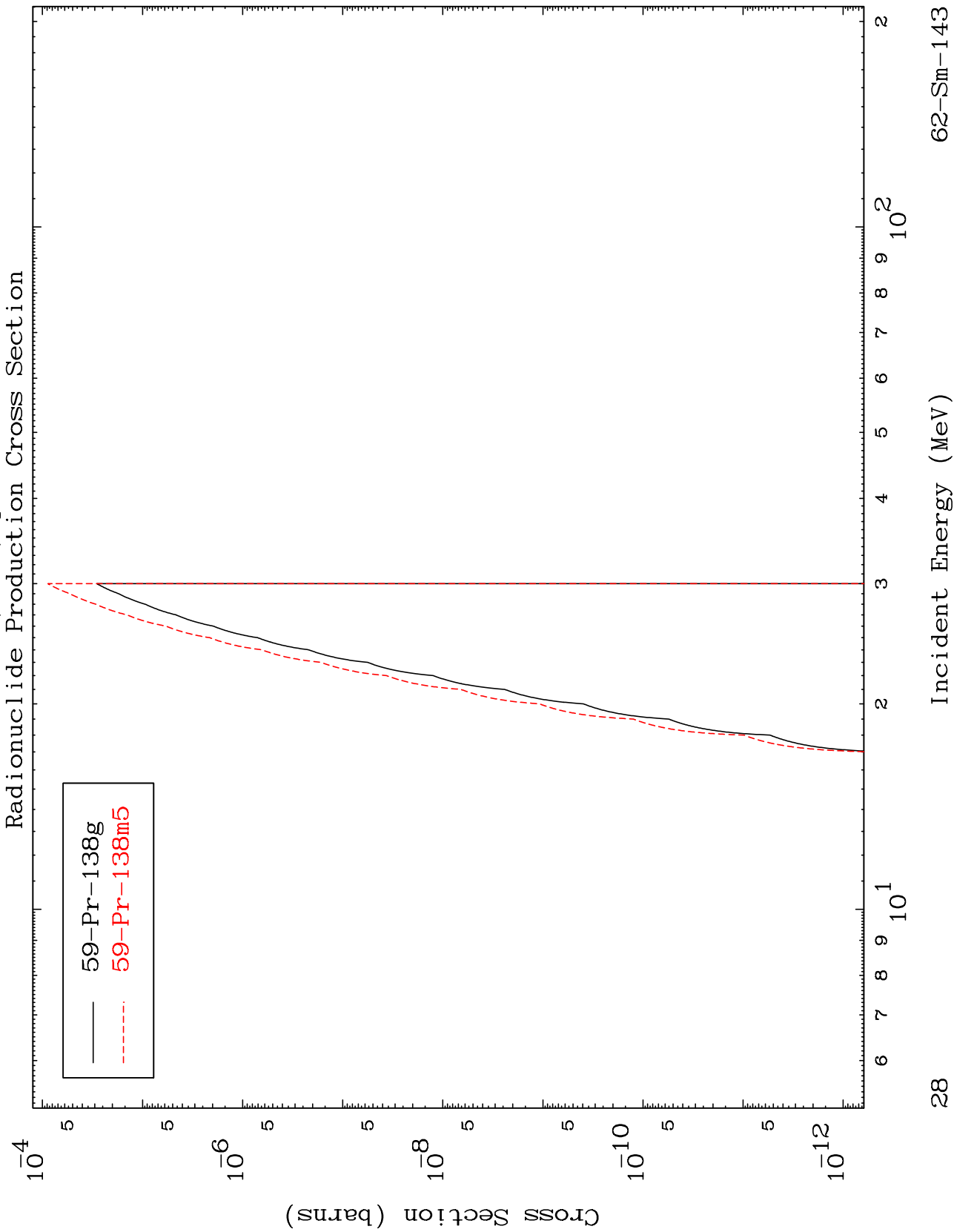
Incident Energy (MeV)

62-Sm-143

MAT 6223

(n,n') p α

62-Sm-143



28

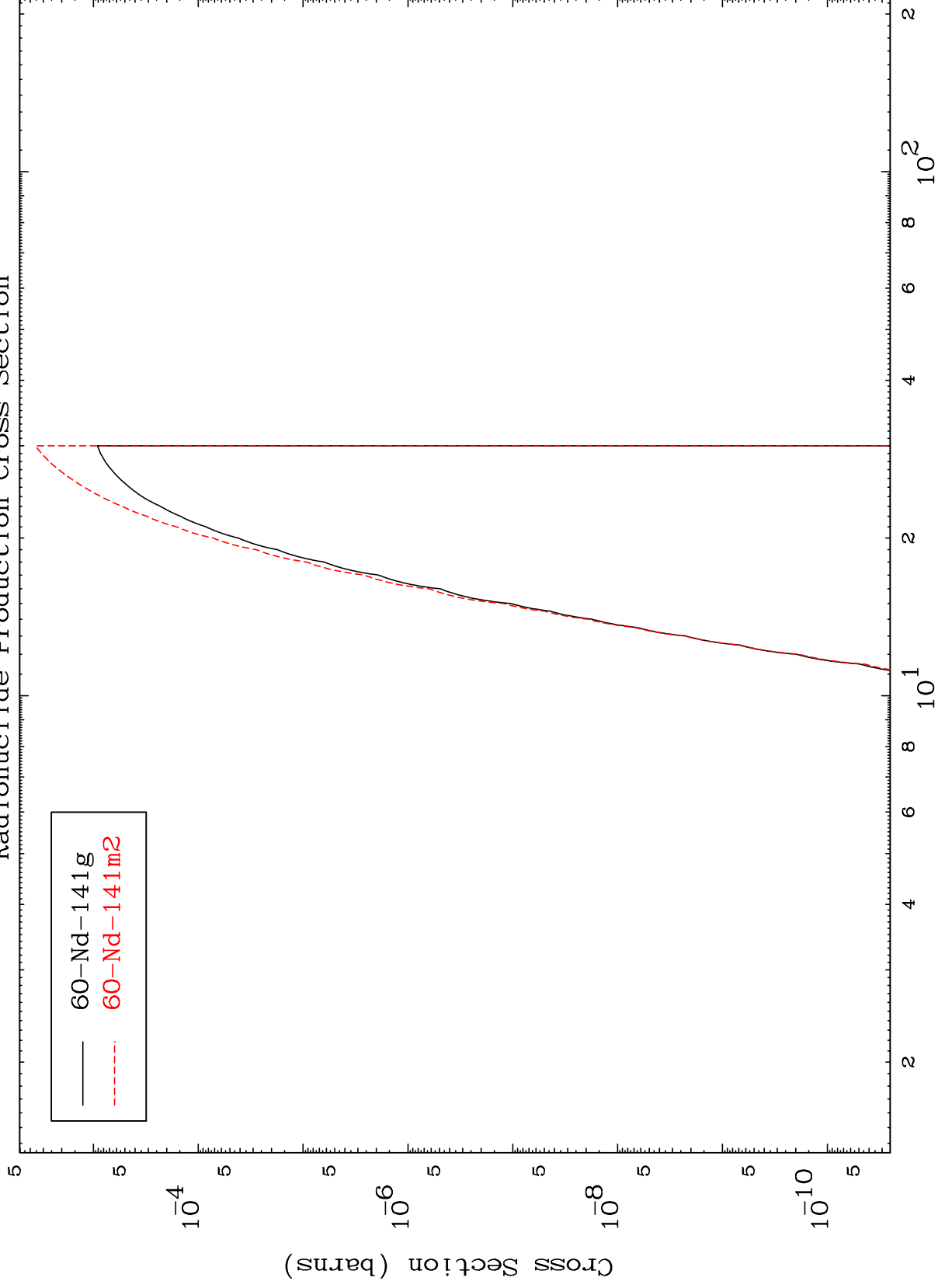
62-Sm-143

MAT 6223

(n,He-3)

62-Sm-143

Radionuclide Production Cross Section



29

Incident Energy (MeV)

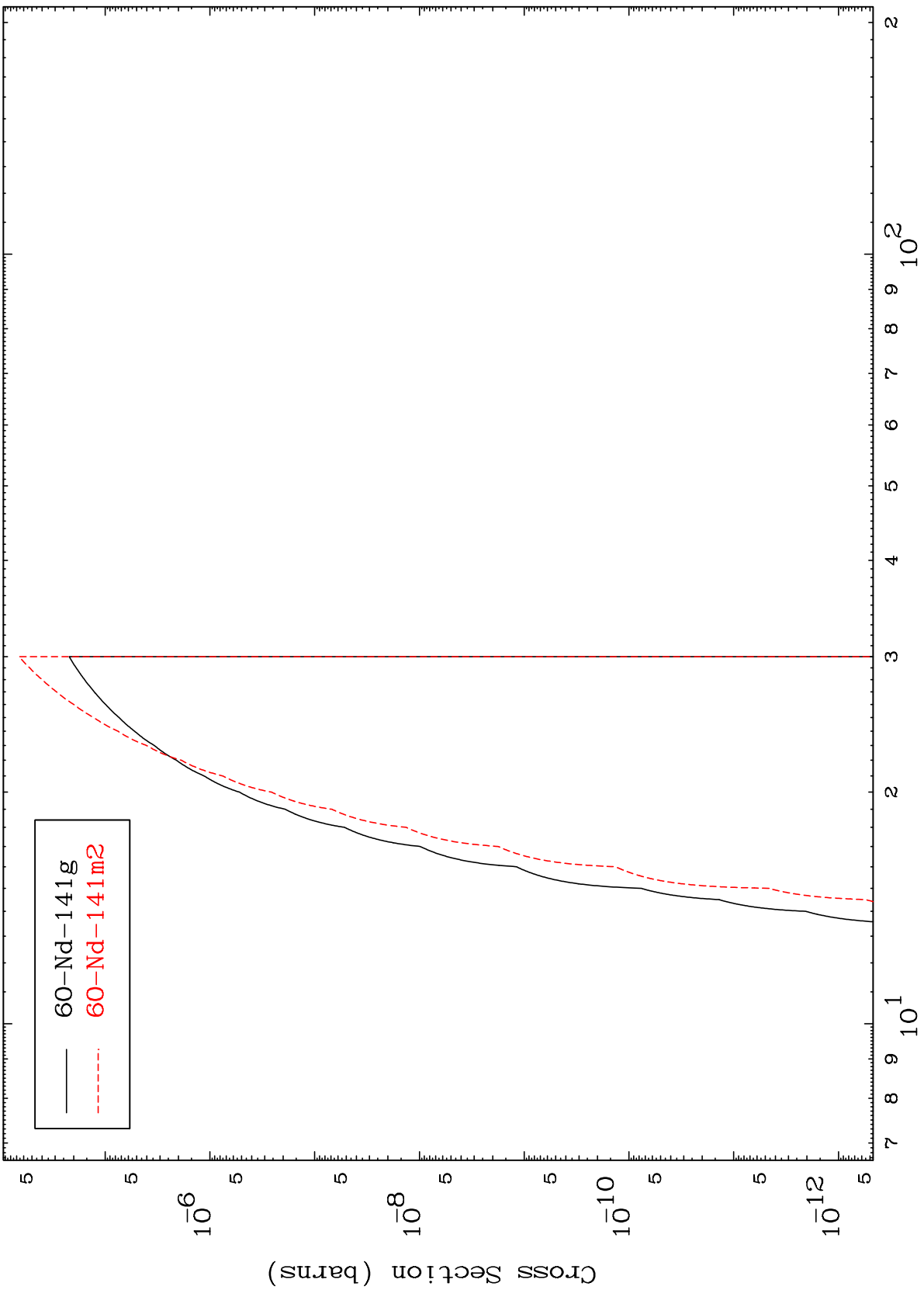
62-Sm-143

MAT 6223

(n,p) d

62-Sm-143

Radionuclide Production Cross Section



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

30

Incident Energy (MeV)

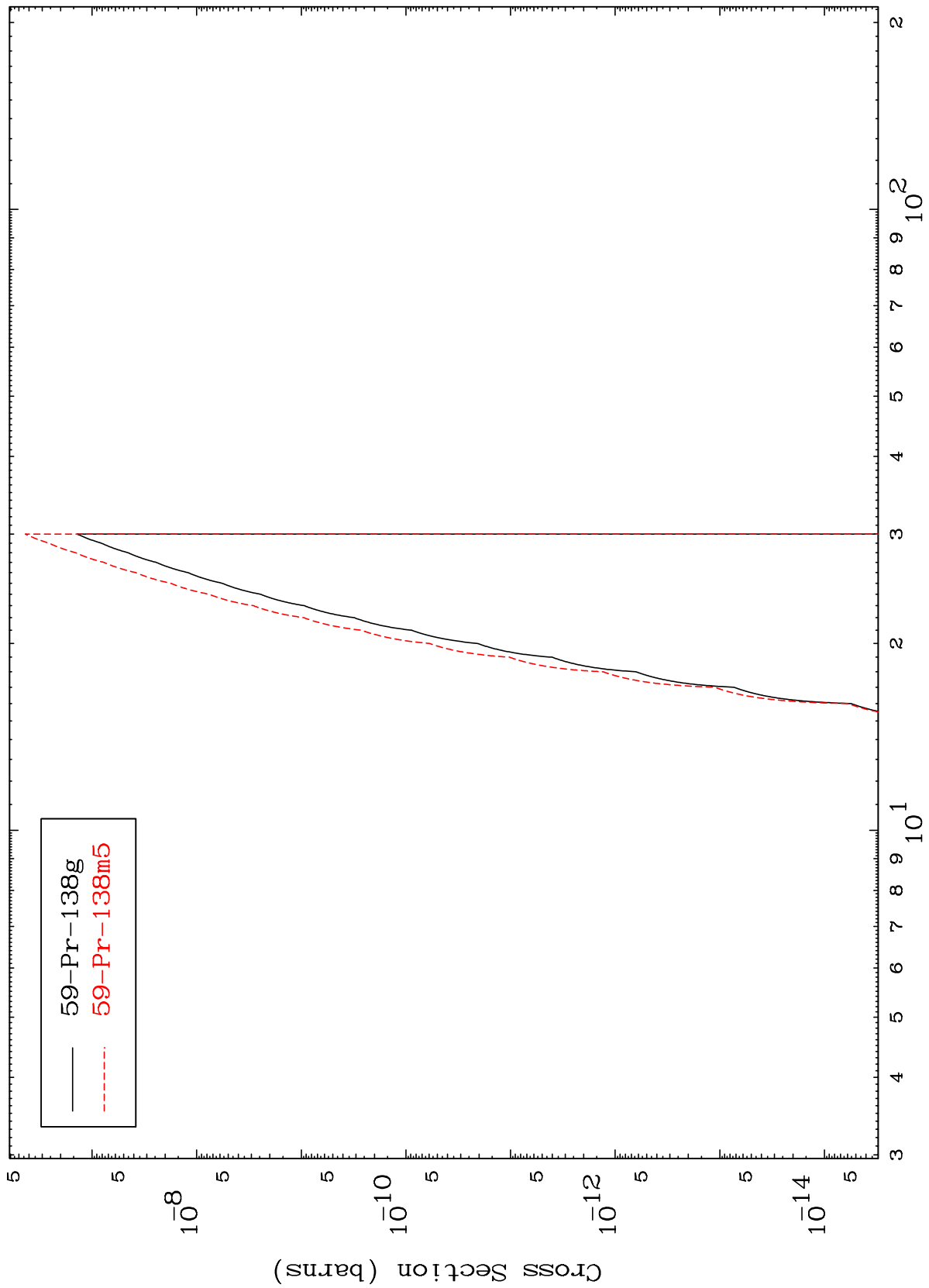
62-Sm-143

MAT 6223

(n,d) α

62-Sm-143

Radionuclide Production Cross Section



31

Incident Energy (MeV)

62-Sm-143