

Program EVALPLOT
(Version 2015-2)

by

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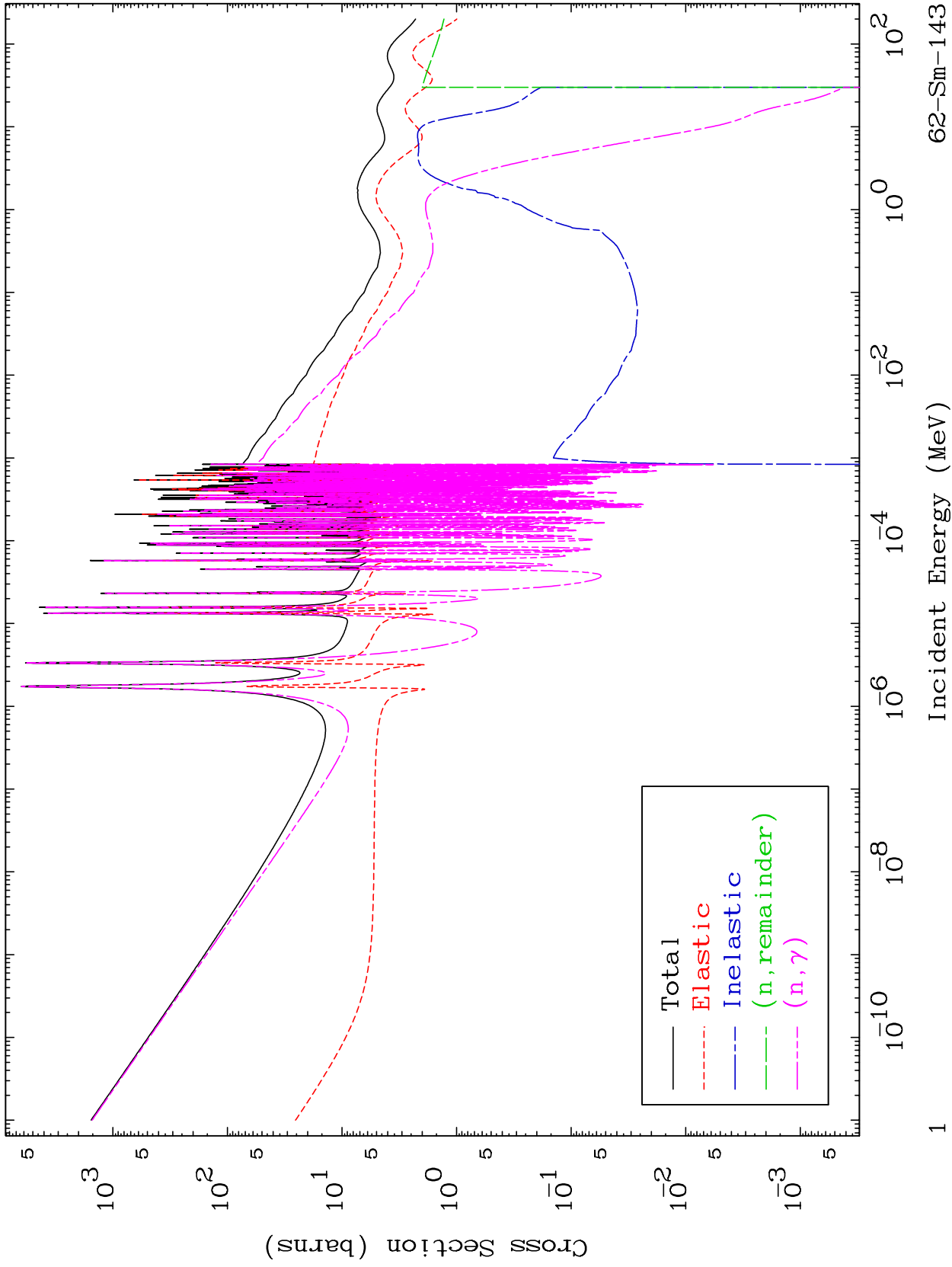
Press Mouse Button to Start

MAT 6223

Major

293 Kelvin Cross Sections

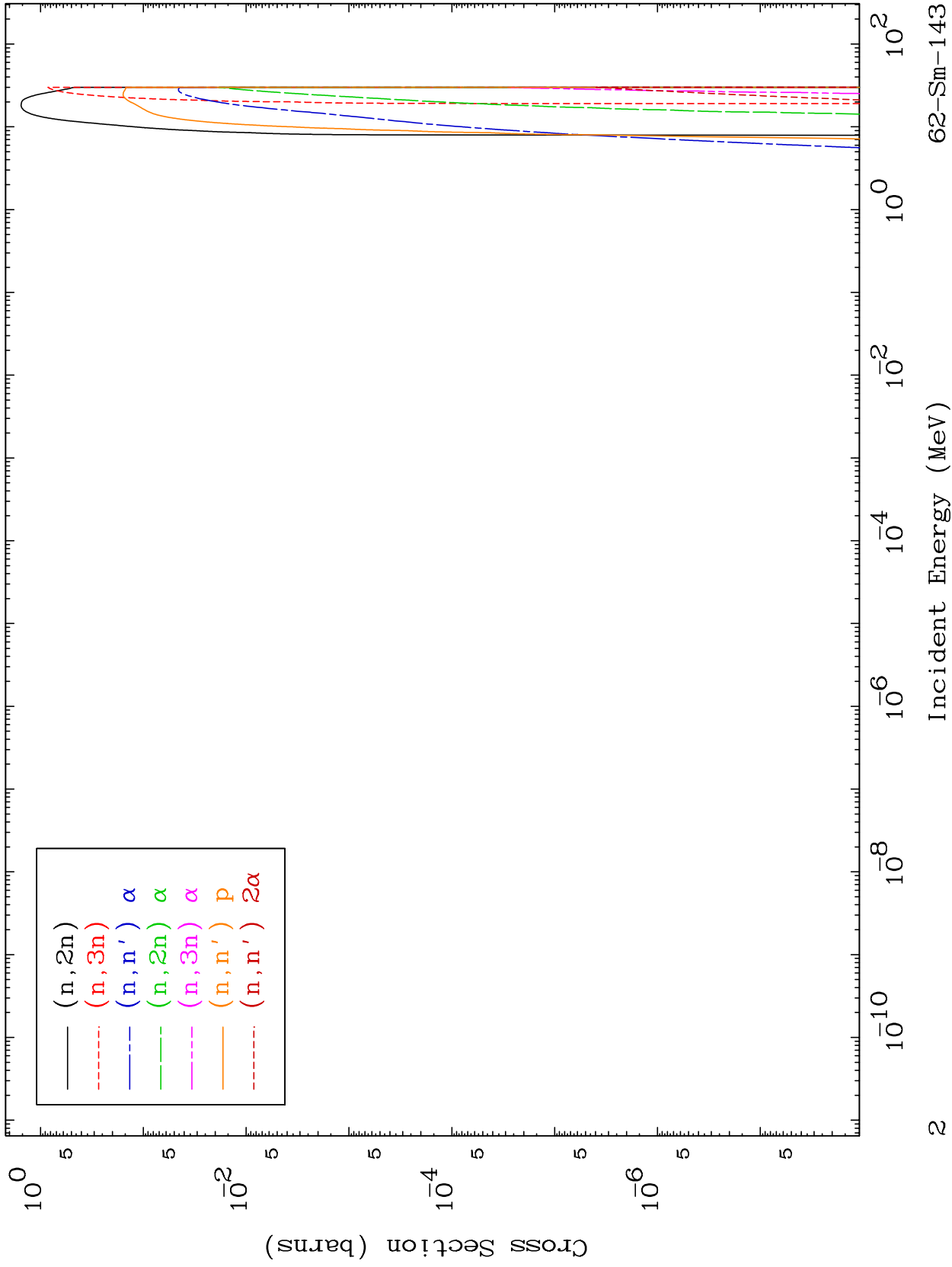
62-Sm-143

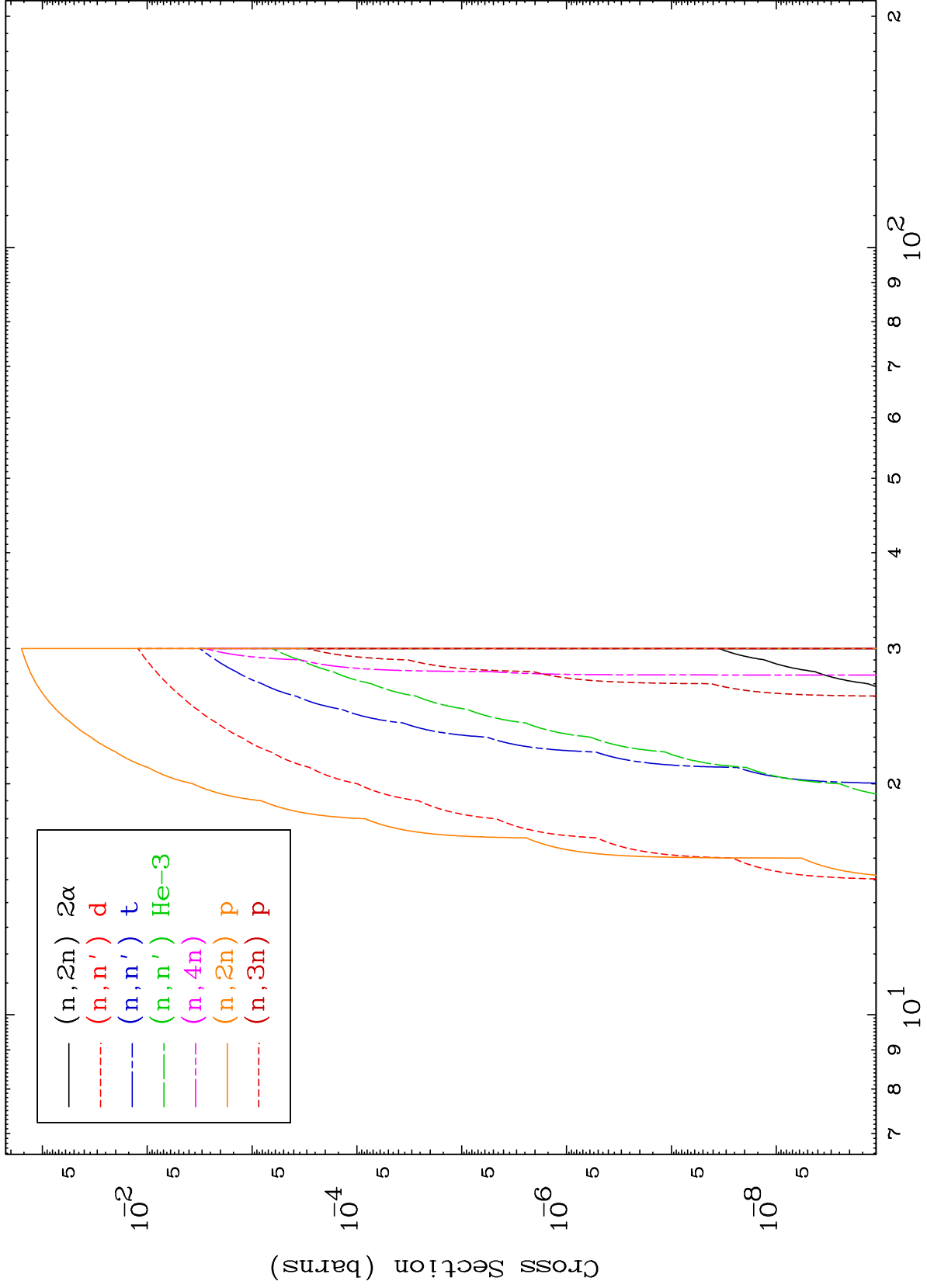


MAT 6223

Neutron Production
293 Kelvin Cross Sections

62-Sm-143

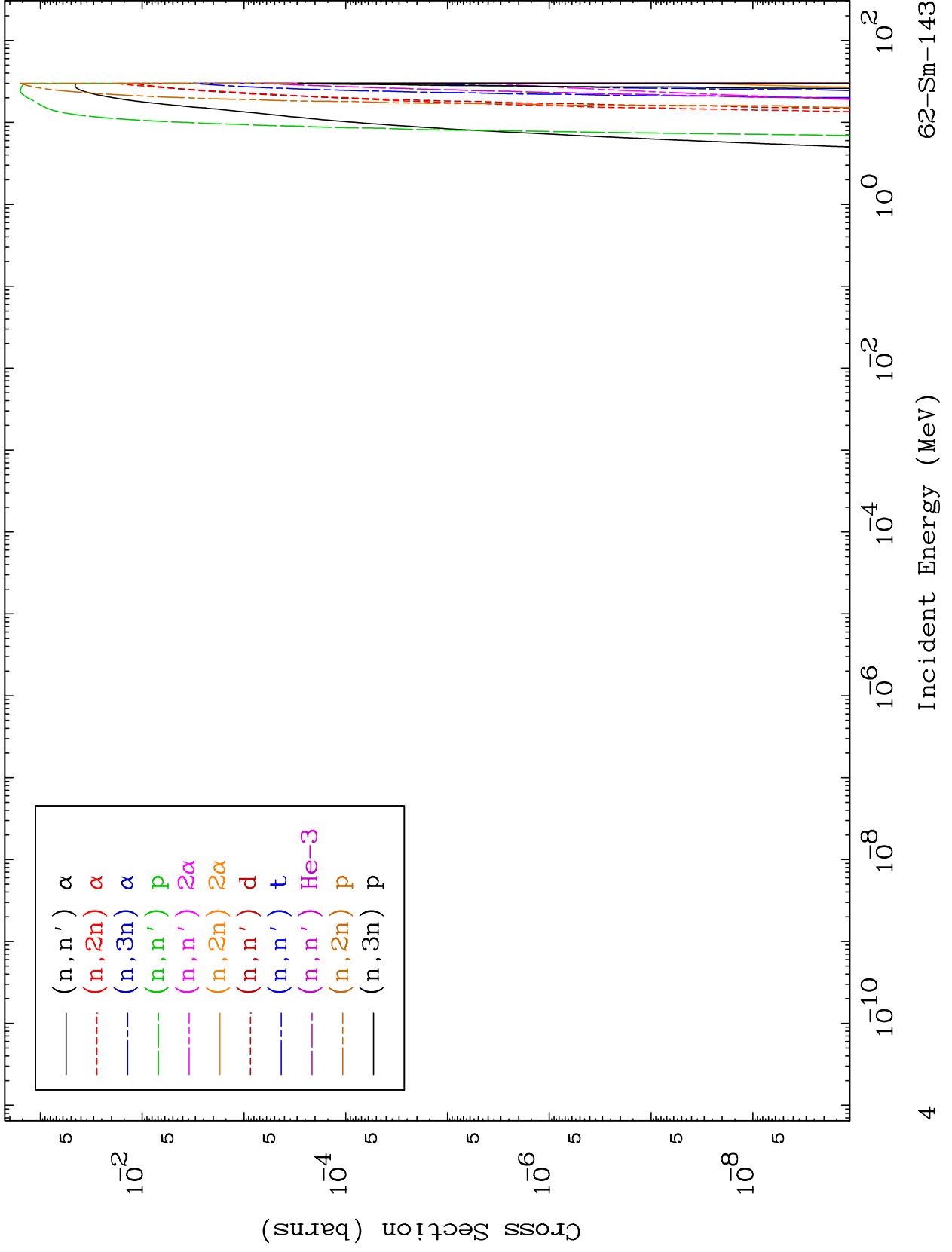




MAT 6223

Charged Particle
293 Kelvin Cross Sections

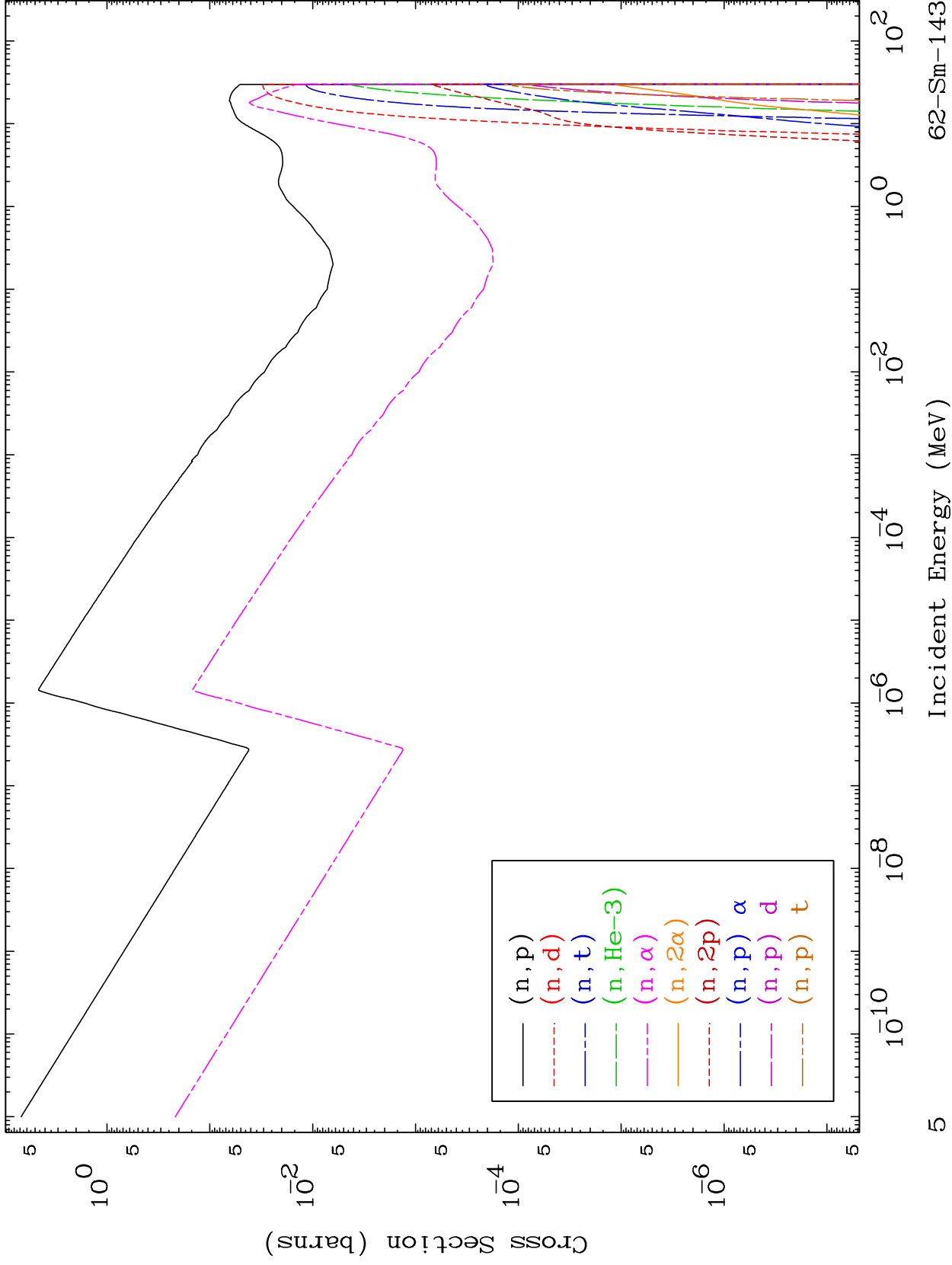
62-Sm-143



MAT 6223

Charged Particle
293 Kelvin Cross Sections

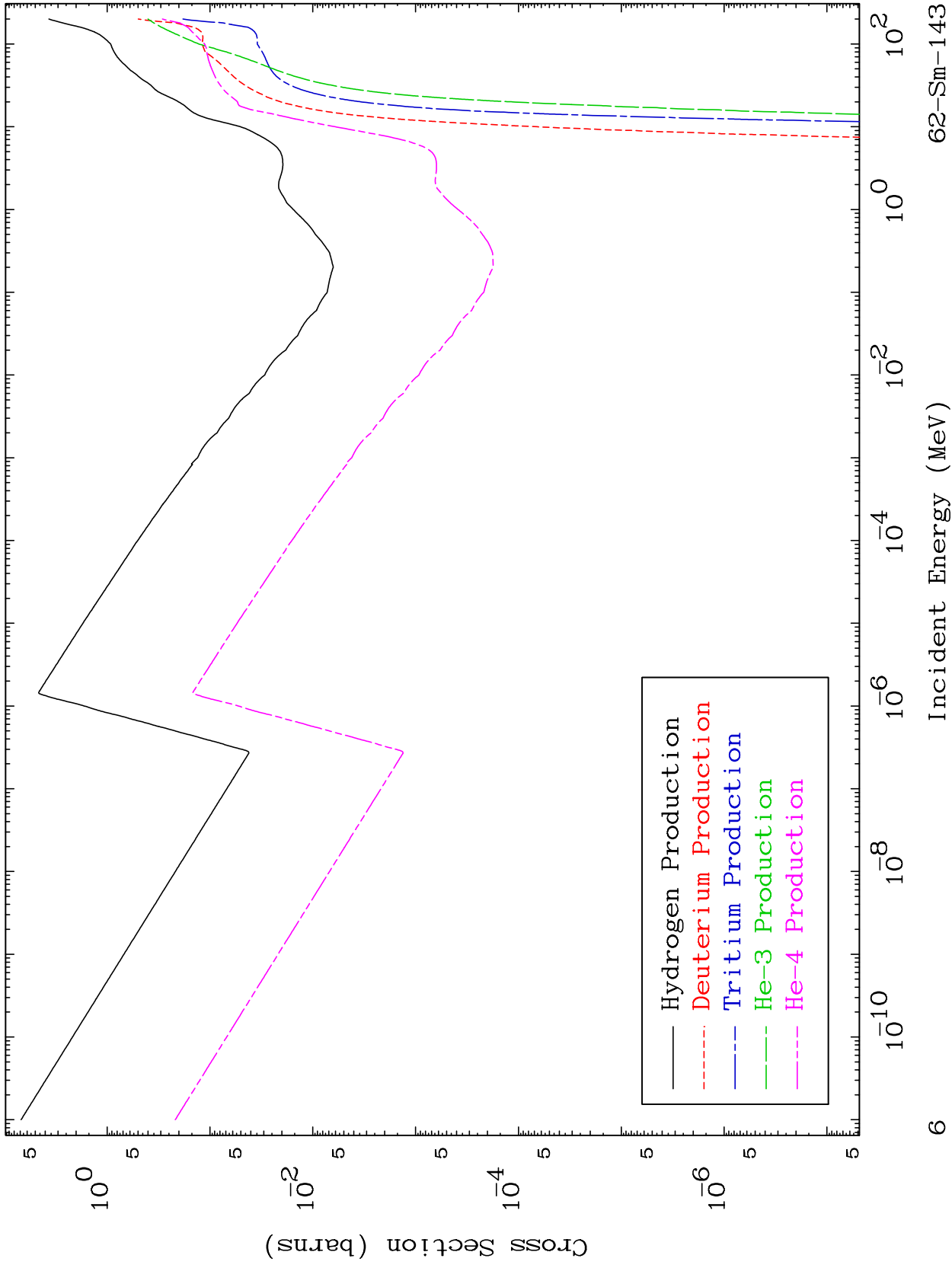
62-Sm-143



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Particle Production
293 Kelvin Cross Sections

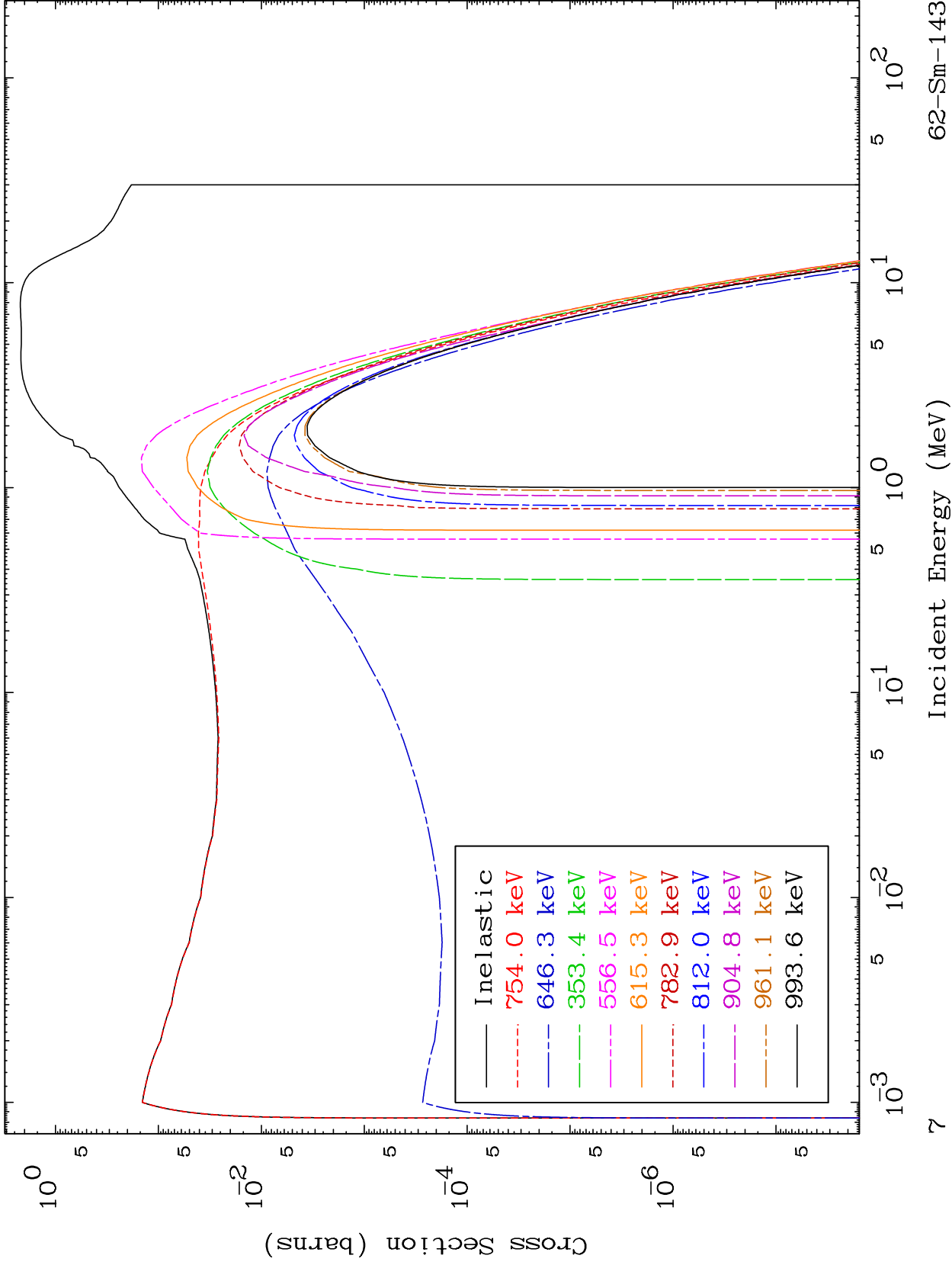
62-Sm-143



MAT 6223

(n,n') Level
293 Kelvin Cross Sections

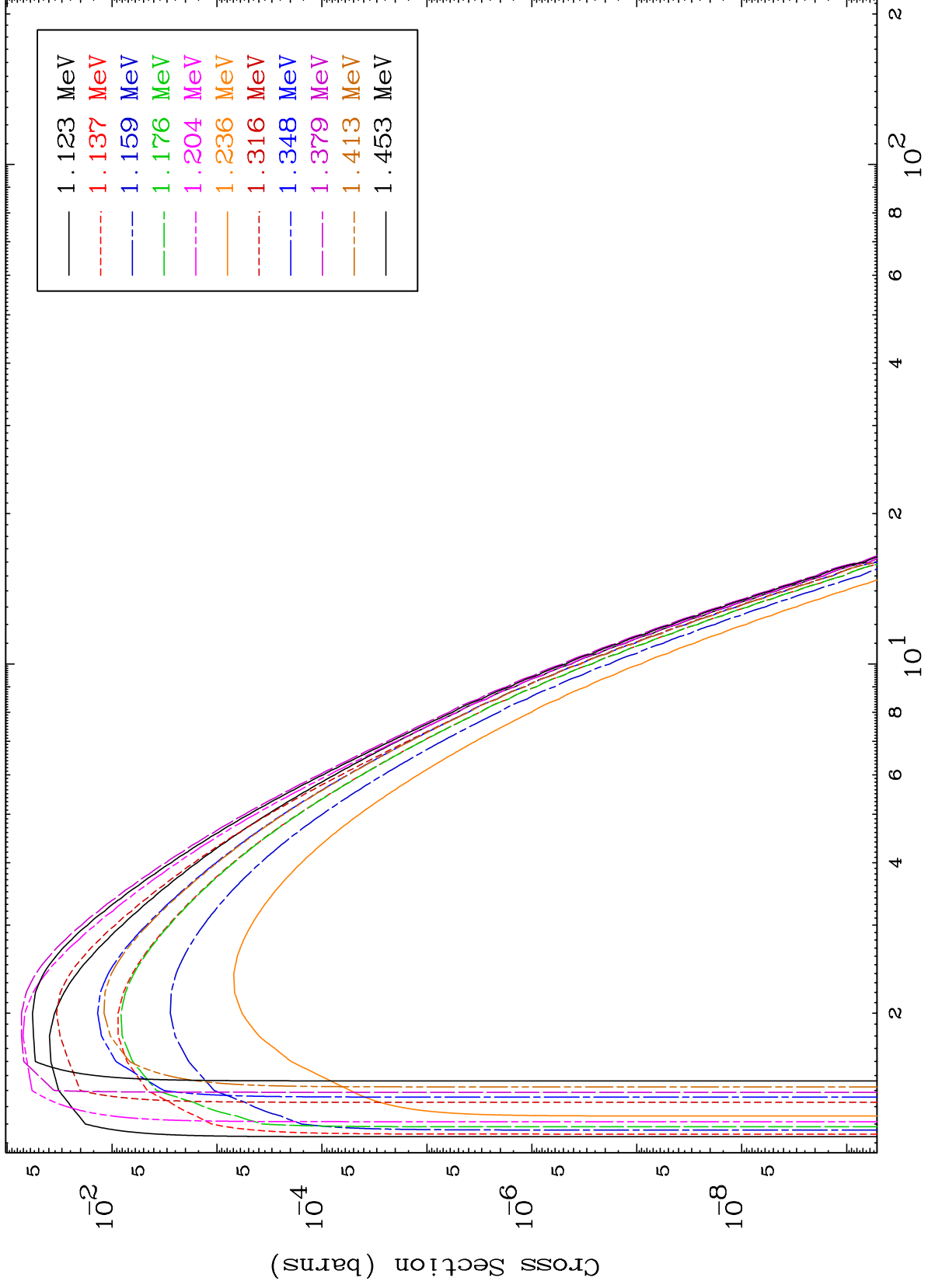
62-Sm-143



MAT 6223

(n,n') Level
293 Kelvin Cross Sections

62-Sm-143



8

Incident Energy (MeV)

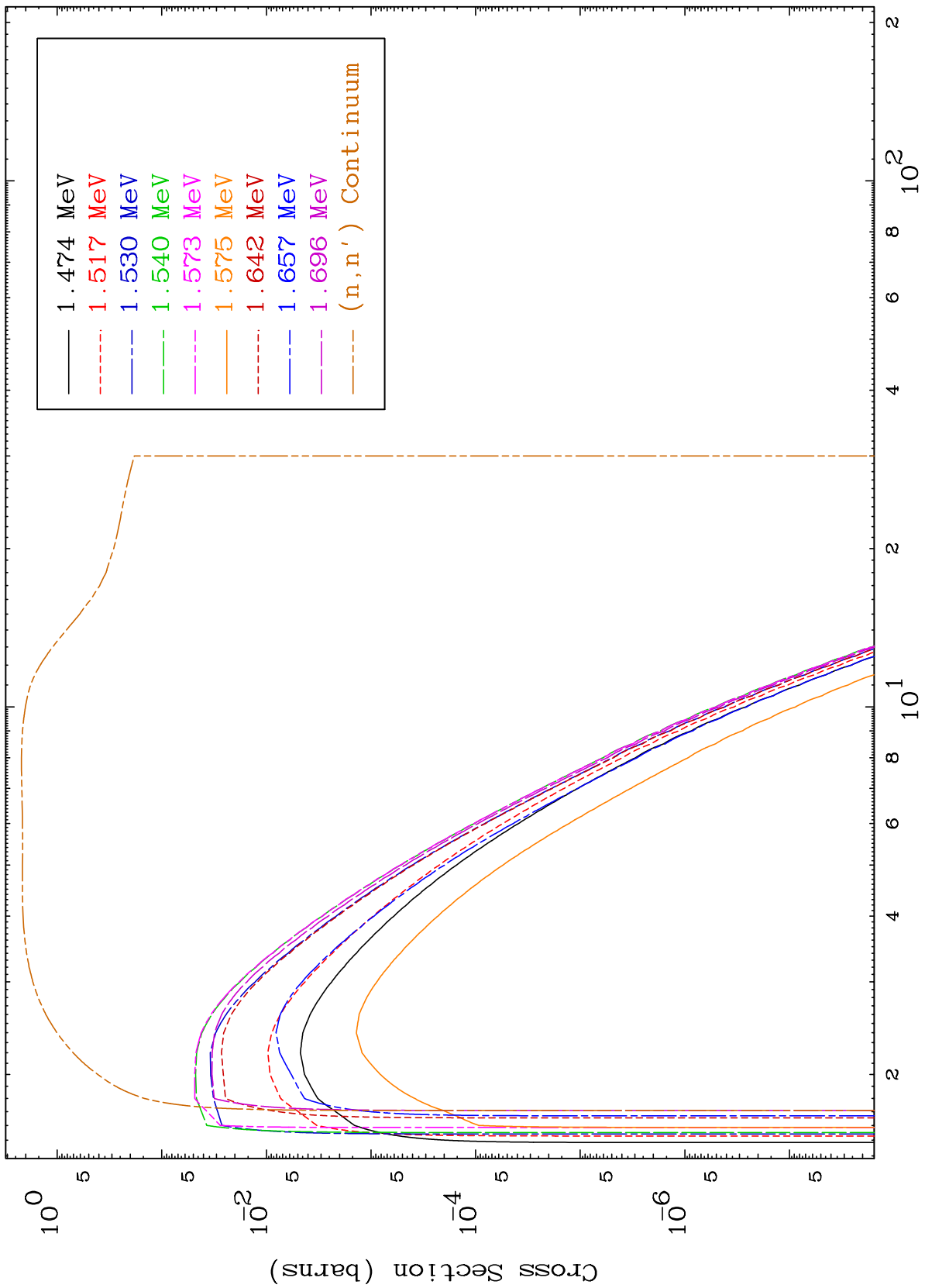
62-Sm-143

MAT 6223

(n,n') Level

62-Sm-143

293 Kelvin Cross Sections



9

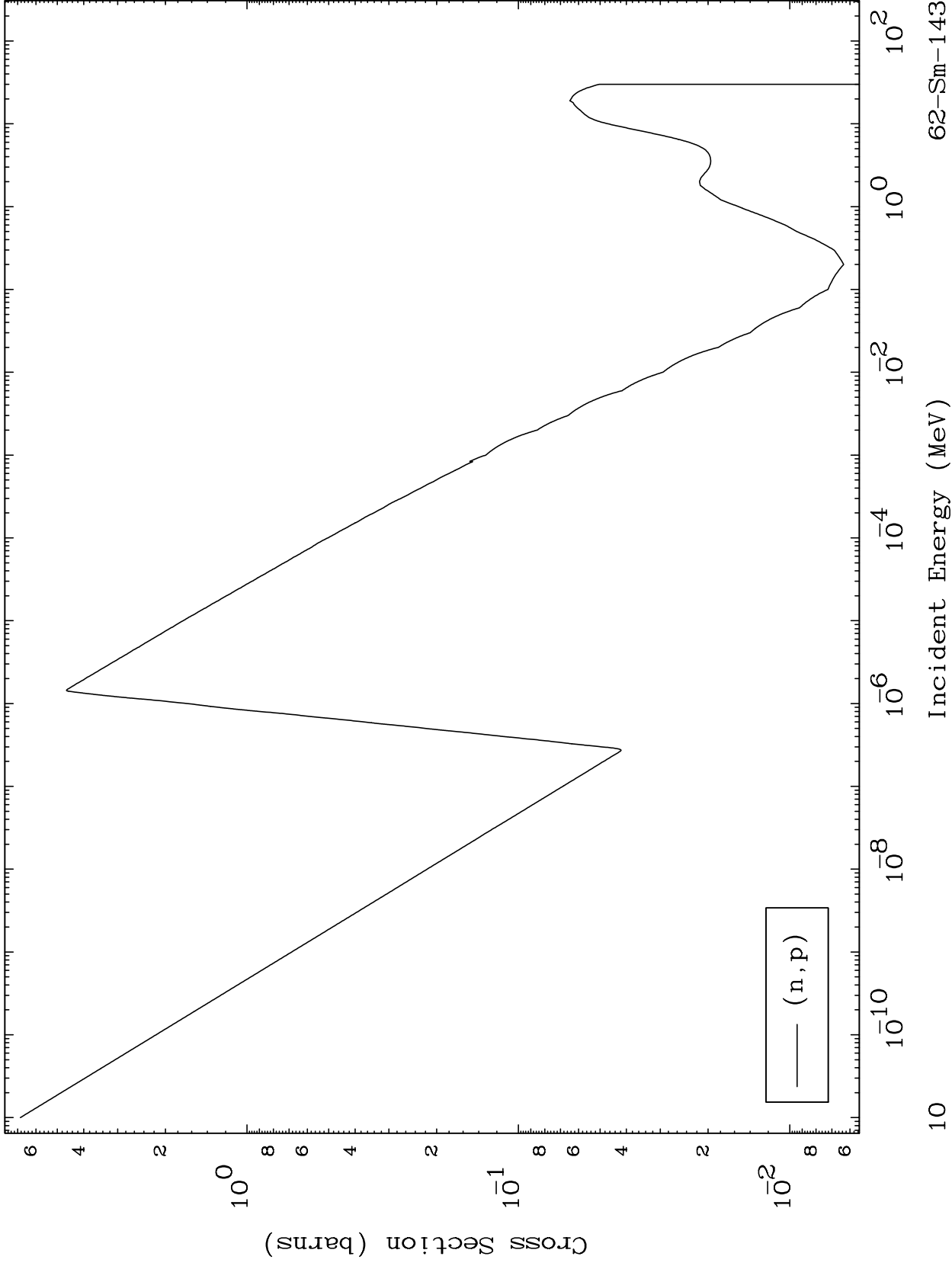
Incident Energy (MeV)

62-Sm-143

MAT 6223

(n,p) Levels
293 Kelvin Cross Sections

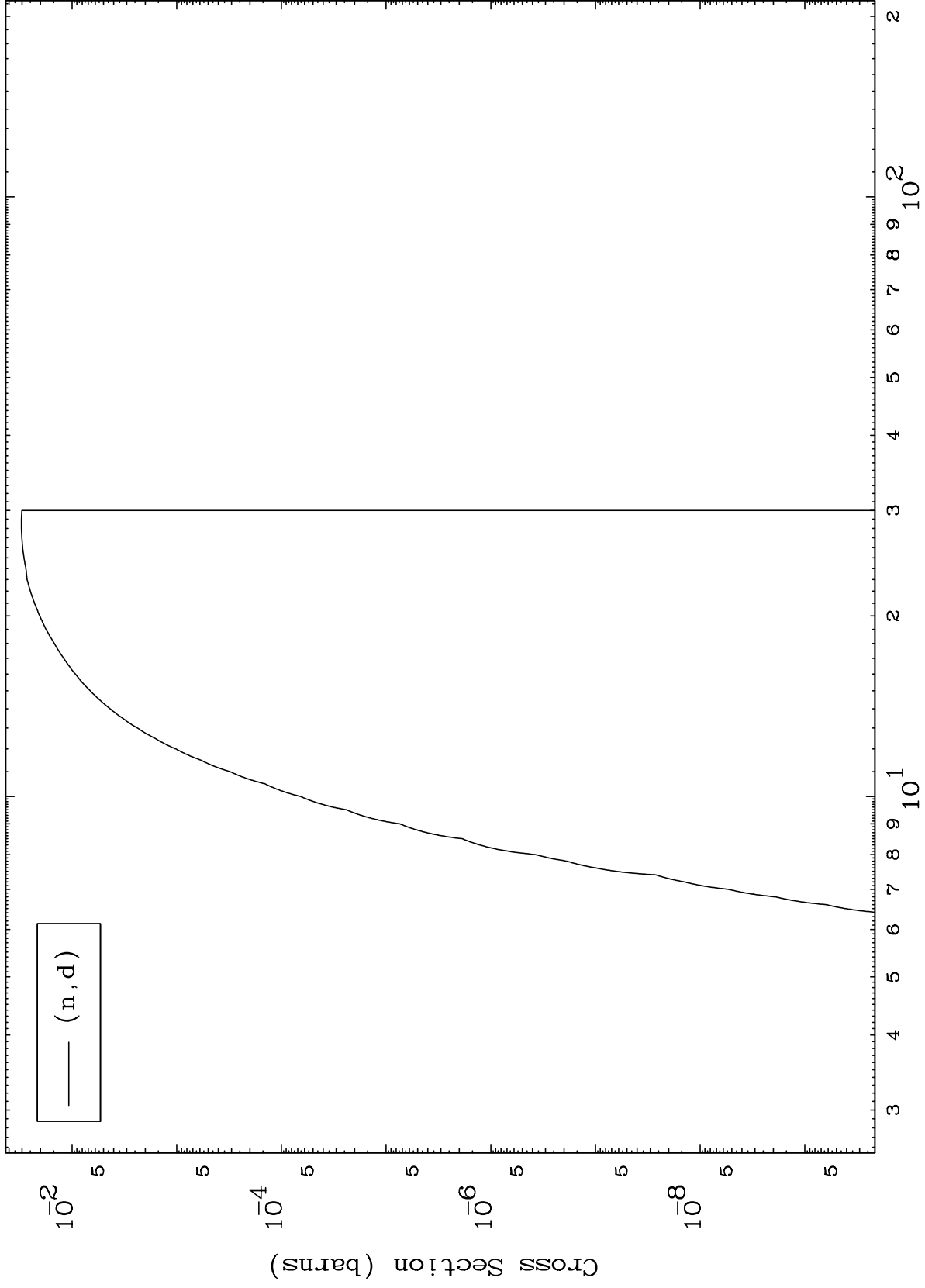
62-Sm-143



MAT 6223

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-143



11

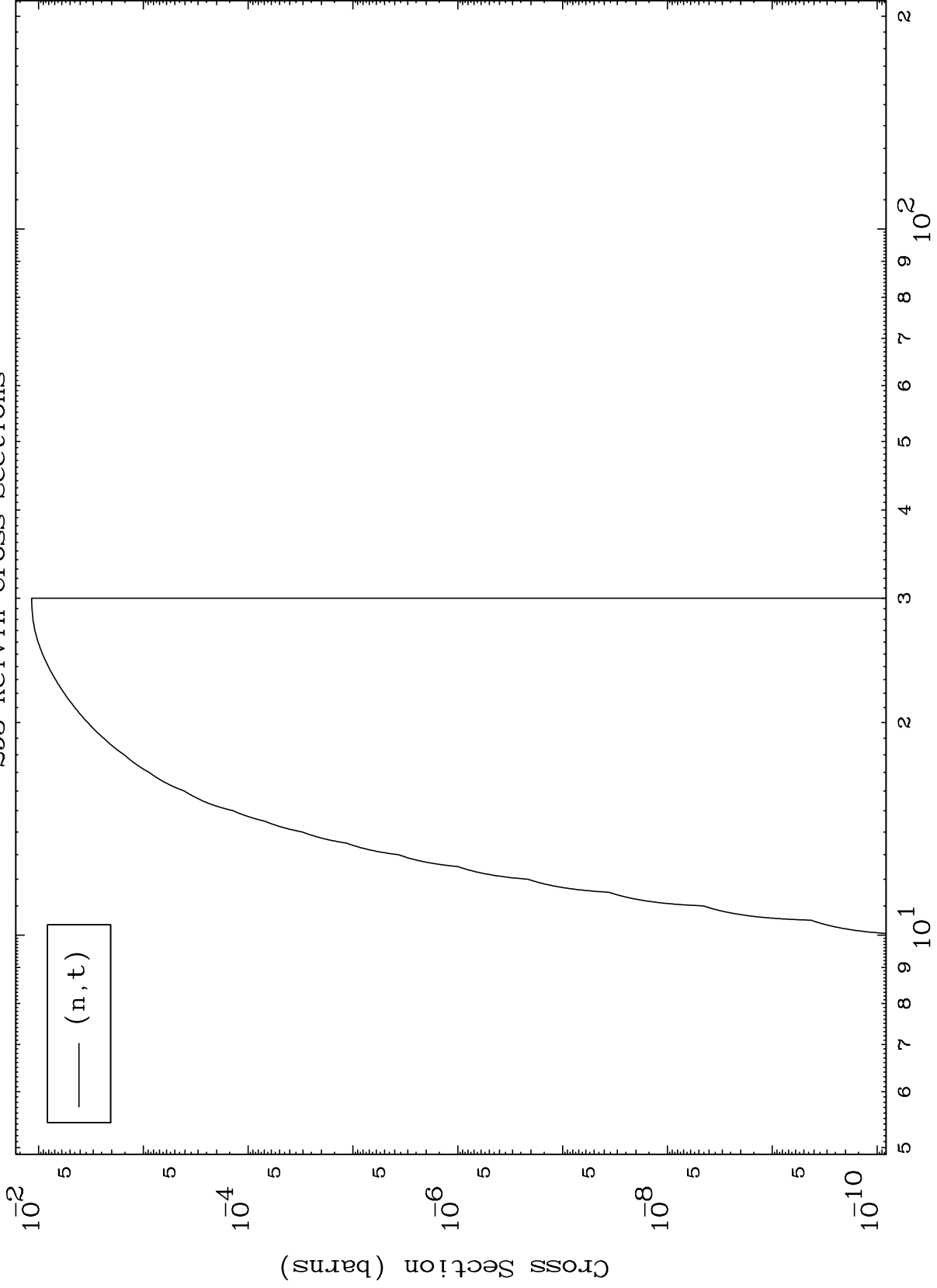
Incident Energy (MeV)

62-Sm-143

MAT 6223

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-143



12

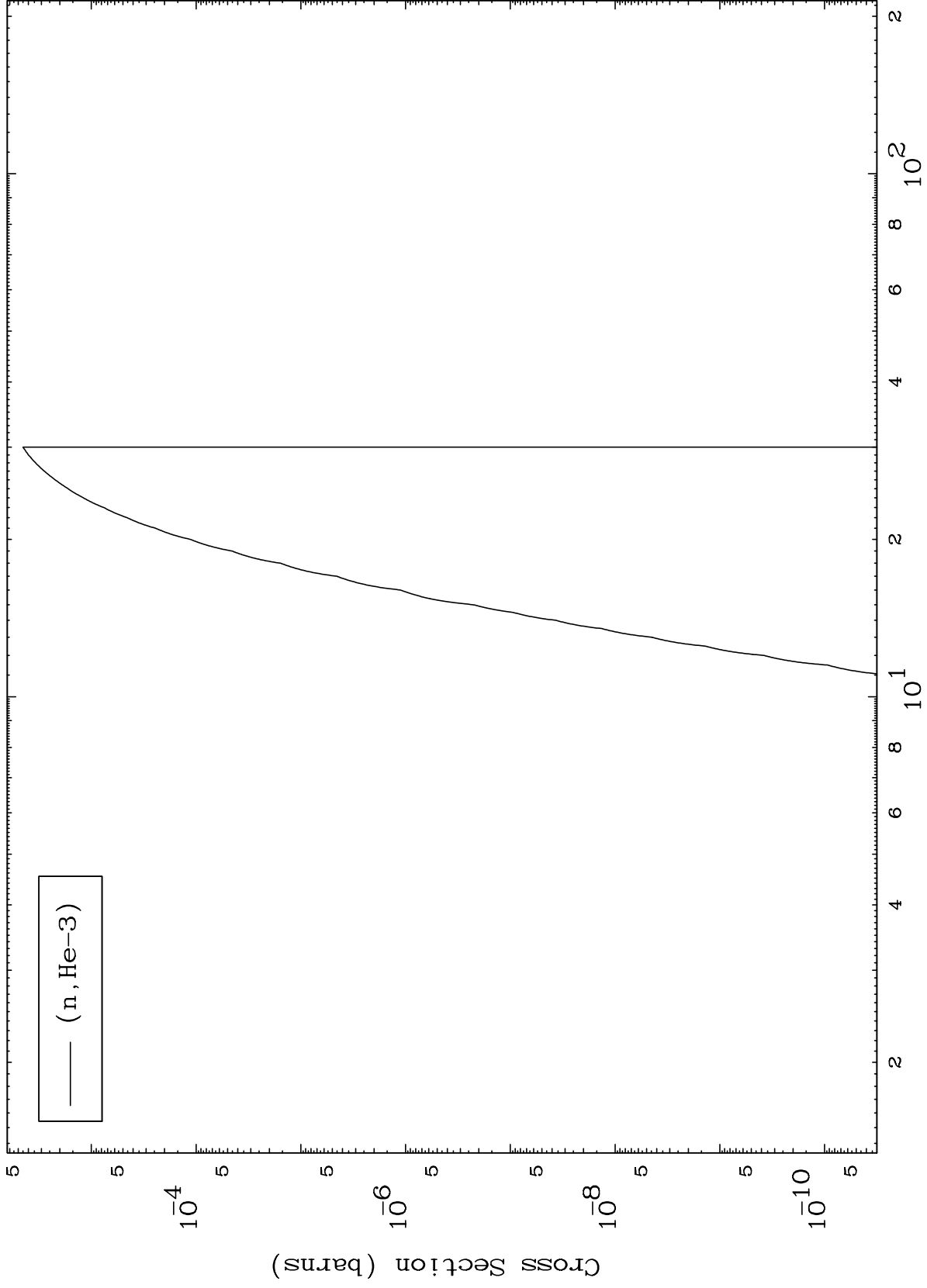
Incident Energy (MeV)

62-Sm-143

MAT 6223

(n,He3) Levels
293 Kelvin Cross Sections

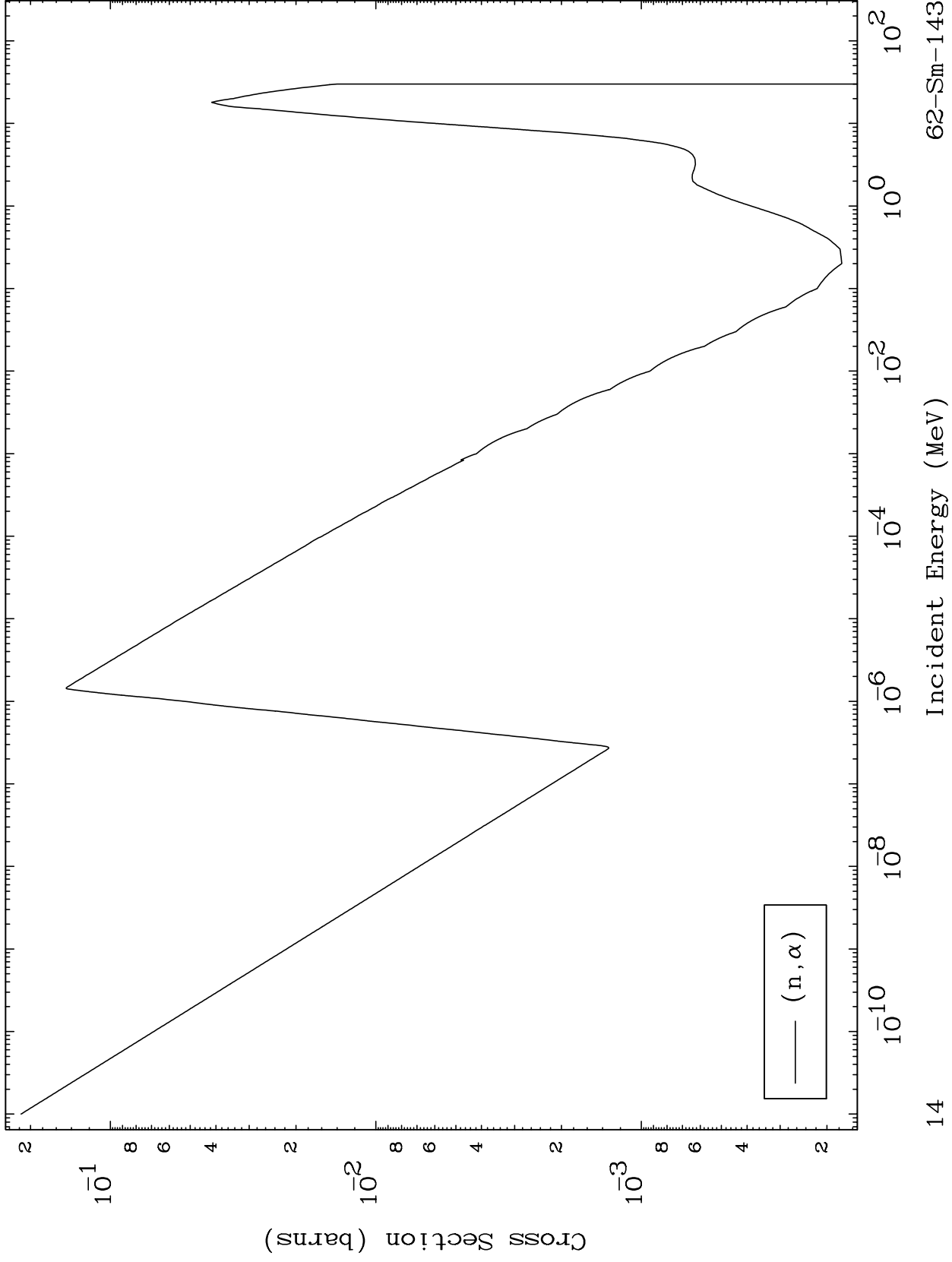
62-Sm-143

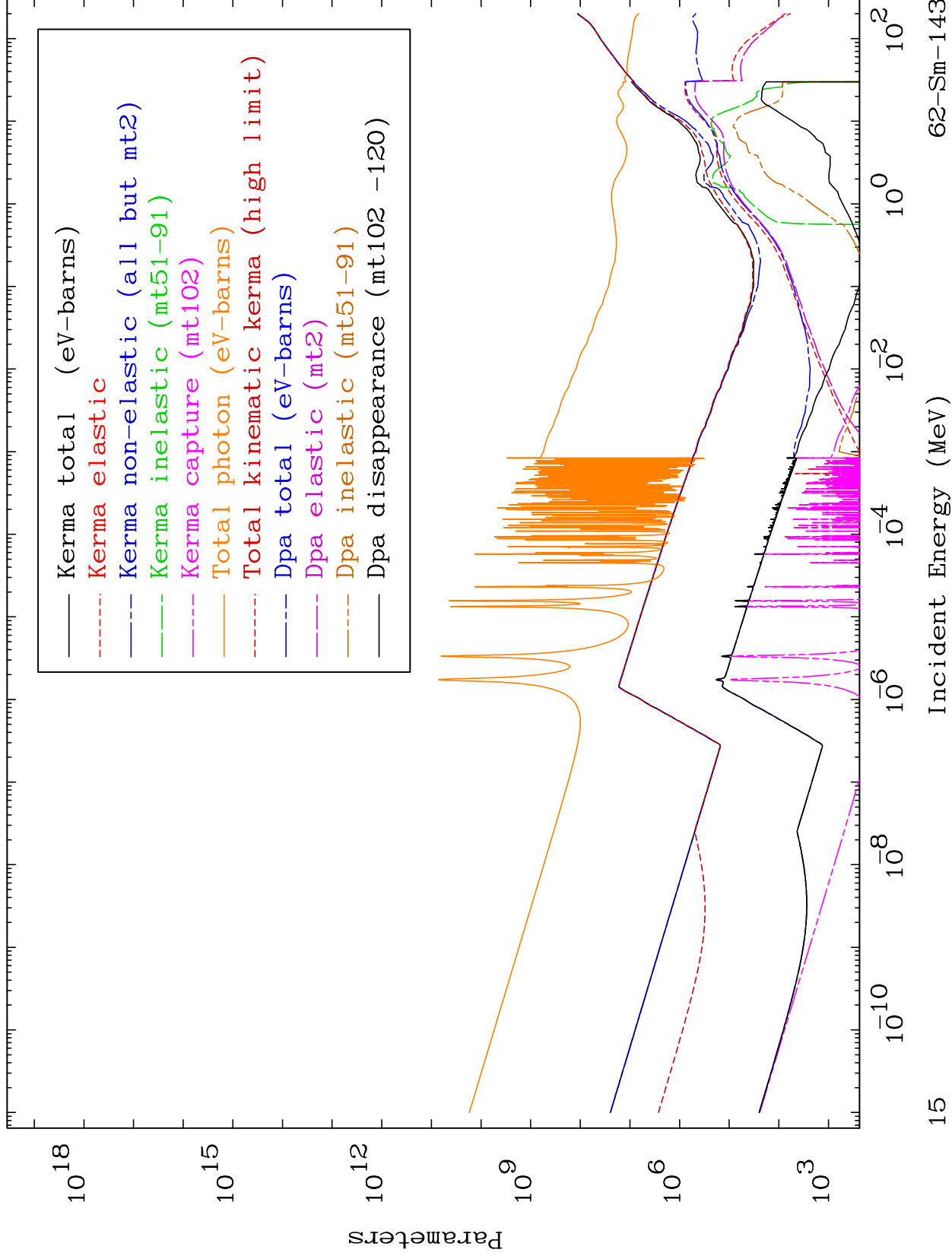


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(n, α) Levels
293 Kelvin Cross Sections

62-Sm-143

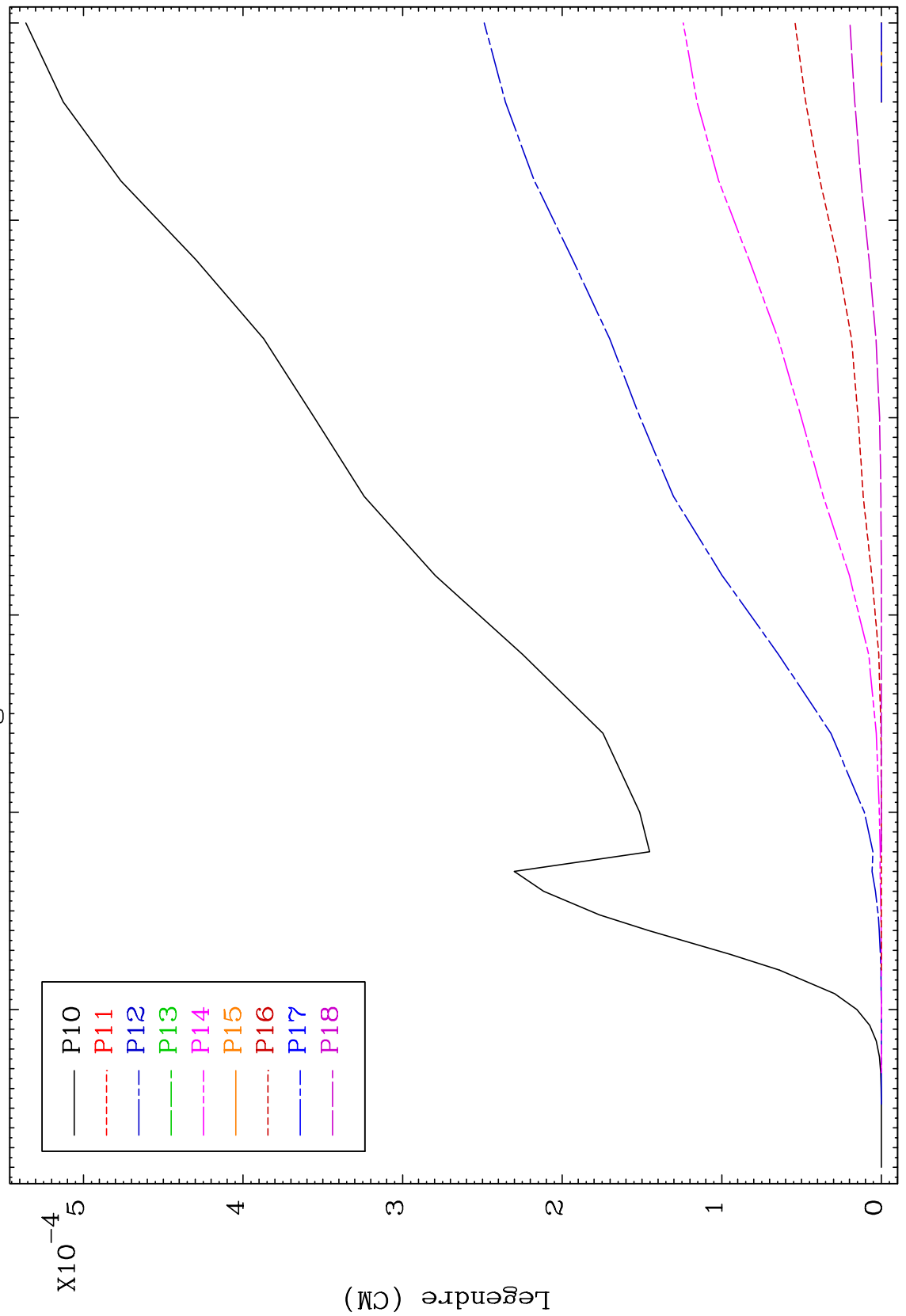




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Elastic Legendre Coefficients

62-Sm-143



17

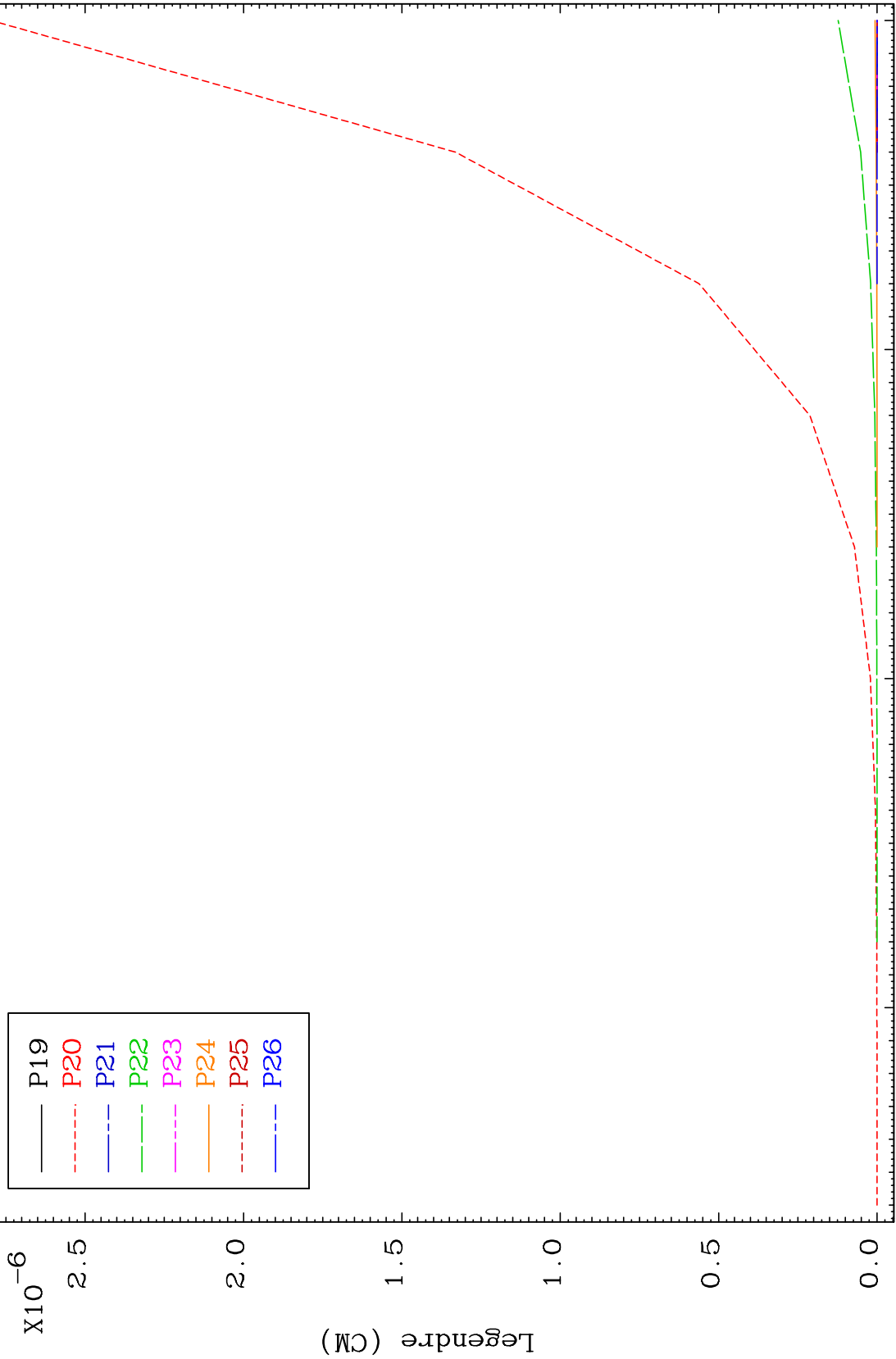
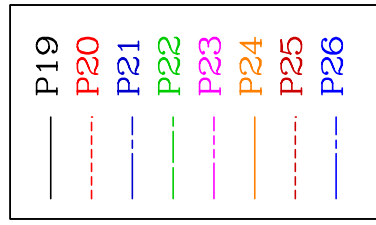
62-Sm-143

Incident Energy (MeV)

MAT 6223

Elastic Legendre Coefficients

62-Sm-143



18

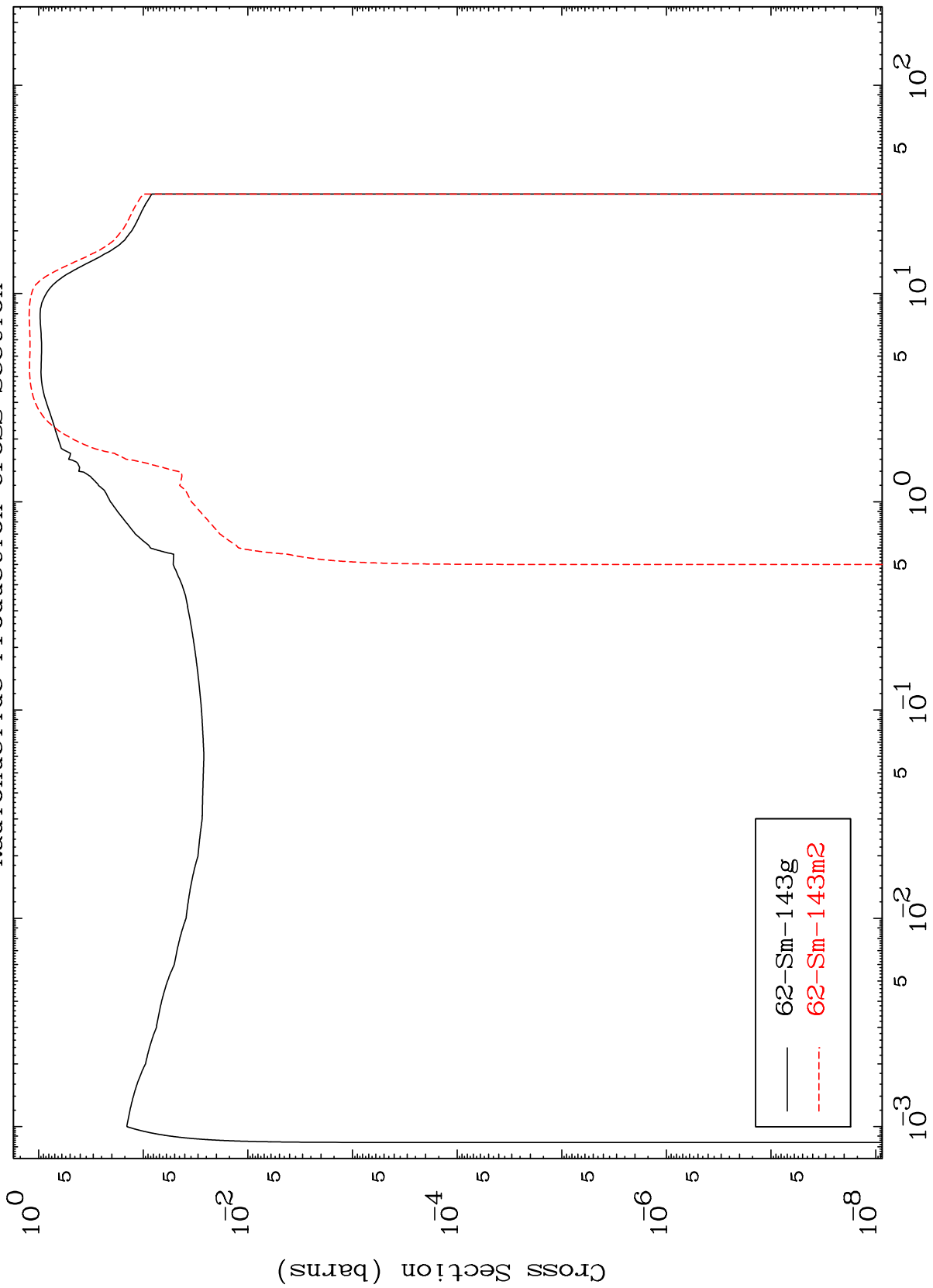
Incident Energy (MeV)

62-Sm-143

MAT 6223

62-Sm-143

Inelastic
Radionuclide Production Cross Section

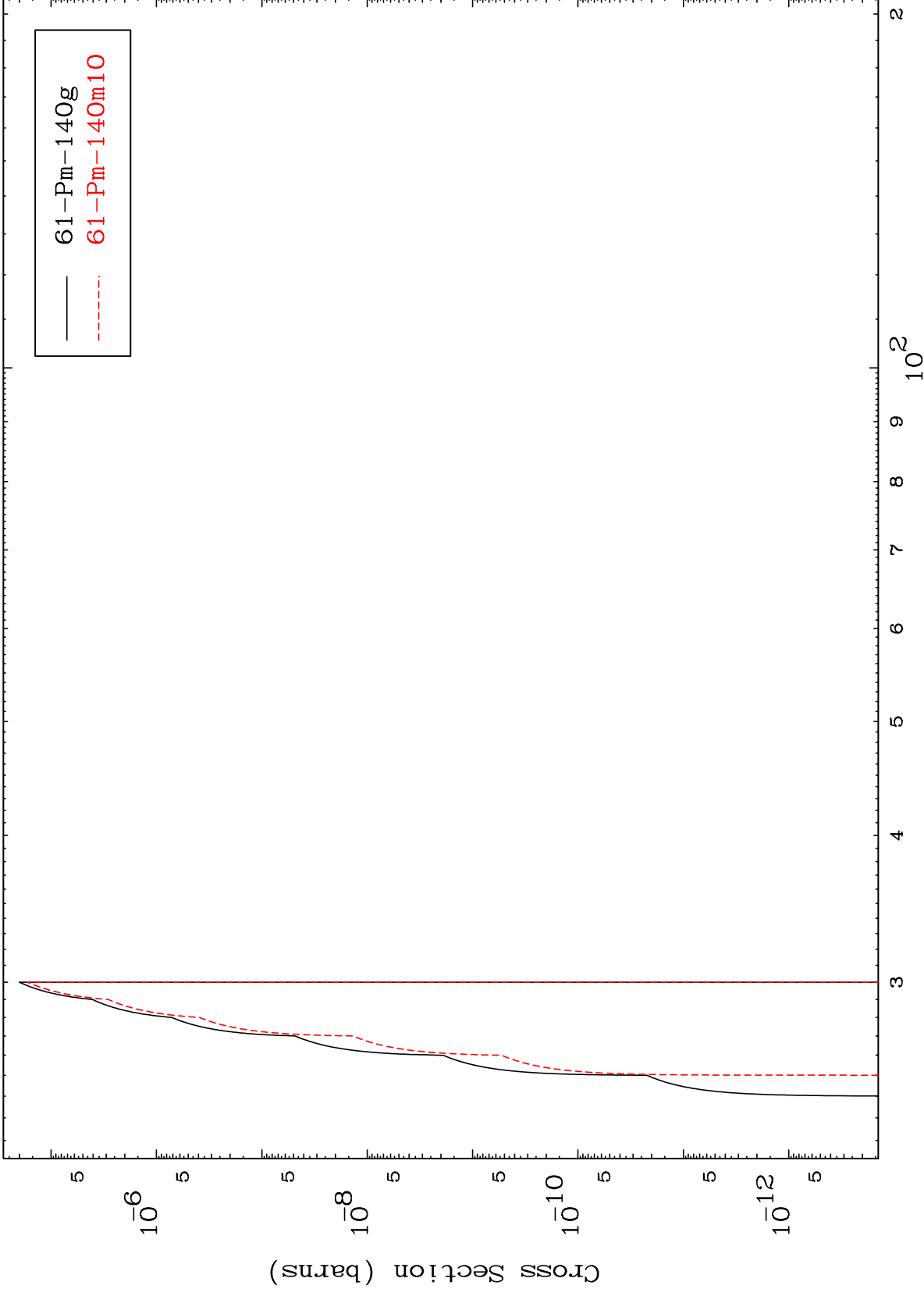


62-Sm-143

Incident Energy (MeV)

19

Radionuclide Production Cross Section



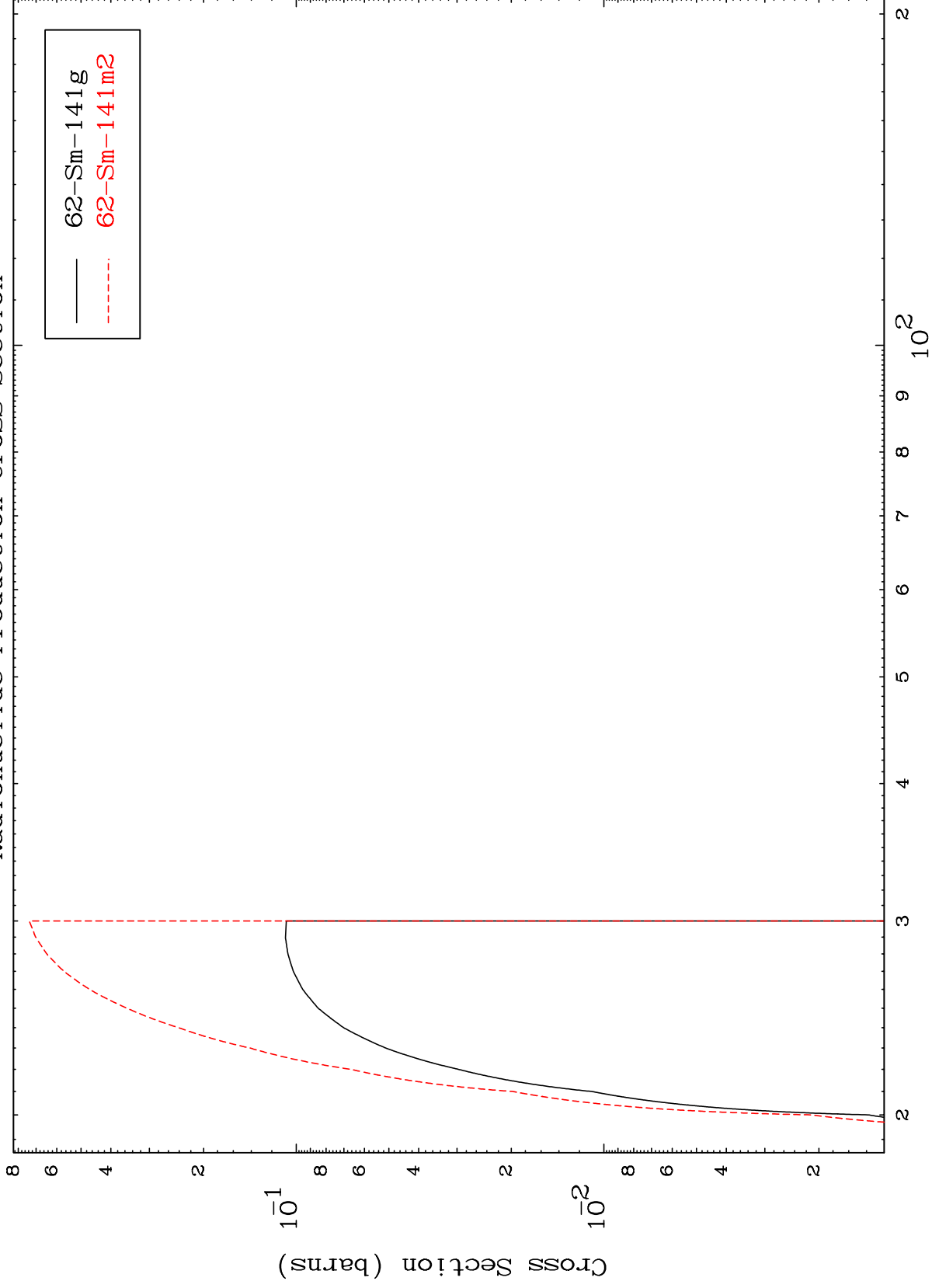
61-Pm-140g
61-Pm-140m10

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(n,3n)

62-Sm-143

Radionuclide Production Cross Section

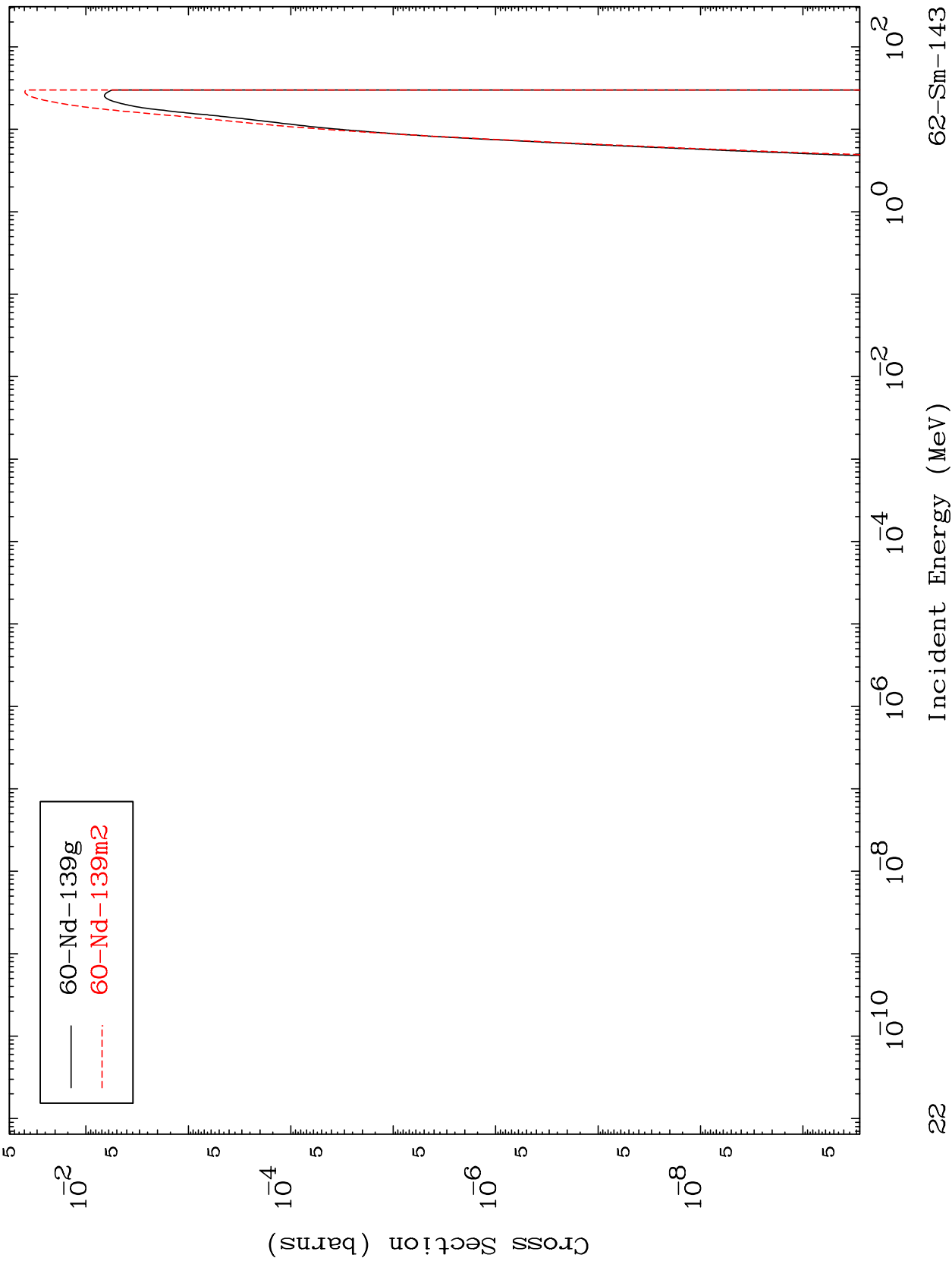


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$(n, n') \alpha$

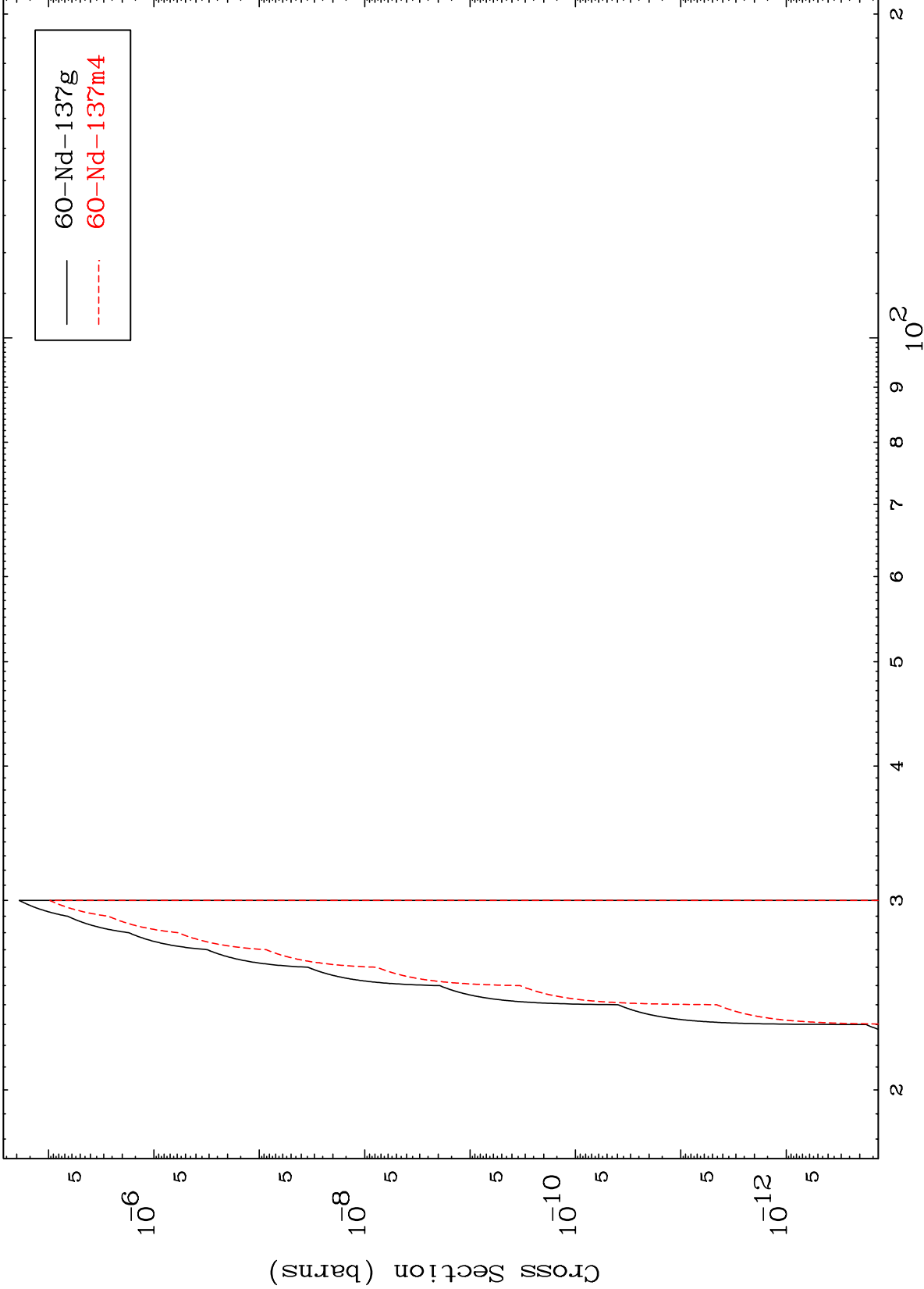
62-Sm-143

Radionuclide Production Cross Section



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

Radionuclide Production Cross Section

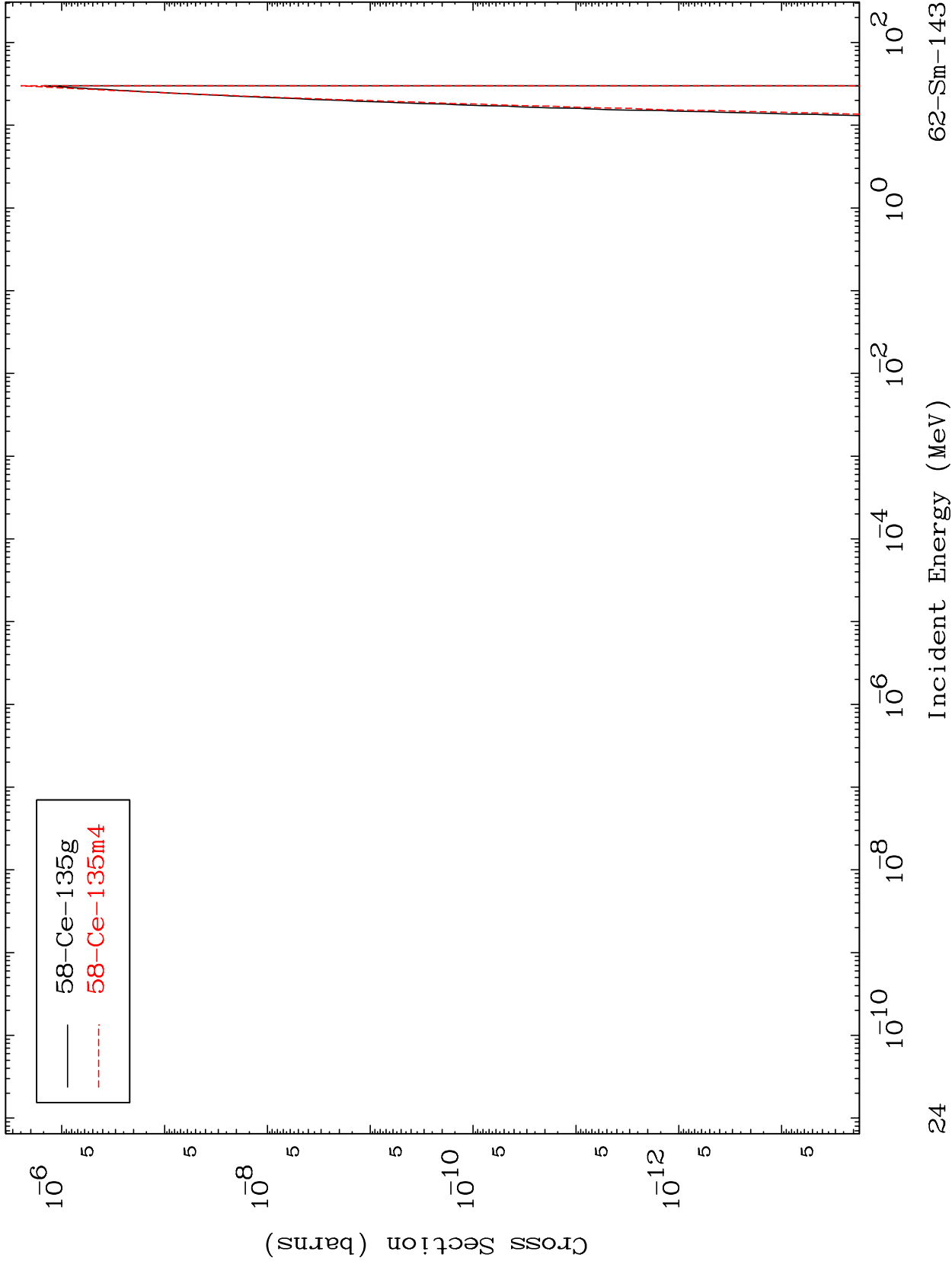


MAT 6223

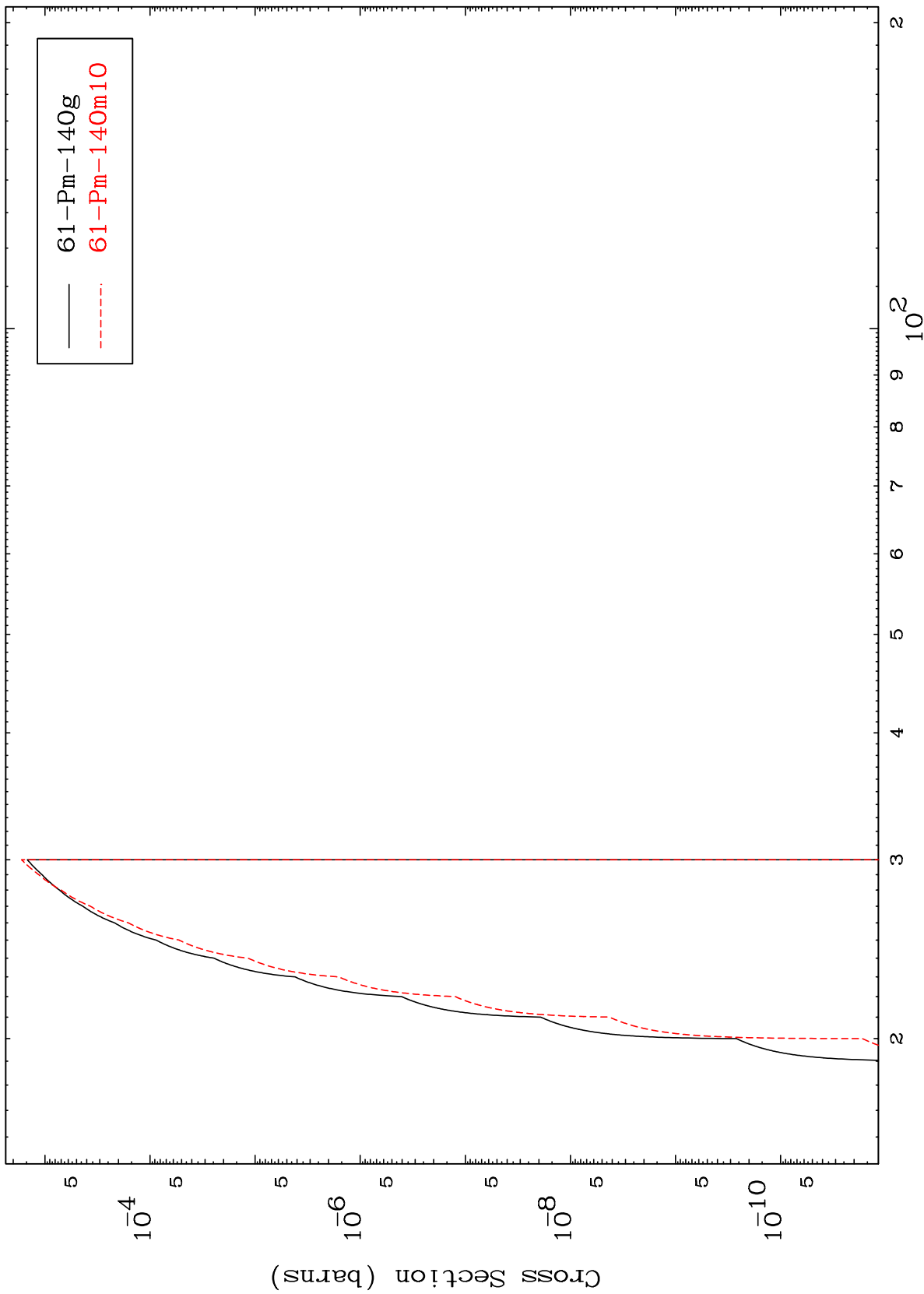
(n,n') 2α

62-Sm-143

Radionuclide Production Cross Section

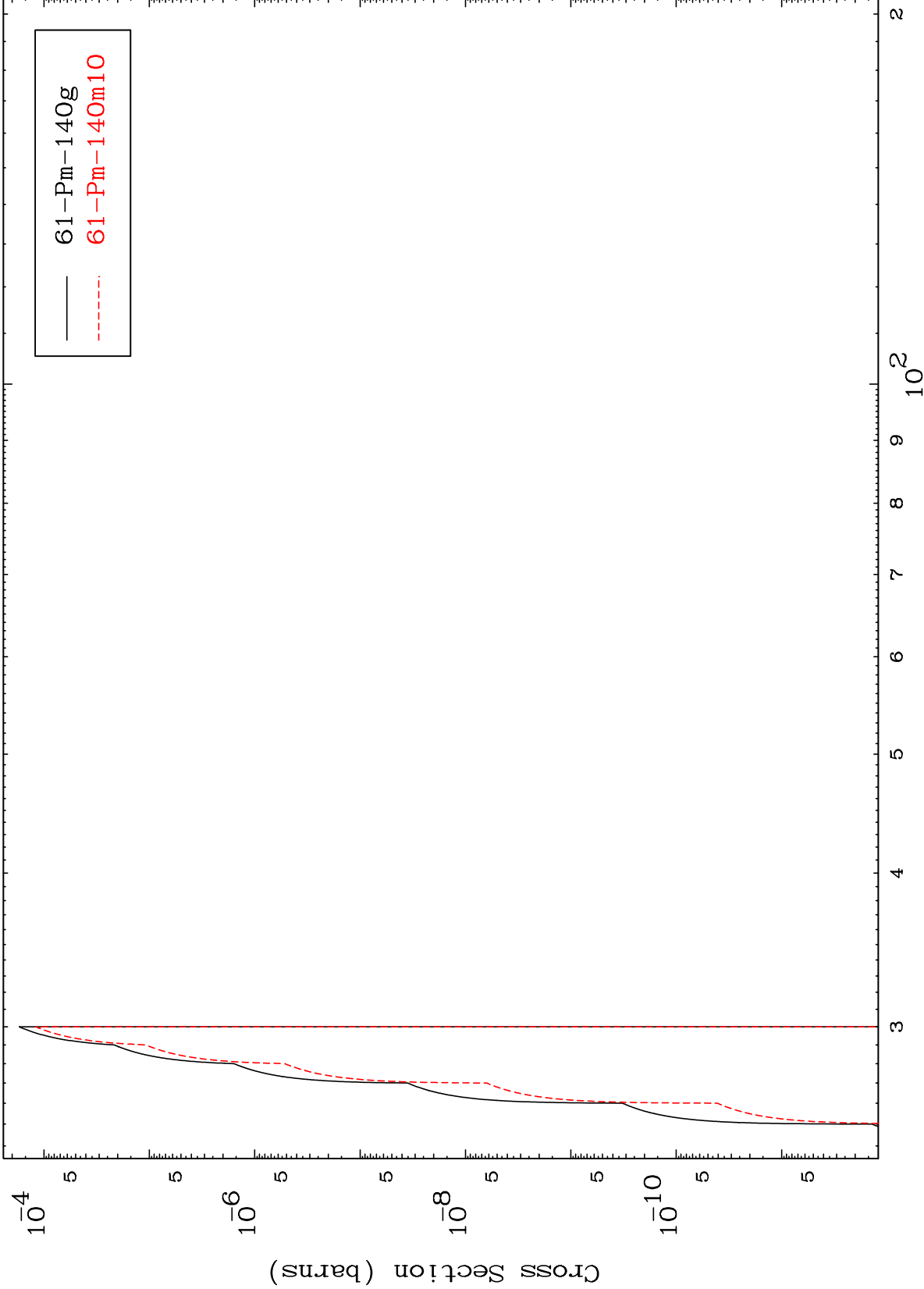


Radionuclide Production Cross Section



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

Radionuclide Production Cross Section



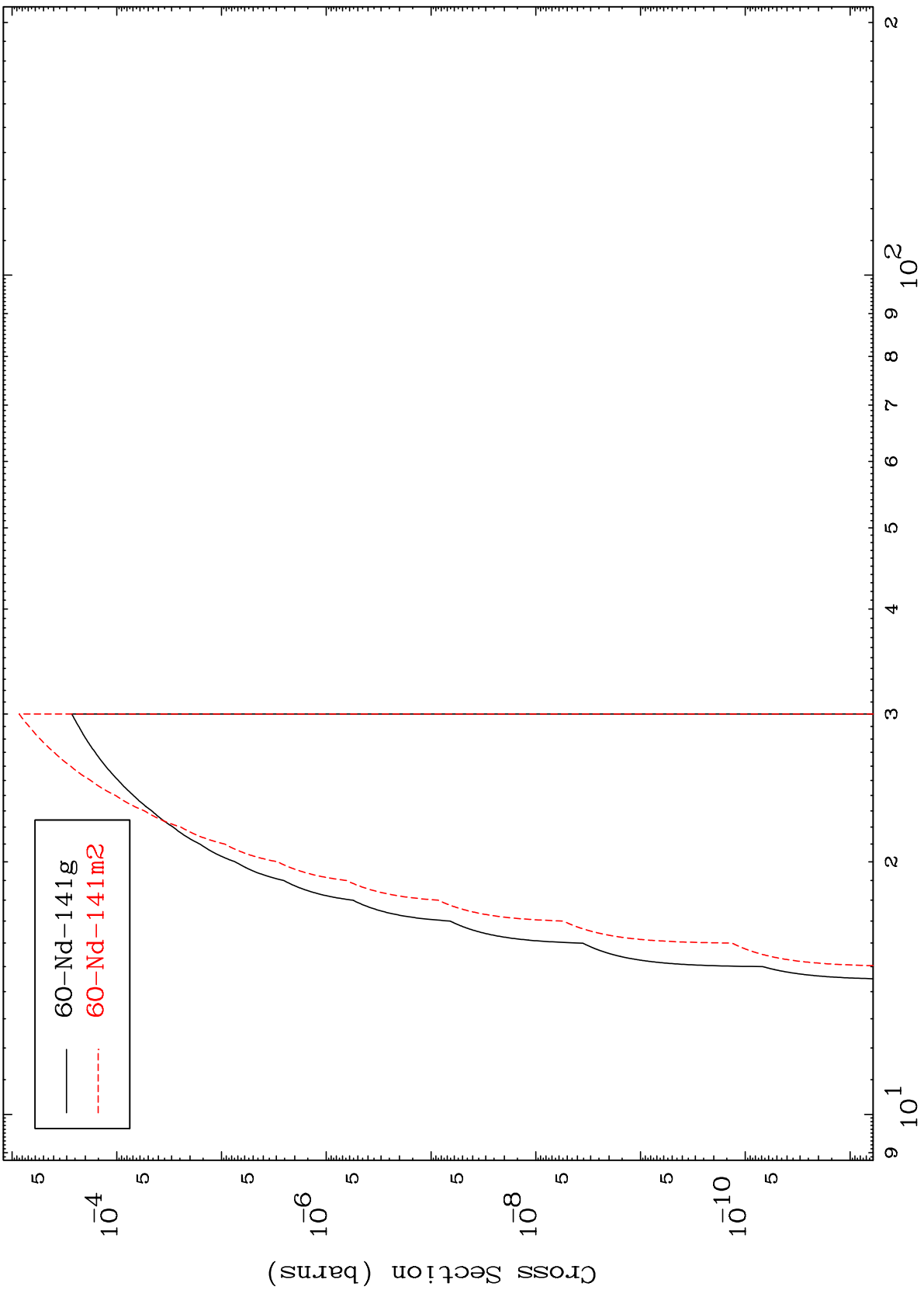
61-Pm-140g
61-Pm-140m10

MAT 6223

(n,2n) p

62-Sm-143

Radionuclide Production Cross Section



27

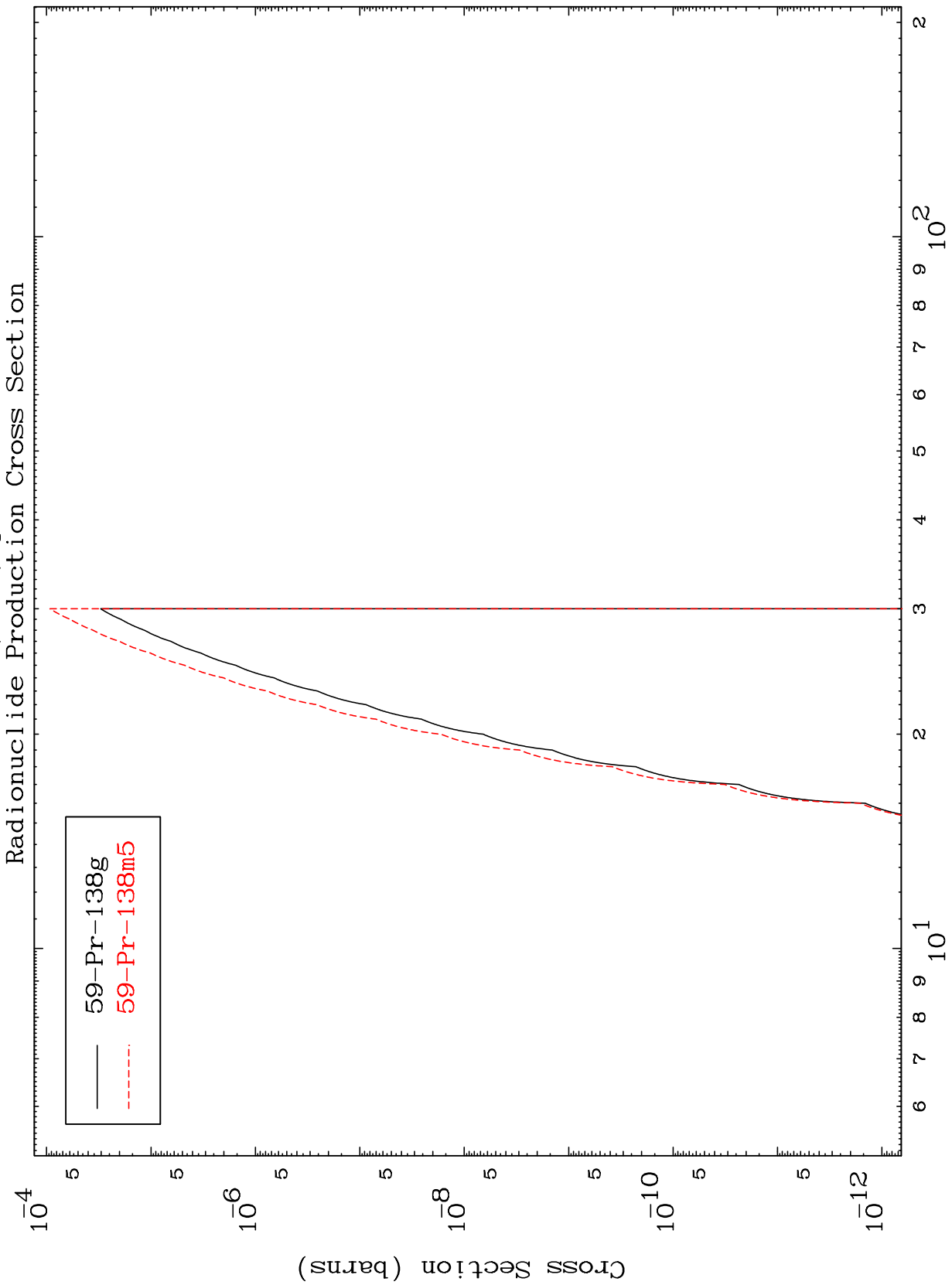
Incident Energy (MeV)

62-Sm-143

MAT 6223

(n,n') p α

62-Sm-143



28

Incident Energy (MeV)

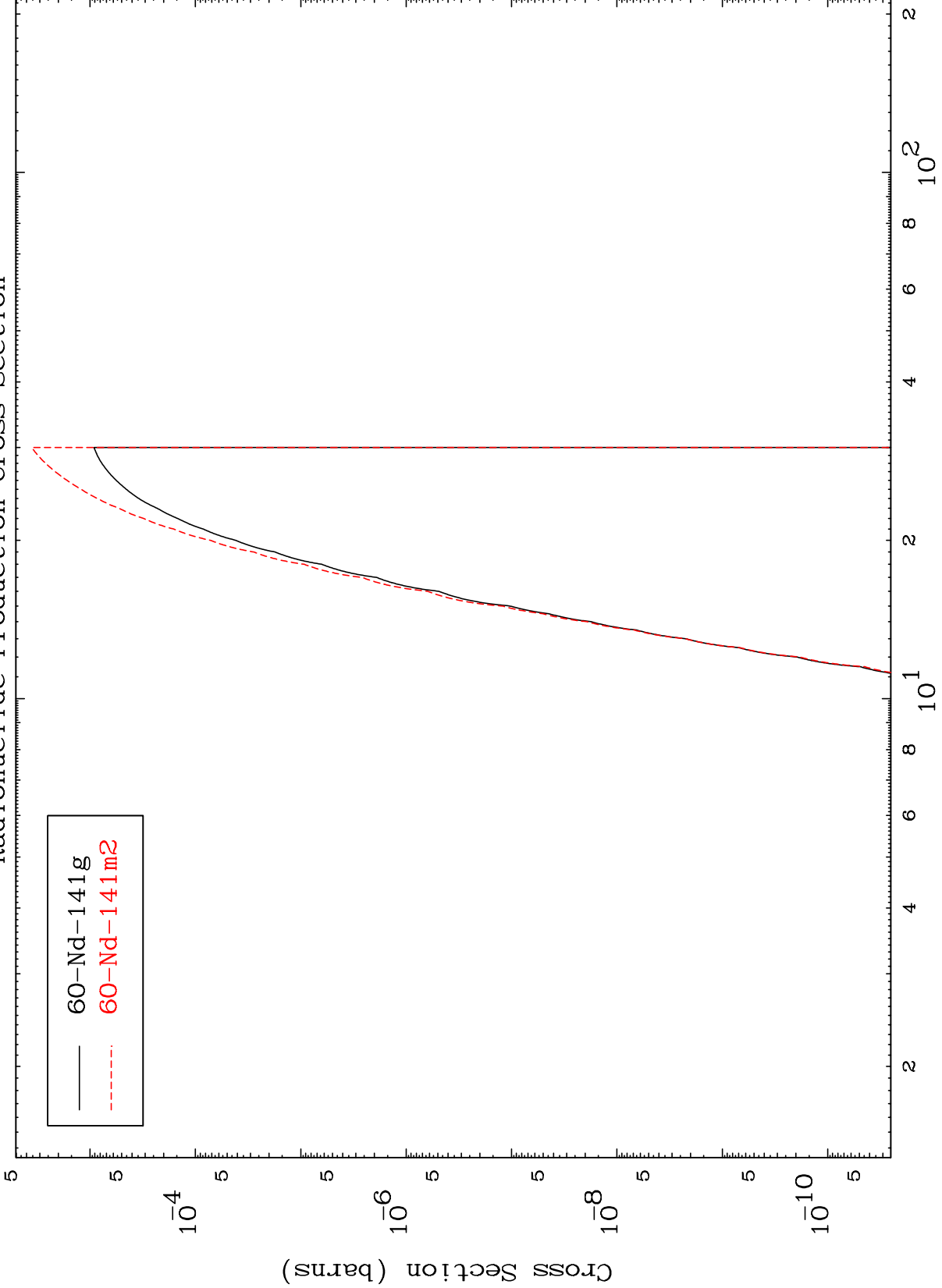
62-Sm-143

MAT 6223

(n,He-3)

62-Sm-143

Radionuclide Production Cross Section



29

Incident Energy (MeV)

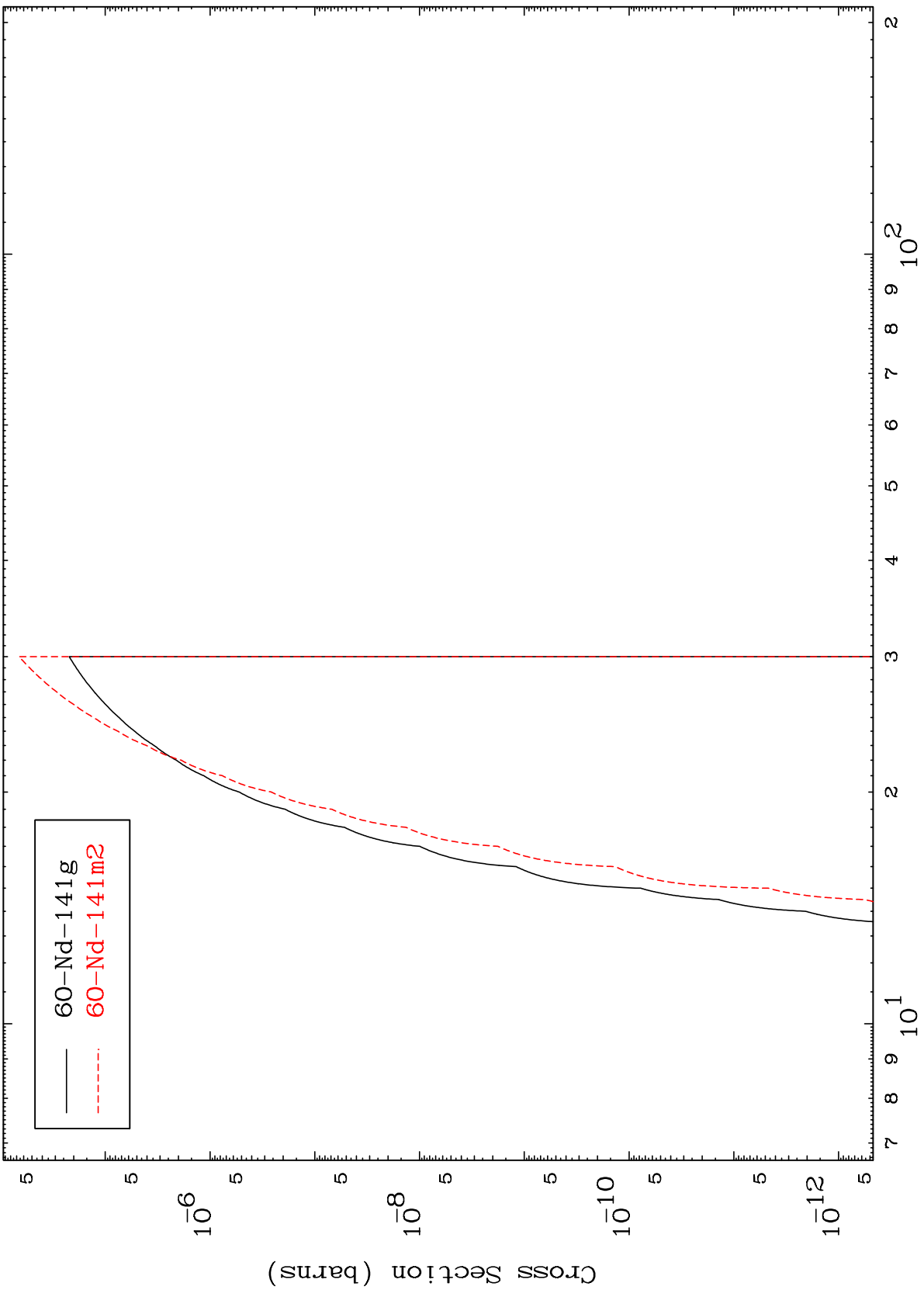
62-Sm-143

MAT 6223

(n,p) d

62-Sm-143

Radionuclide Production Cross Section



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

30

Incident Energy (MeV)

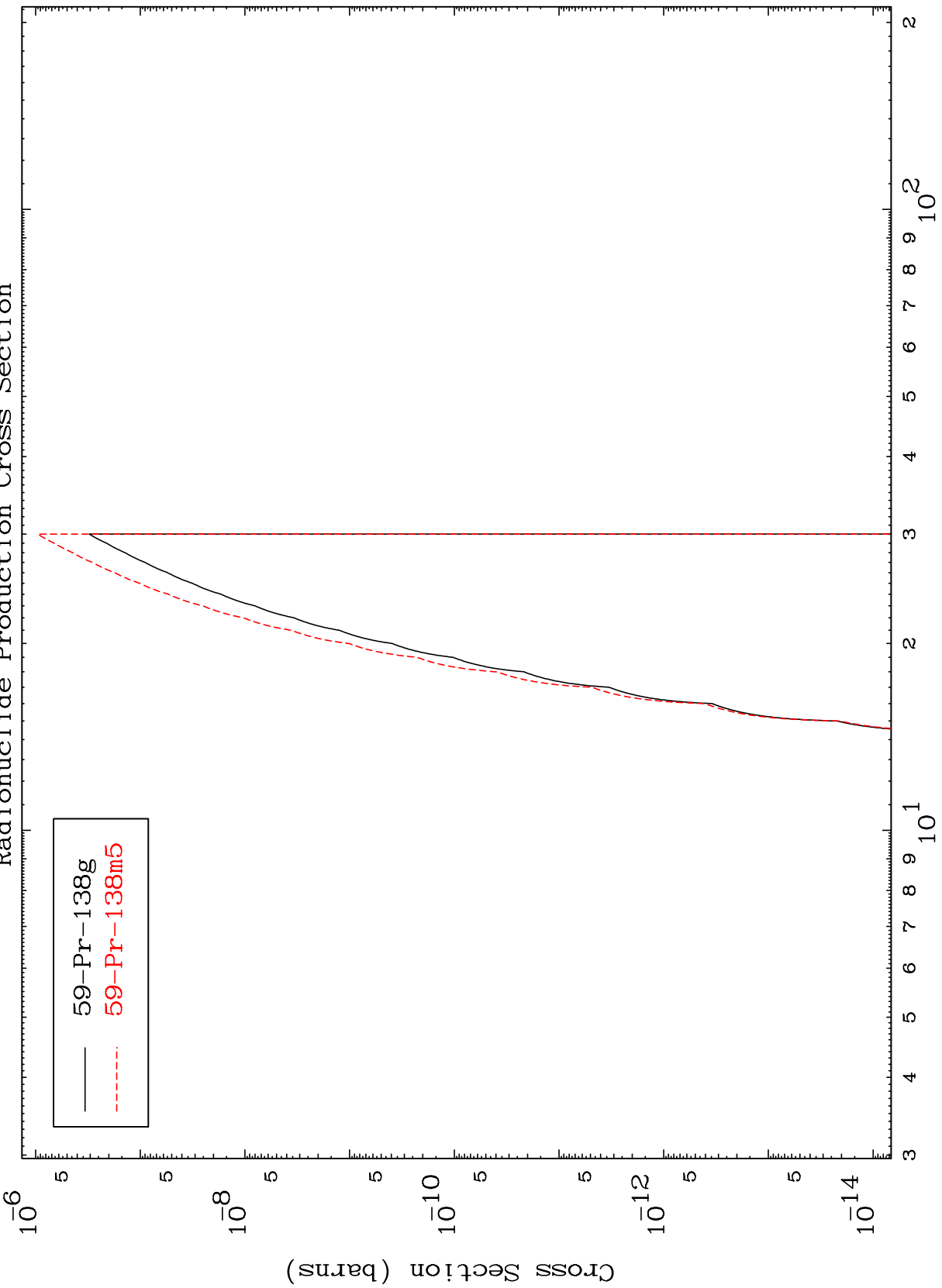
62-Sm-143

MAT 6223

(n,d) α

62-Sm-143

Radionuclide Production Cross Section



31

Incident Energy (MeV)

62-Sm-143