

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

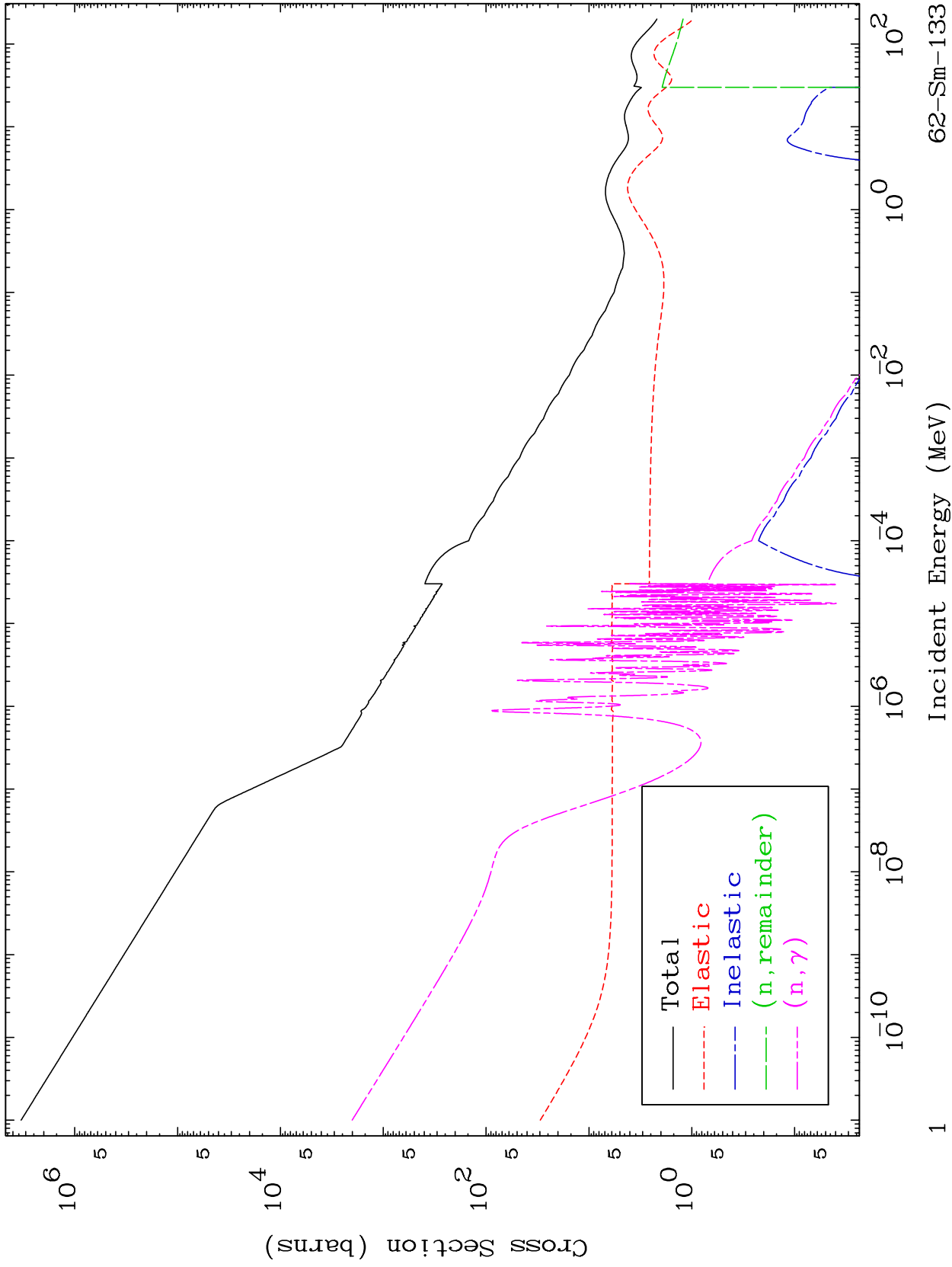
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6193

Major
293 Kelvin Cross Sections

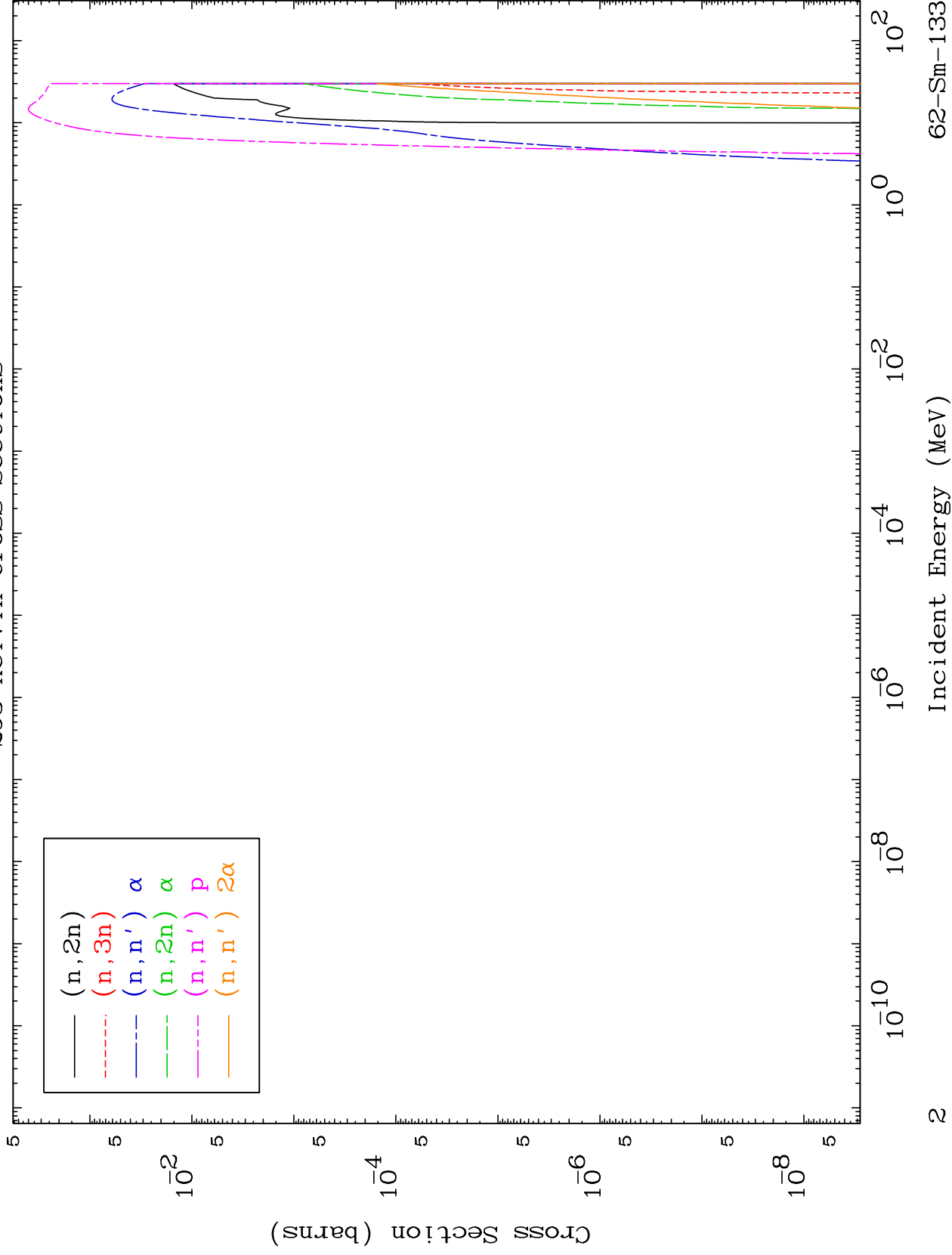
62-Sm-133

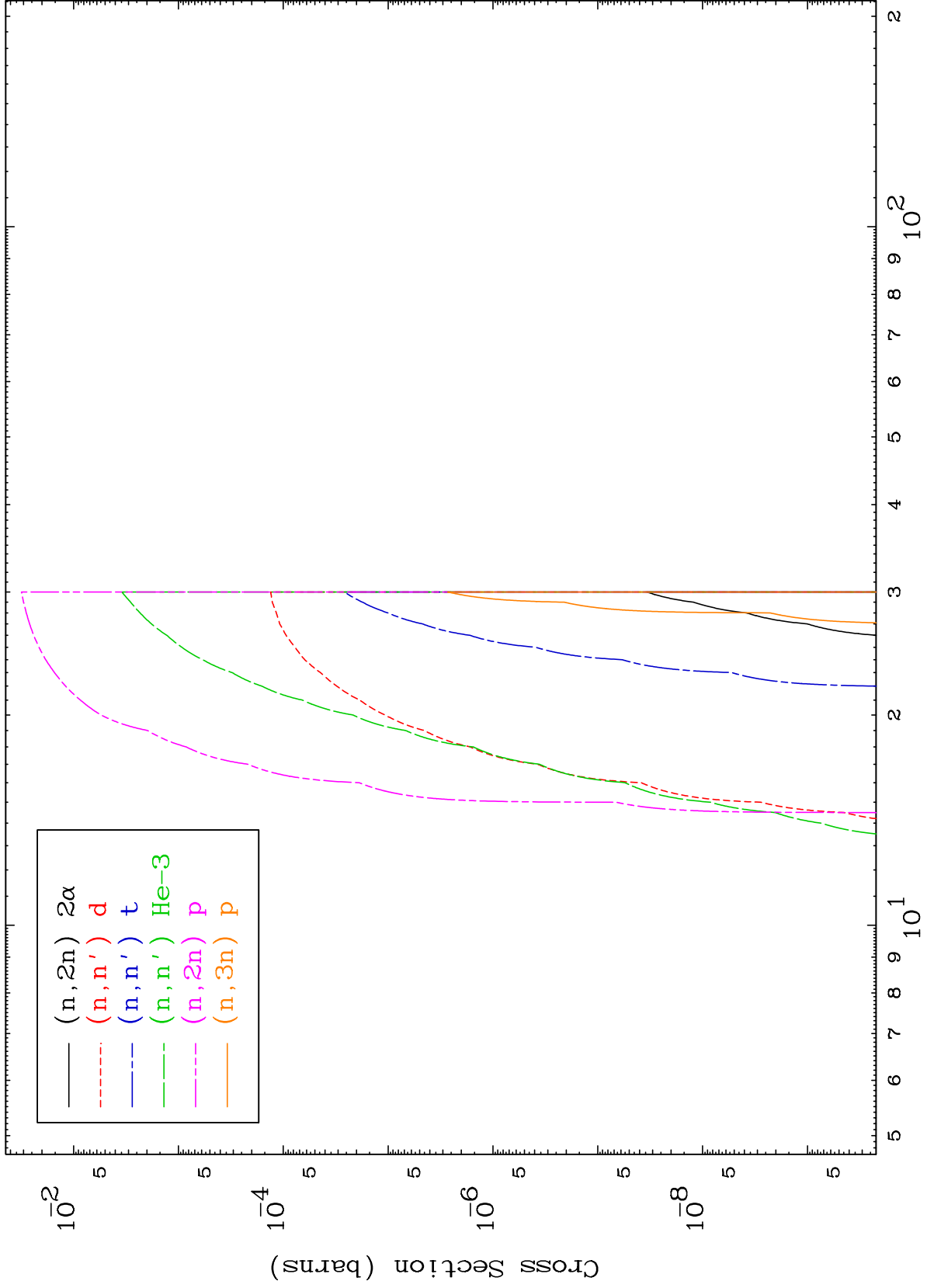


MAT 6193

Neutron Production
293 Kelvin Cross Sections

62-Sm-133

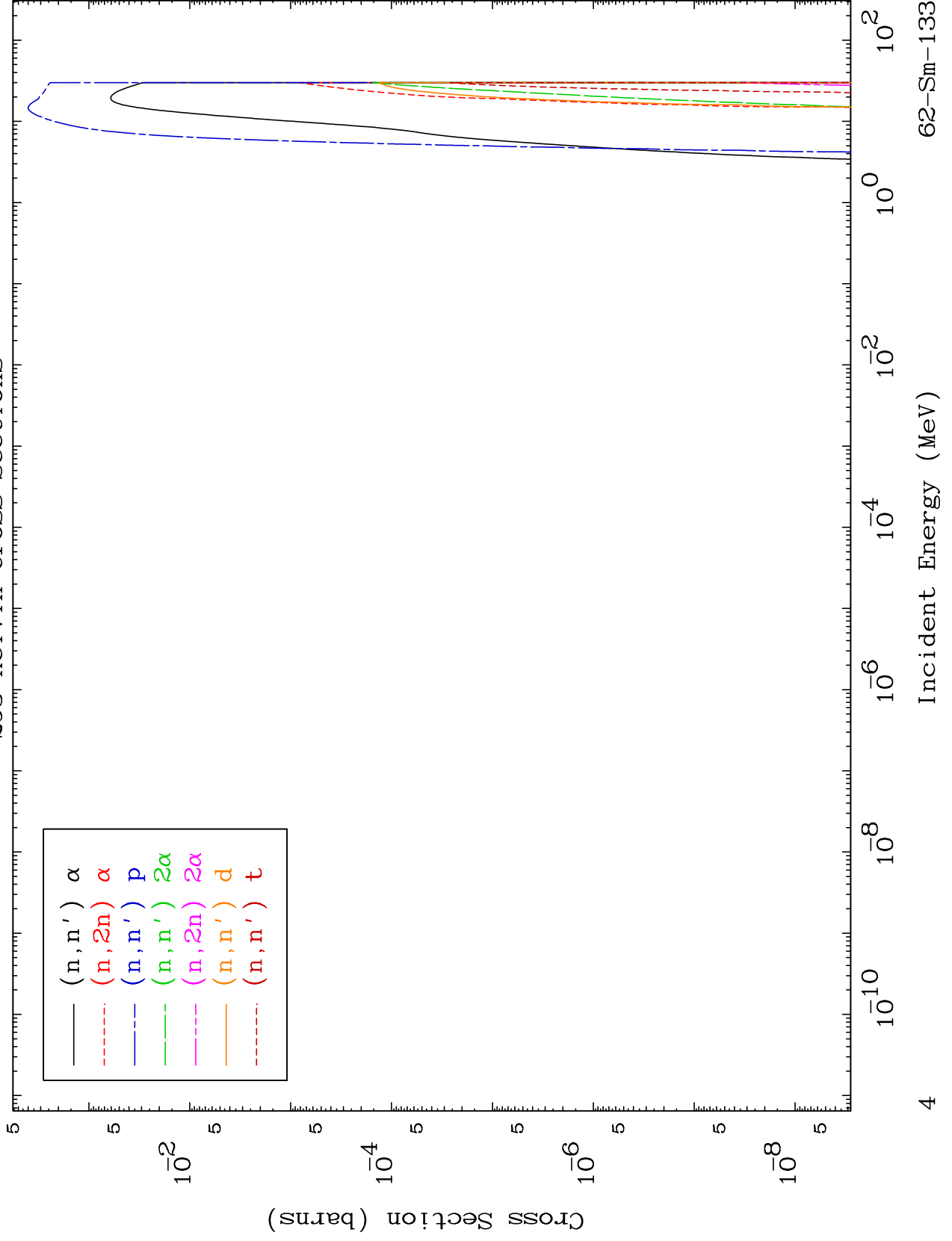




MAT 6193

Charged Particle
293 Kelvin Cross Sections

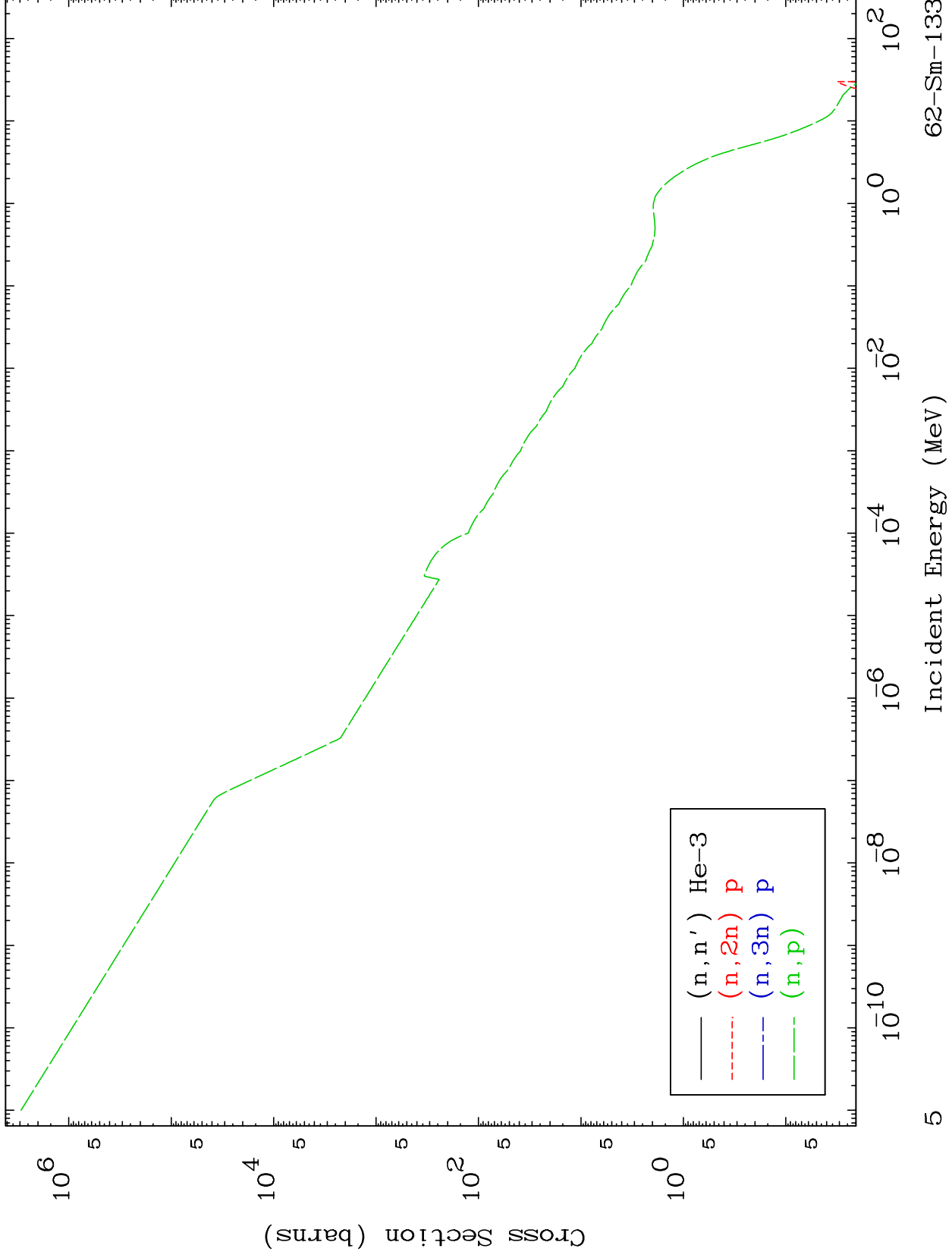
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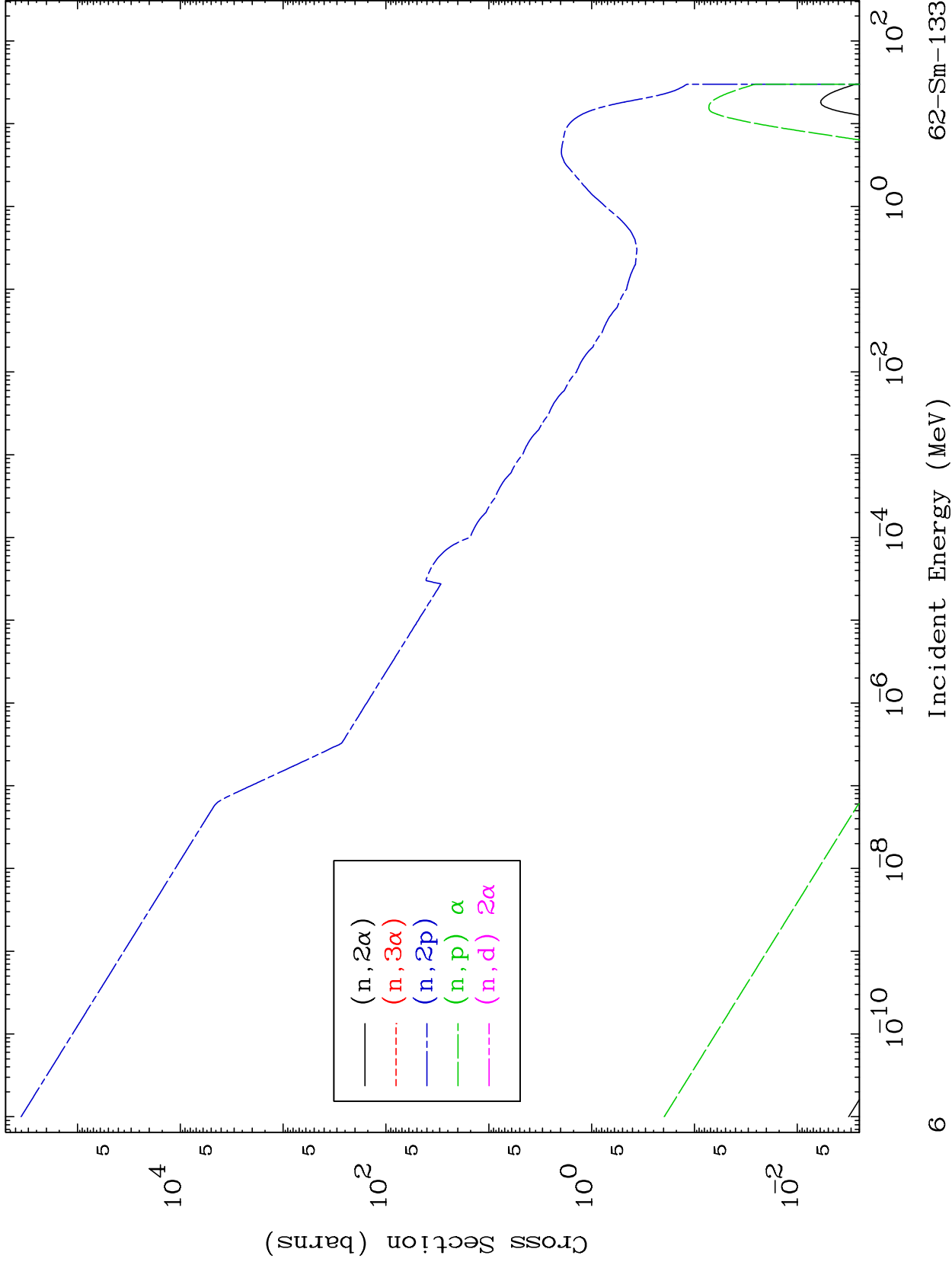


MAT 6193

Charged Particle
293 Kelvin Cross Sections

62-Sm-133

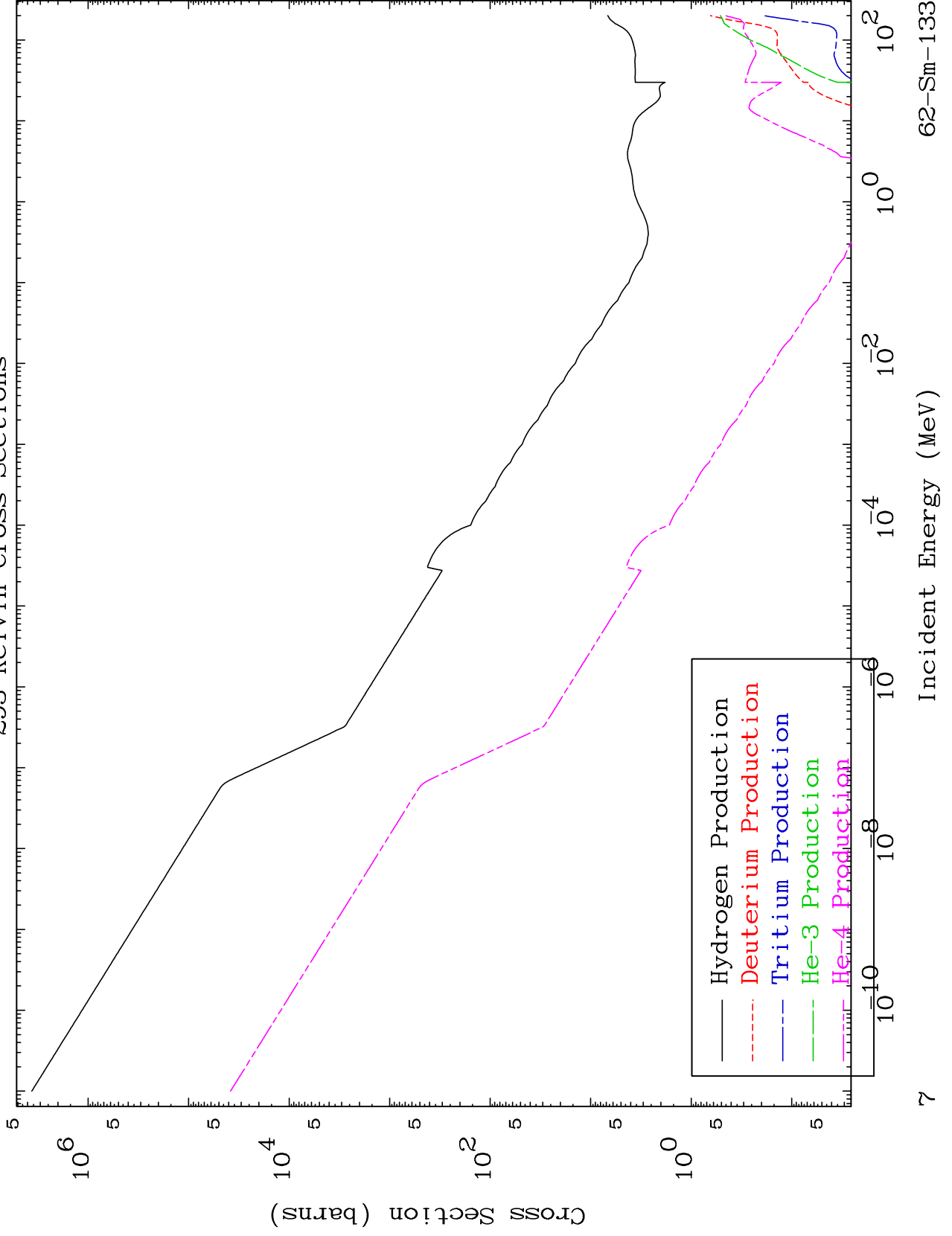




MAT 6193

Particle Production
293 Kelvin Cross Sections

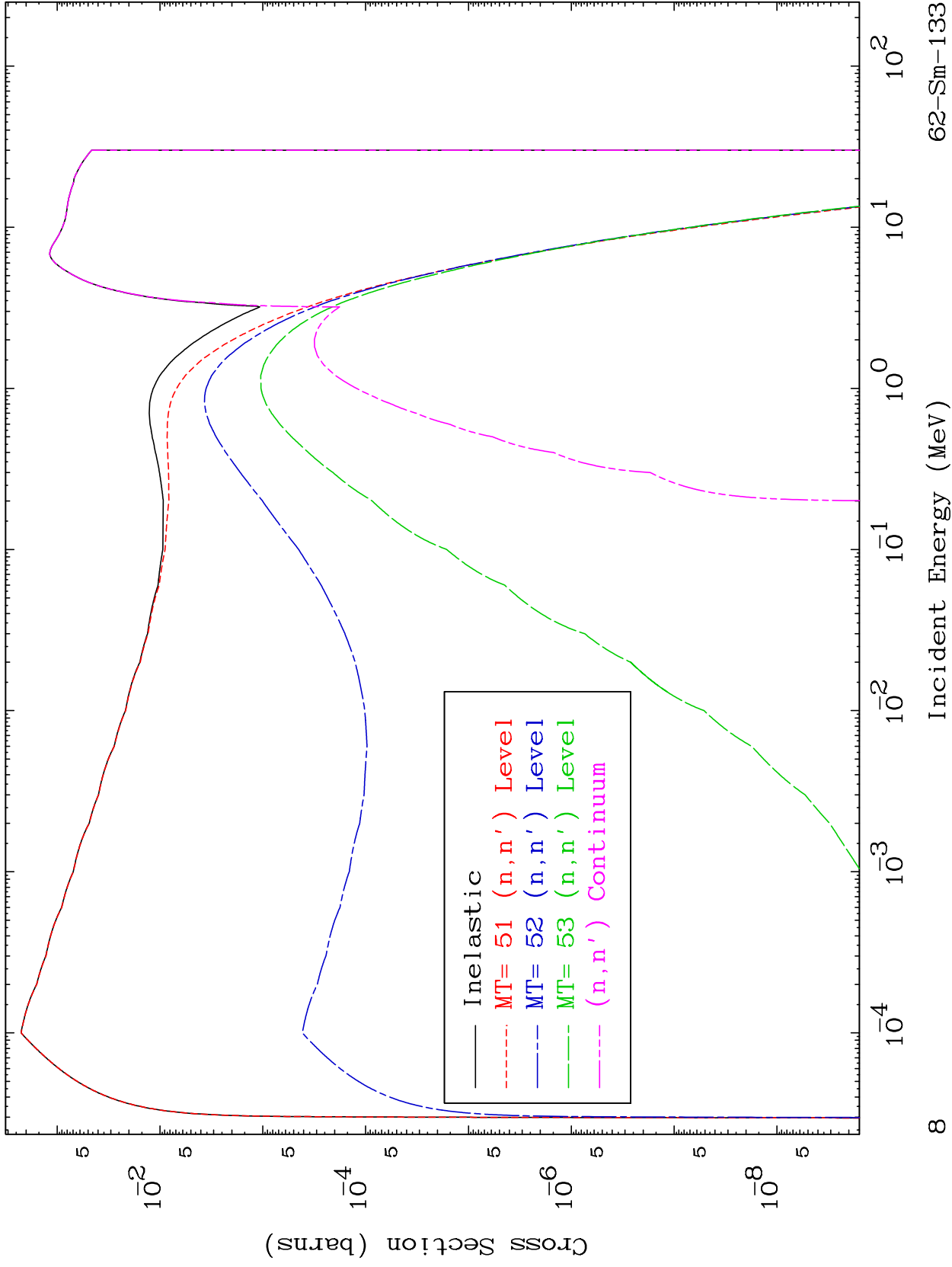
62-Sm-133



MAT 6193

(n,n') Level
293 Kelvin Cross Sections

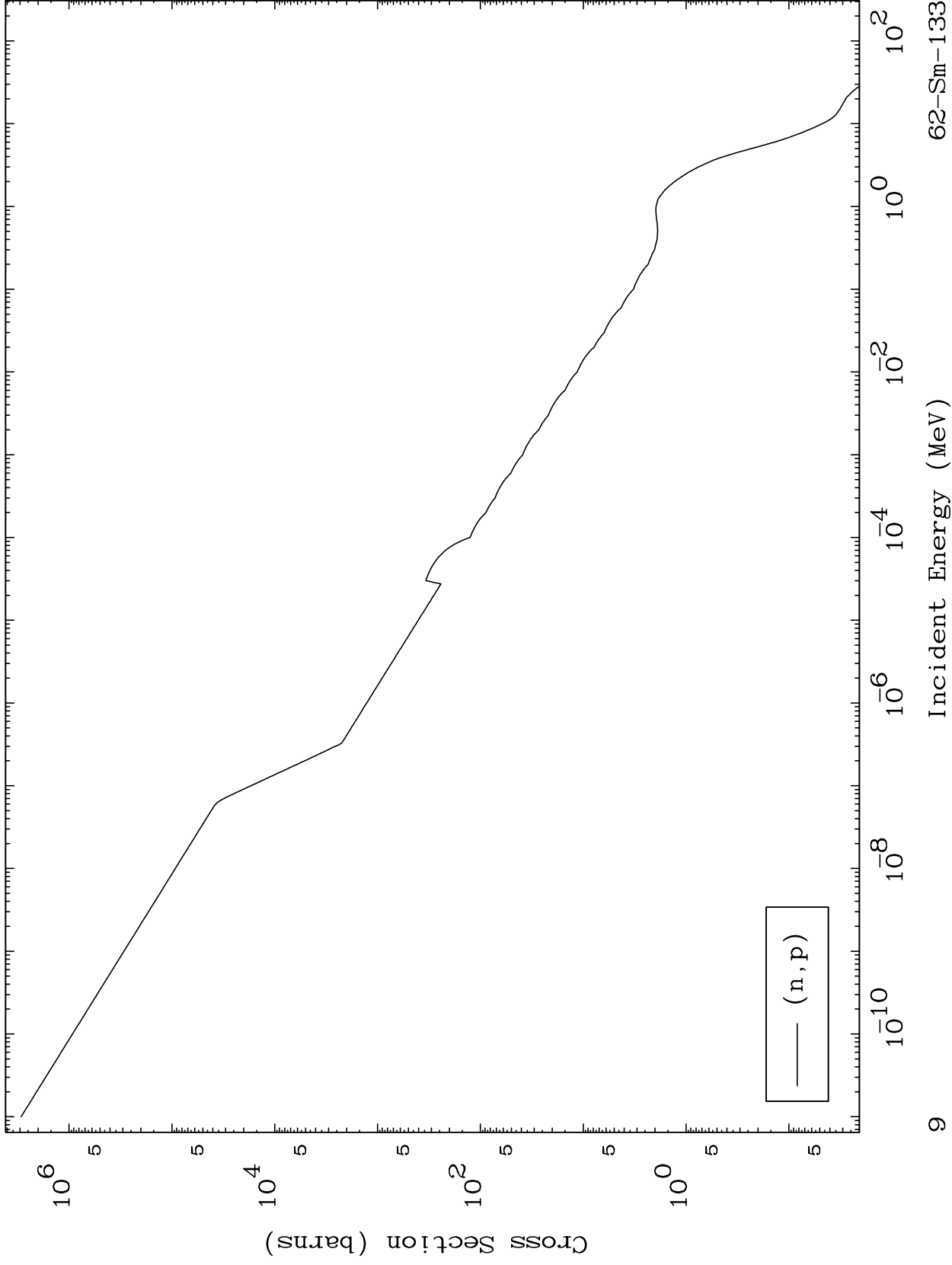
62-Sm-133



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(n,p) Levels
293 Kelvin Cross Sections

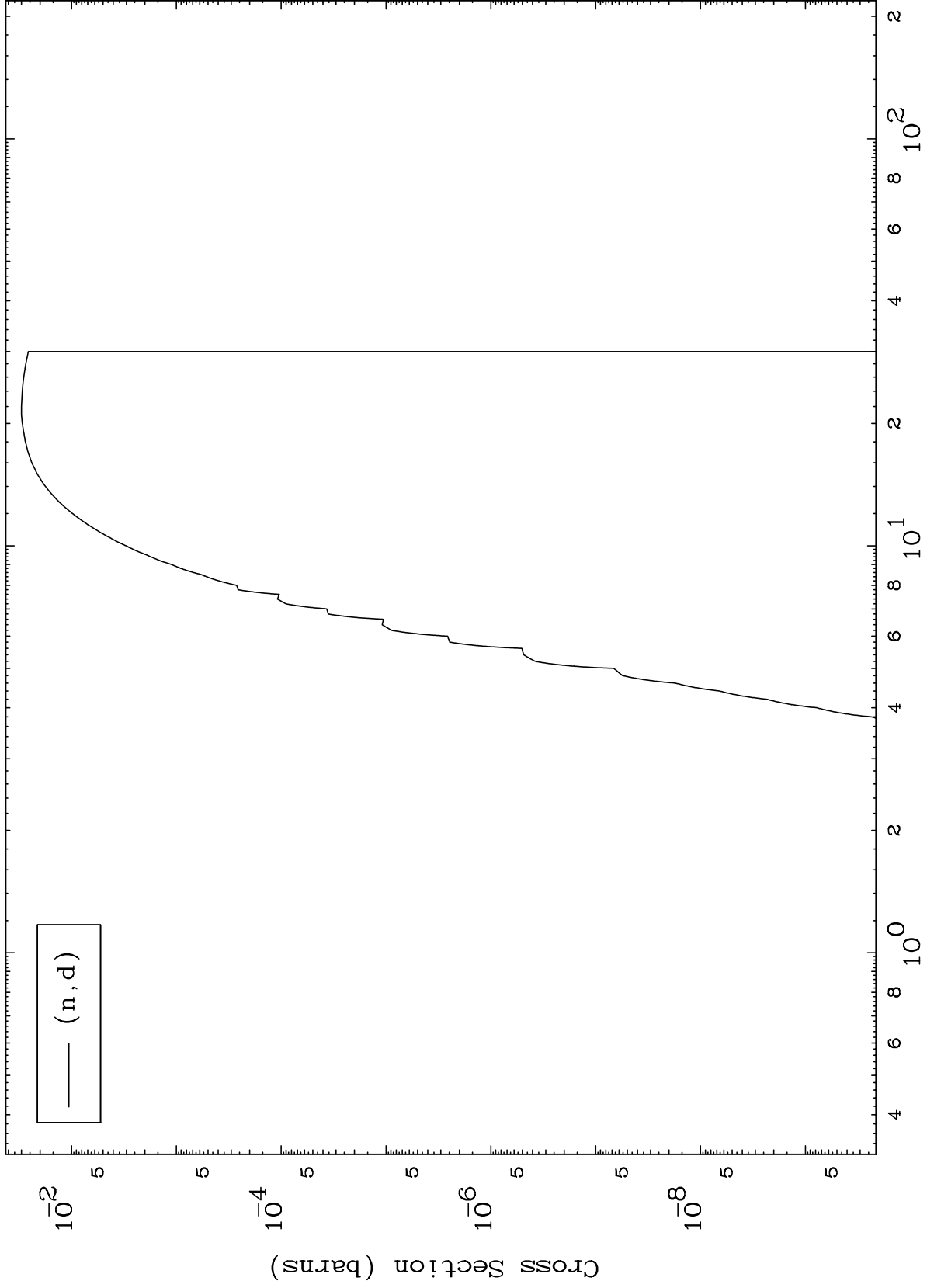
62-Sm-133



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(n,d) Levels
293 Kelvin Cross Sections

62-Sm-133



10

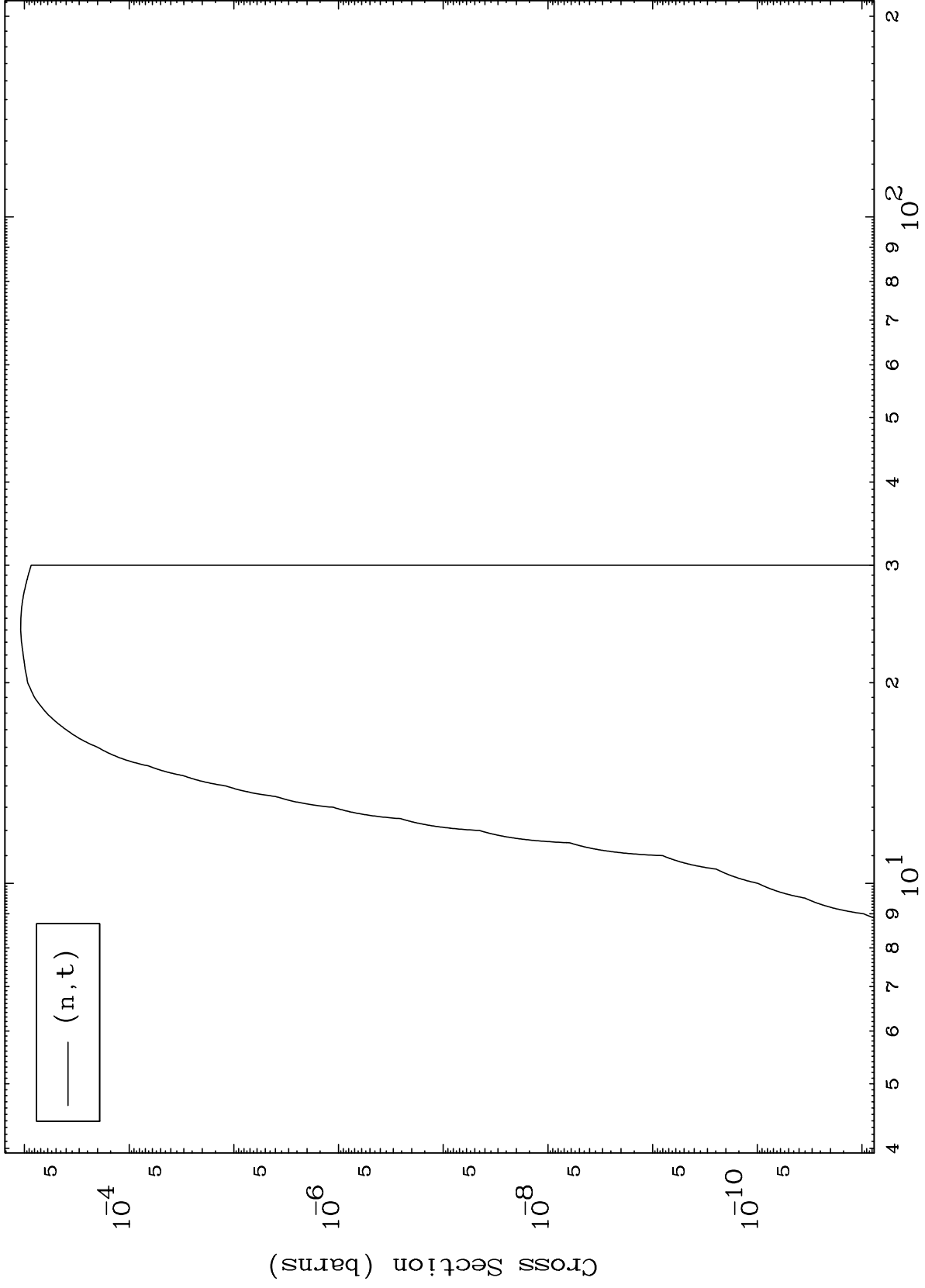
Incident Energy (MeV)

62-Sm-133

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(n,t) Levels
293 Kelvin Cross Sections

62-Sm-133



11

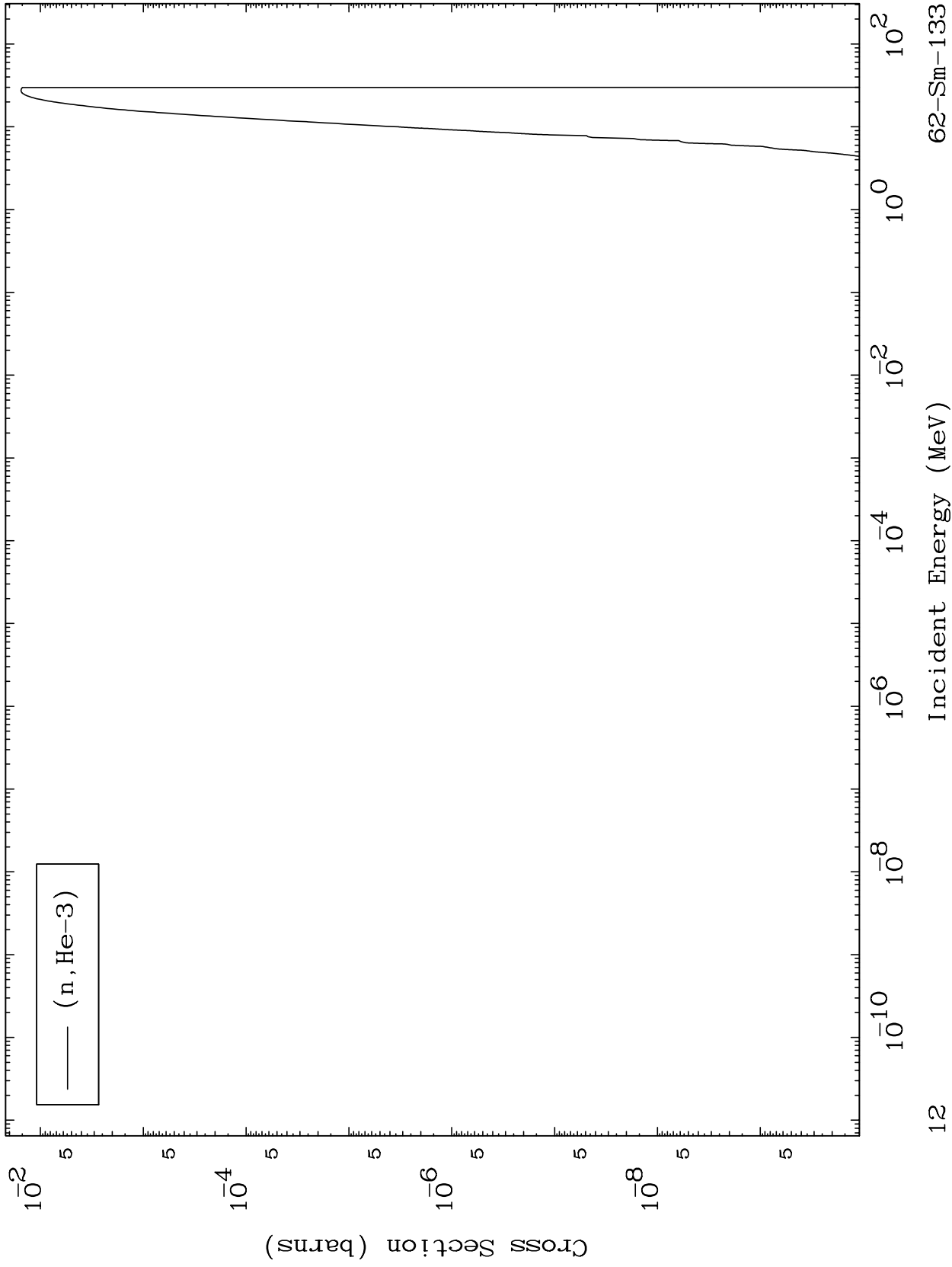
Incident Energy (MeV)

62-Sm-133

MAT 6193

(n,He3) Levels
293 Kelvin Cross Sections

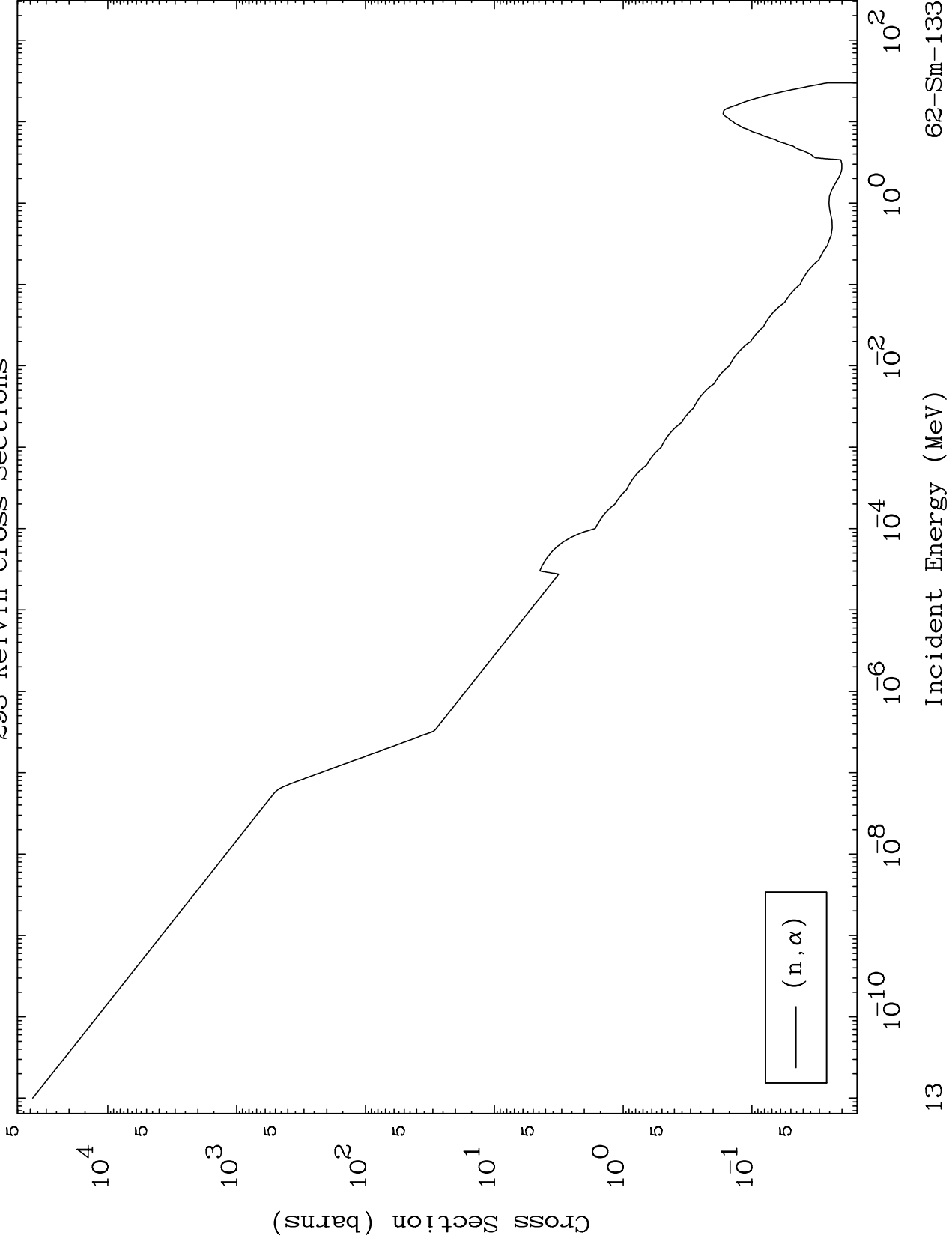
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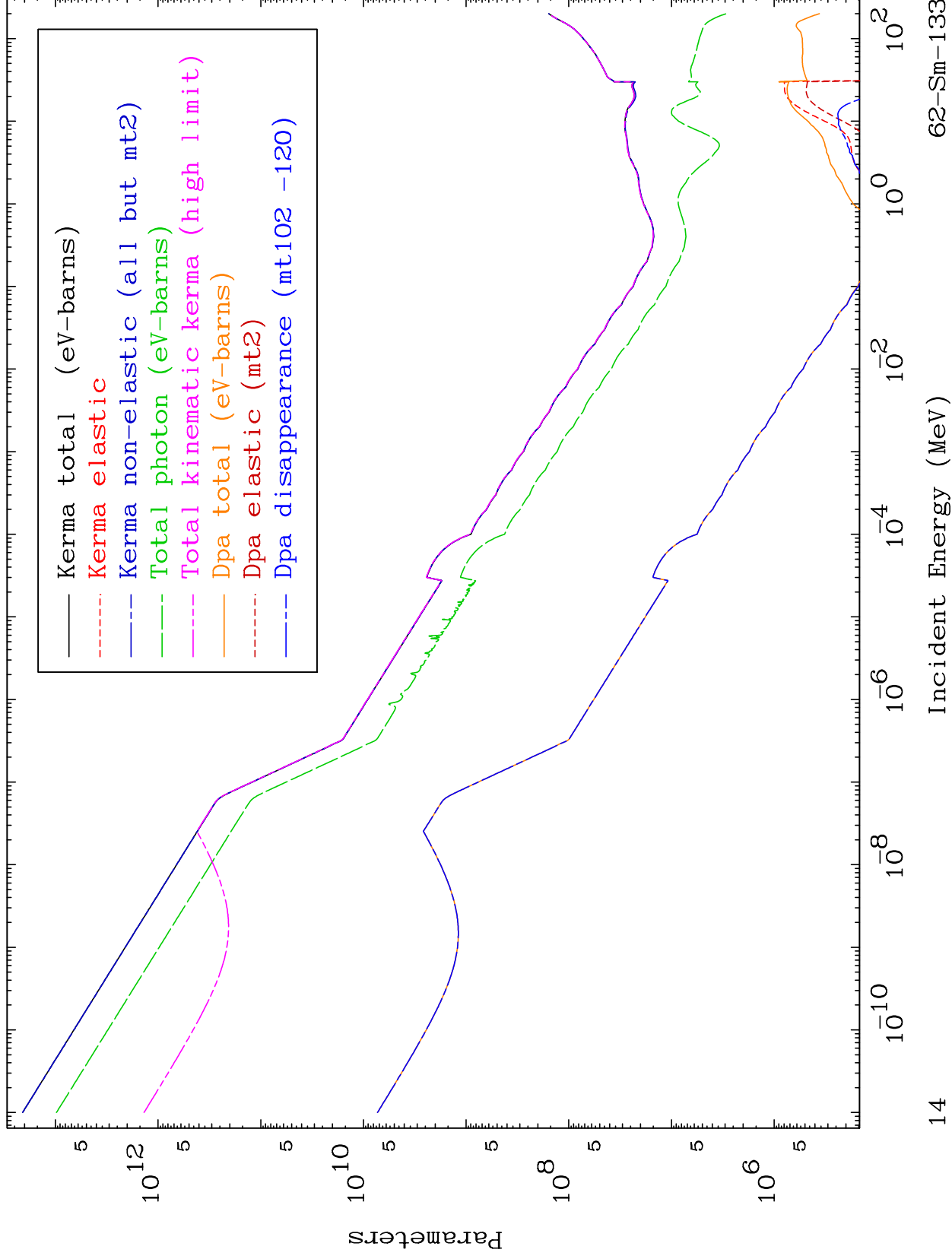


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(n,α) Levels
293 Kelvin Cross Sections

62-Sm-133

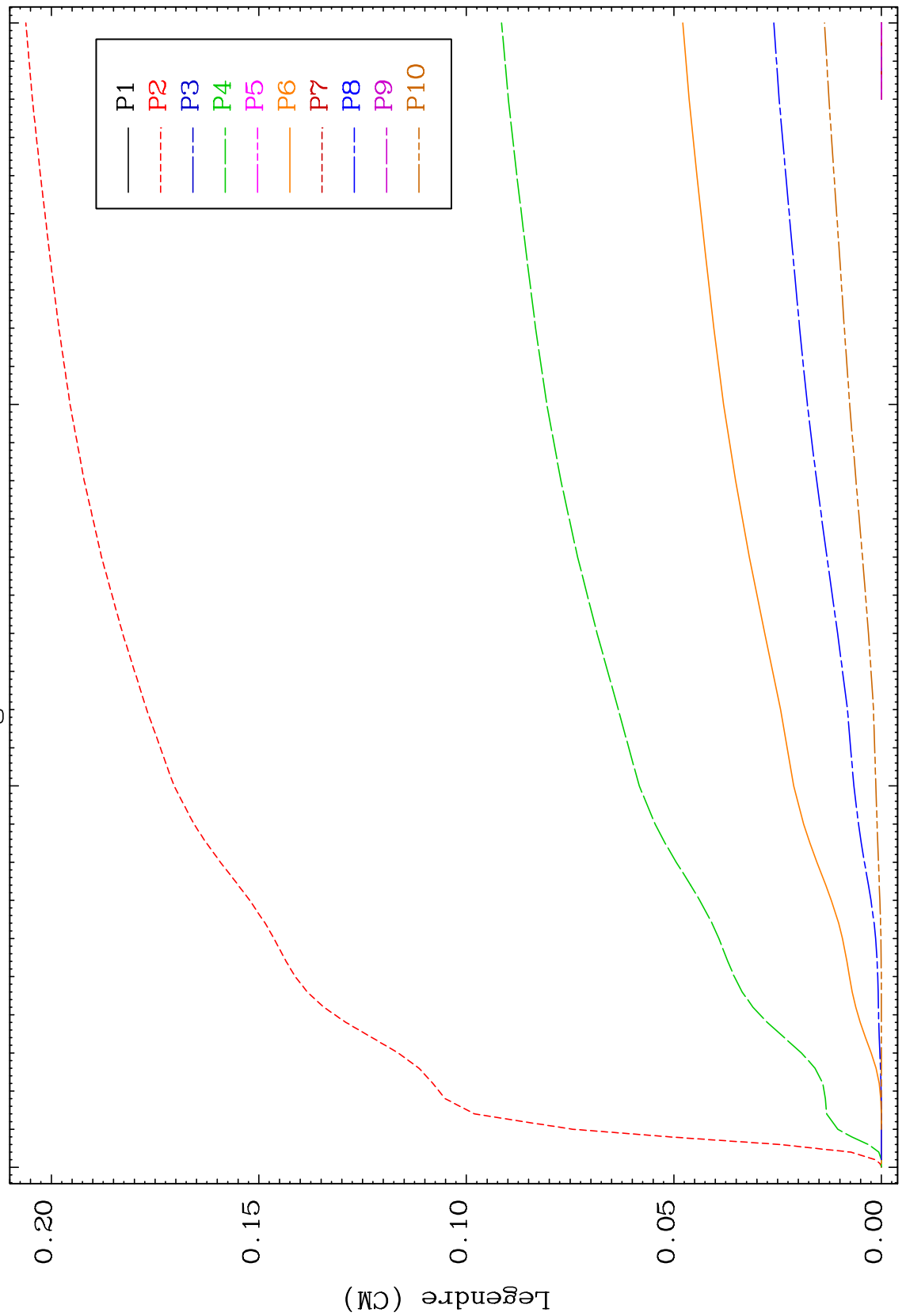




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Elastic Legendre Coefficients

62-Sm-133



62-Sm-133

Incident Energy (MeV)

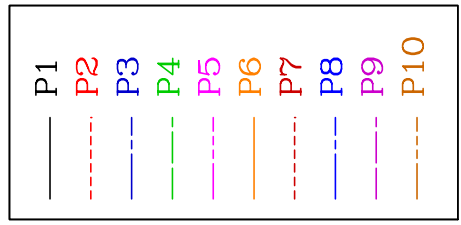
15

30

20

10

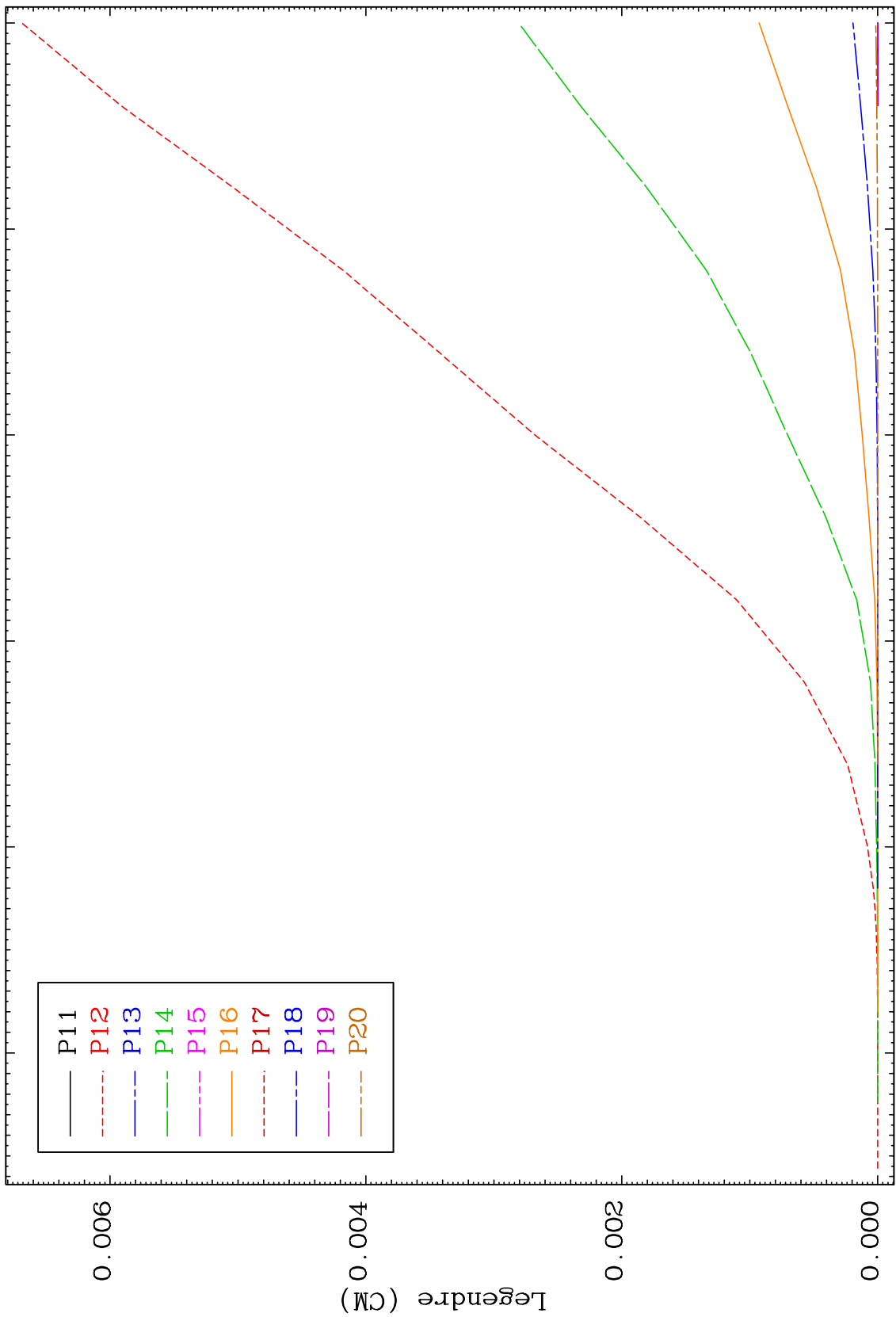
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Elastic Legendre Coefficients

62-Sm-133



16

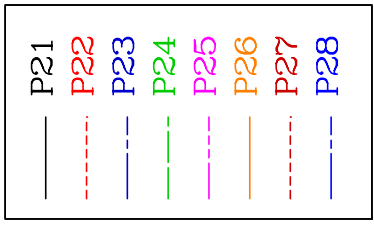
62-Sm-133

Incident Energy (MeV)

MAT 6193

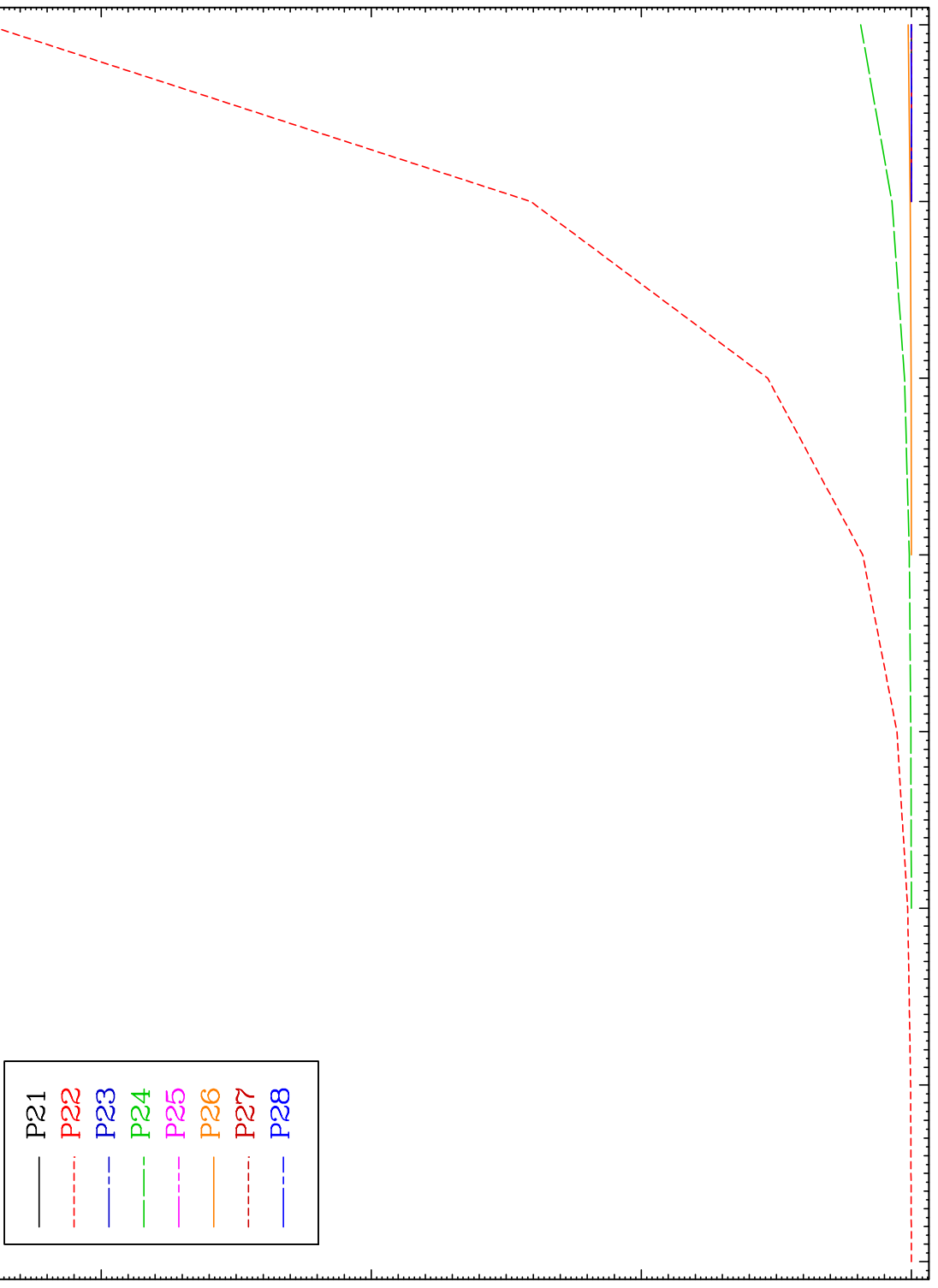
Elastic Legendre Coefficients

62-Sm-133



$\times 10^{-7}$

Legendre (CM)



17

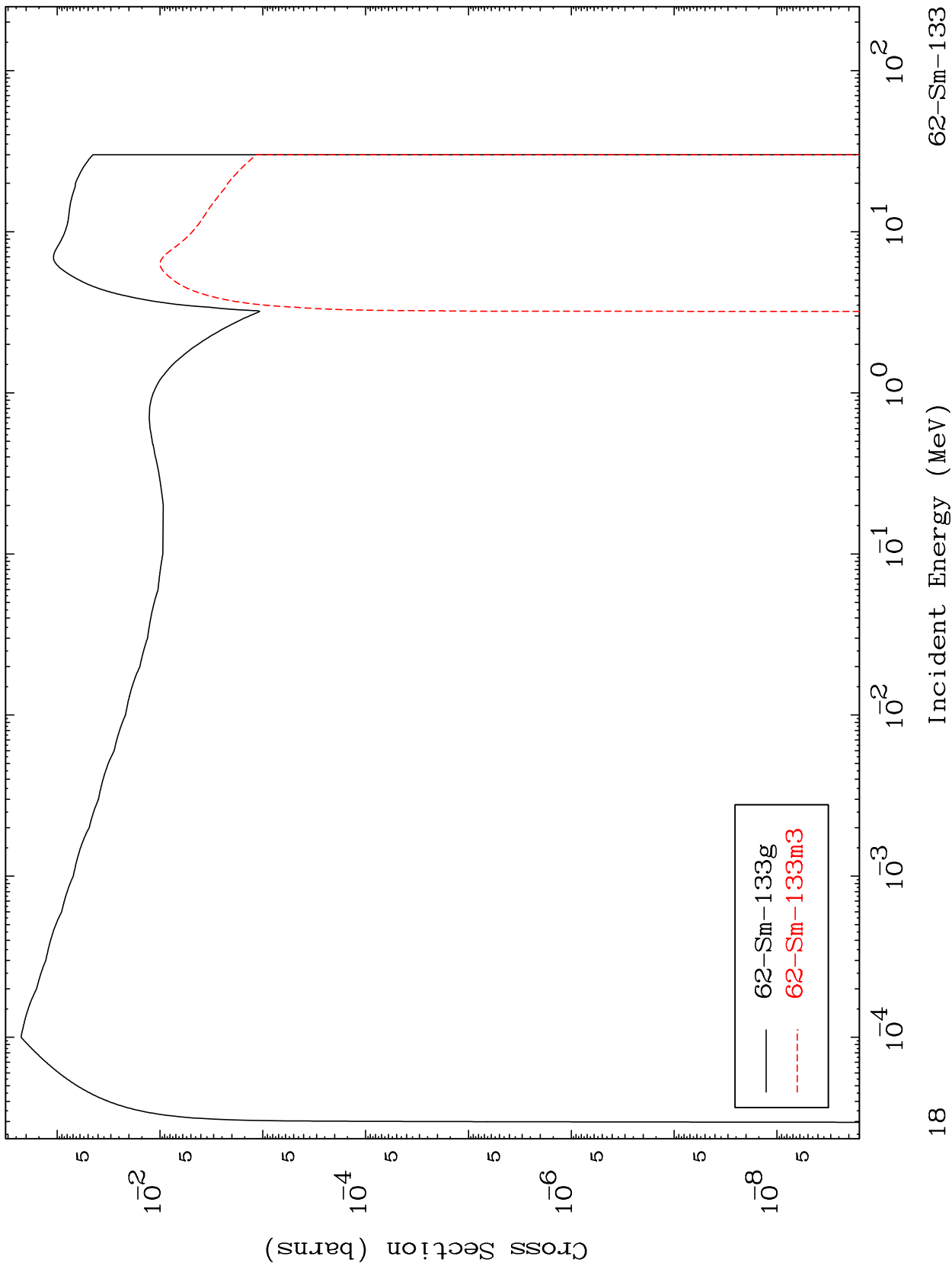
Incident Energy (MeV)

62-Sm-133

MAT 6193

62-Sm-133

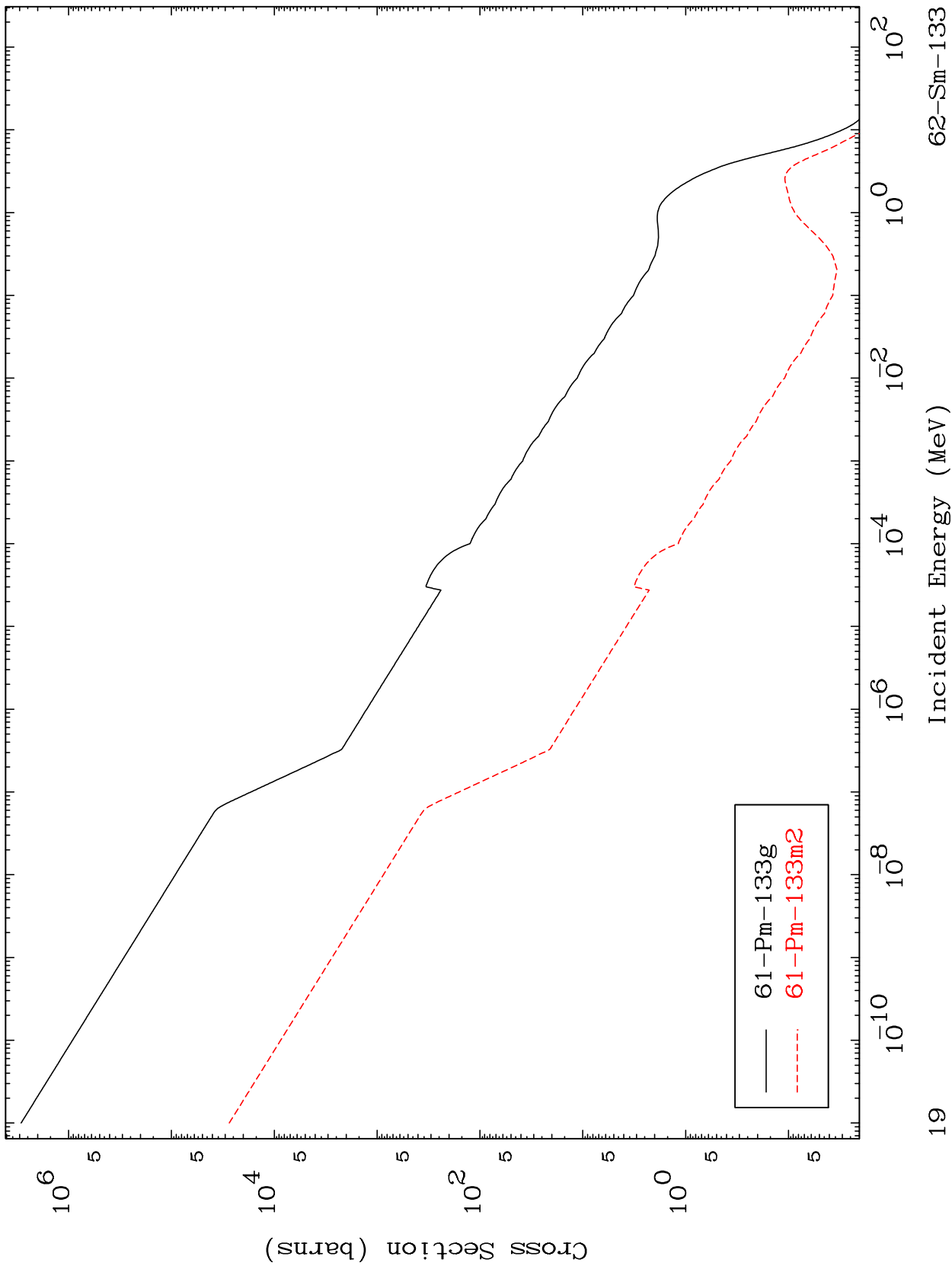
Inelastic
Radionuclide Production Cross Section



MAT 6193

62-Sm-133

(n,p)
Radionuclide Production Cross Section



MAT 6193

(n,d) 2 α

62-Sm-133

Radionuclide Production Cross Section

