

Program EVALPLOT
(Version 2015-2)

by

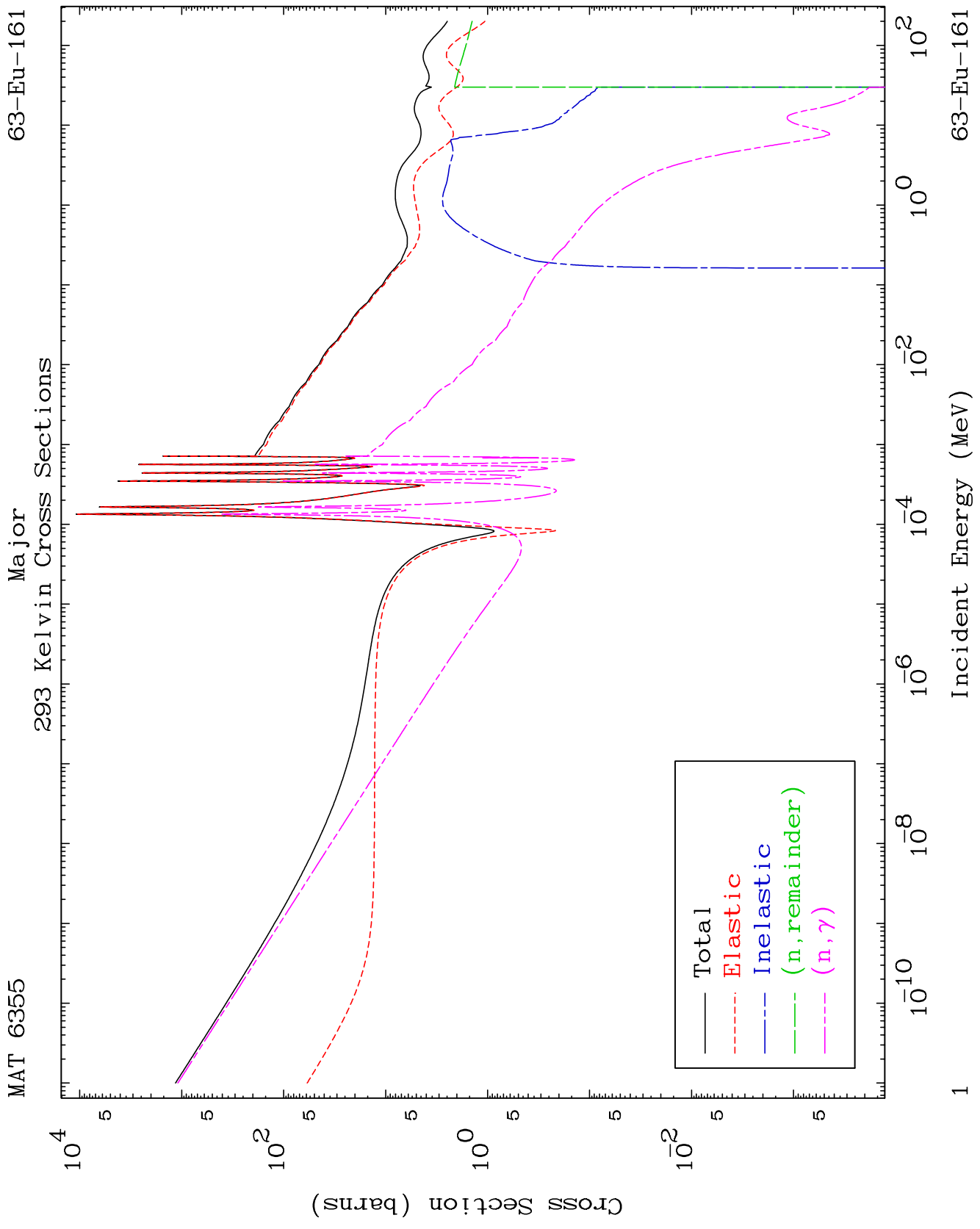
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Web:home.comcast.net/~redcullen1

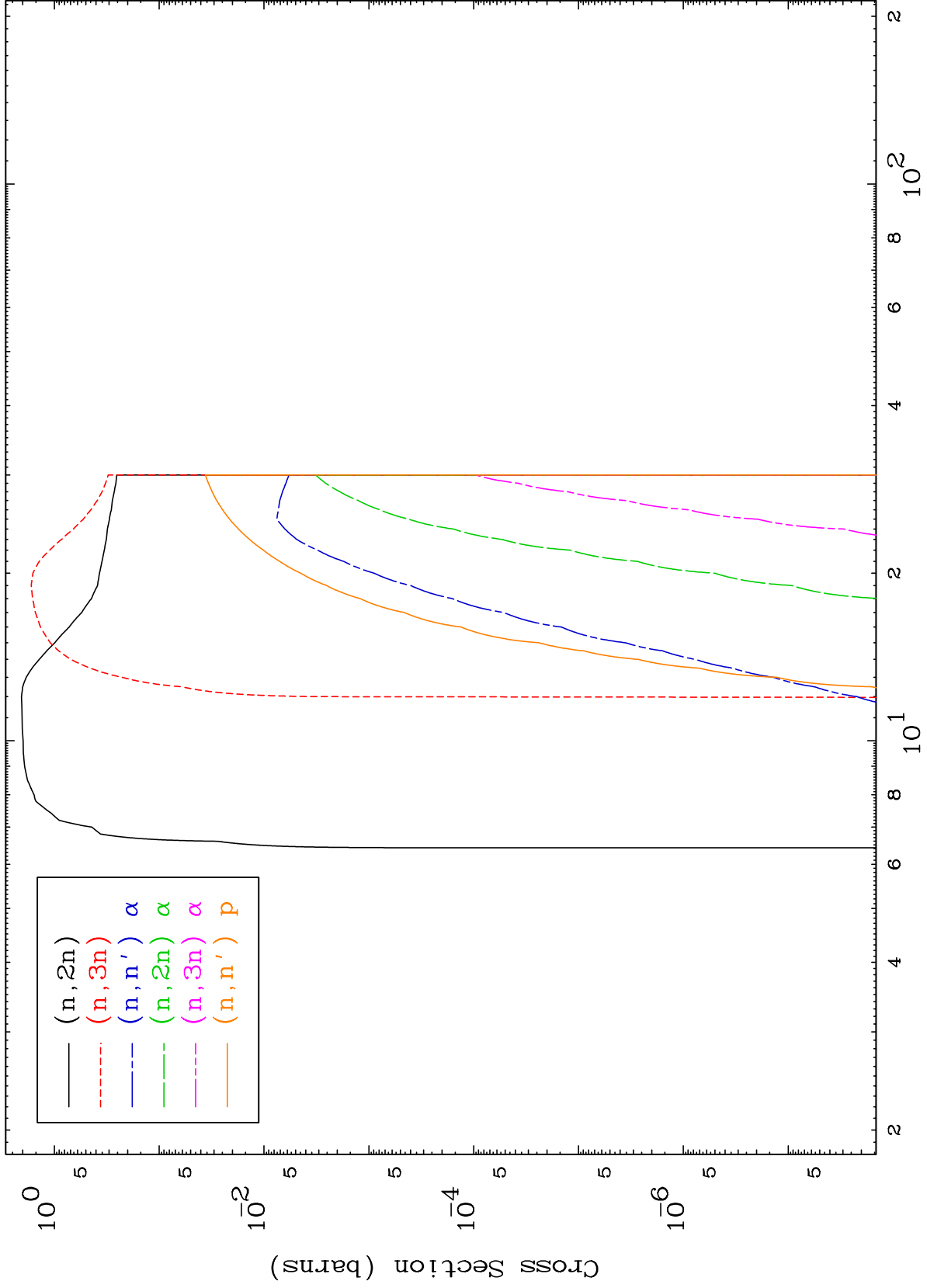
Press Mouse Button to Start



MAT 6355

Neutron Production
293 Kelvin Cross Sections

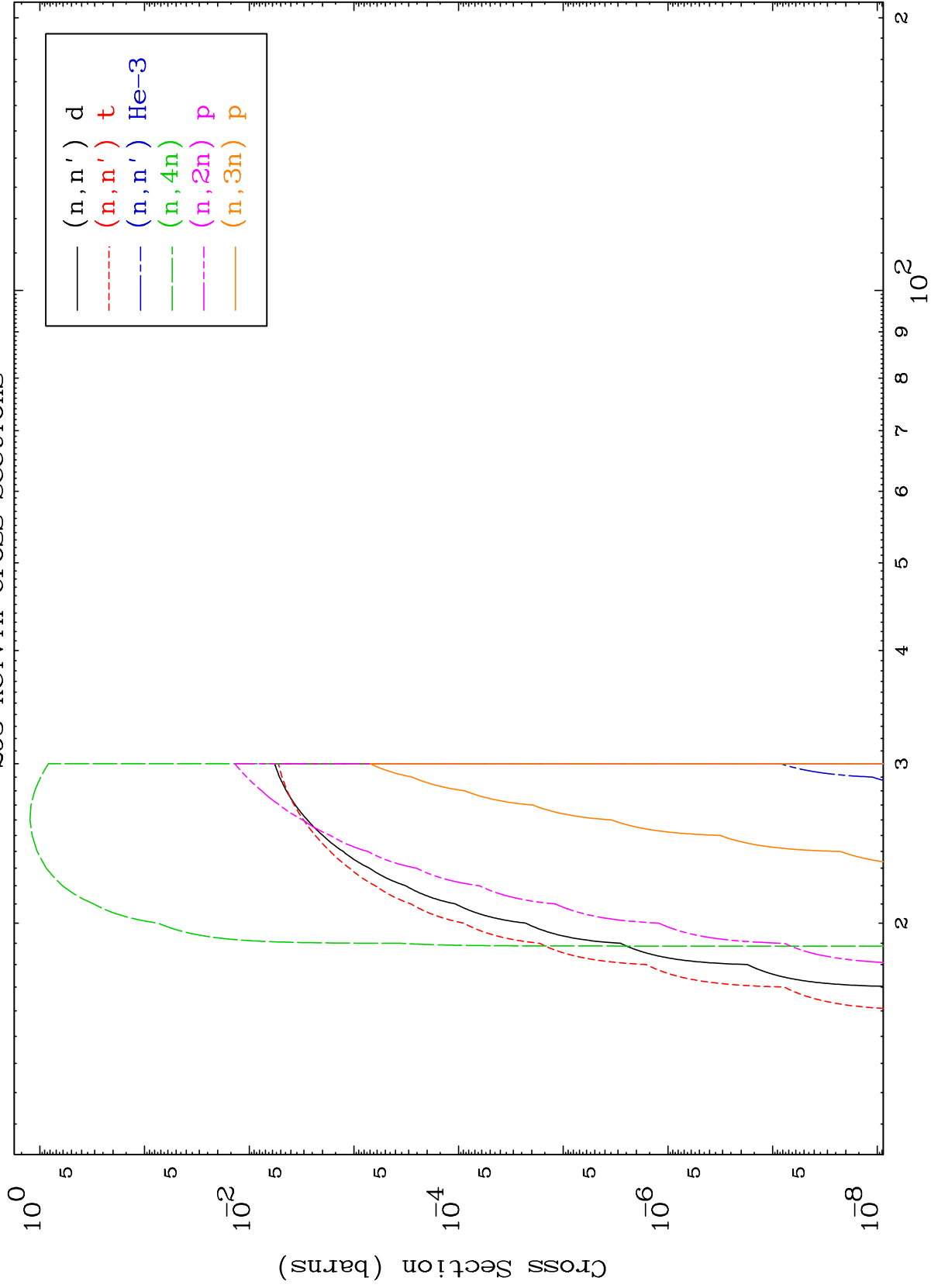
63-Eu-161



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Incident Energy (MeV)

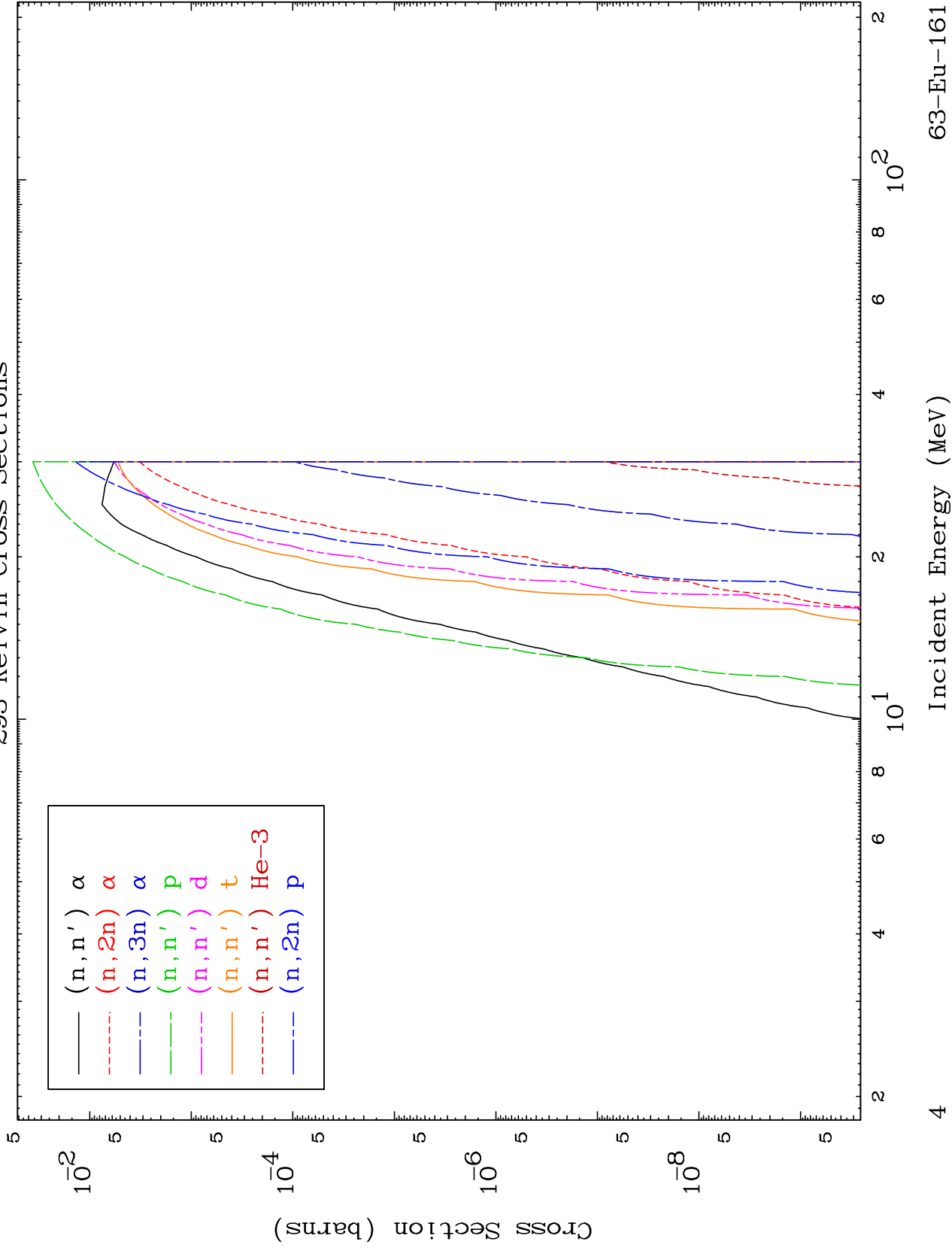
63-Eu-161



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Charged Particle
293 Kelvin Cross Sections

63-Eu-161



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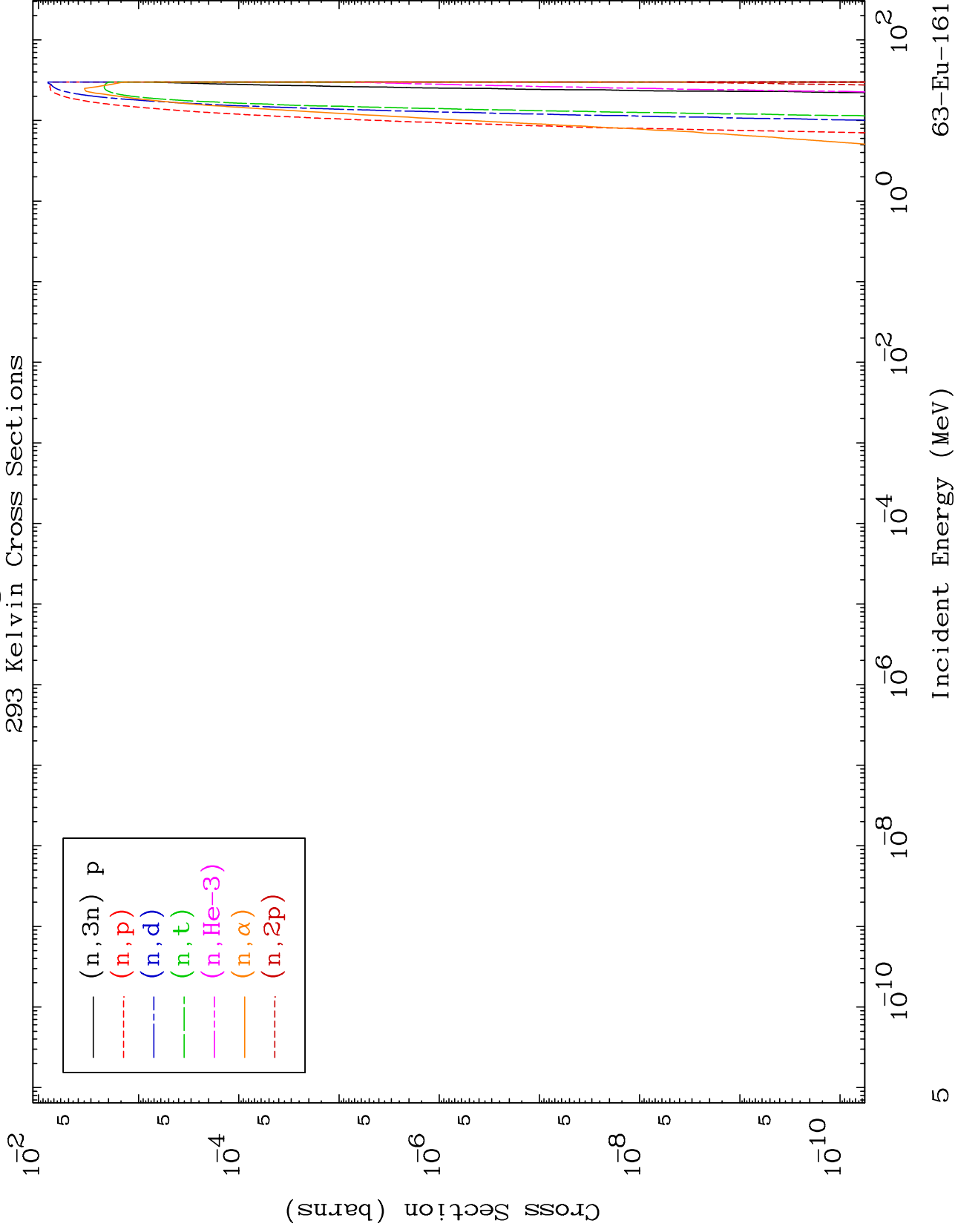
Incident Energy (MeV)

63-Eu-161

MAT 6355

Charged Particle
293 Kelvin Cross Sections

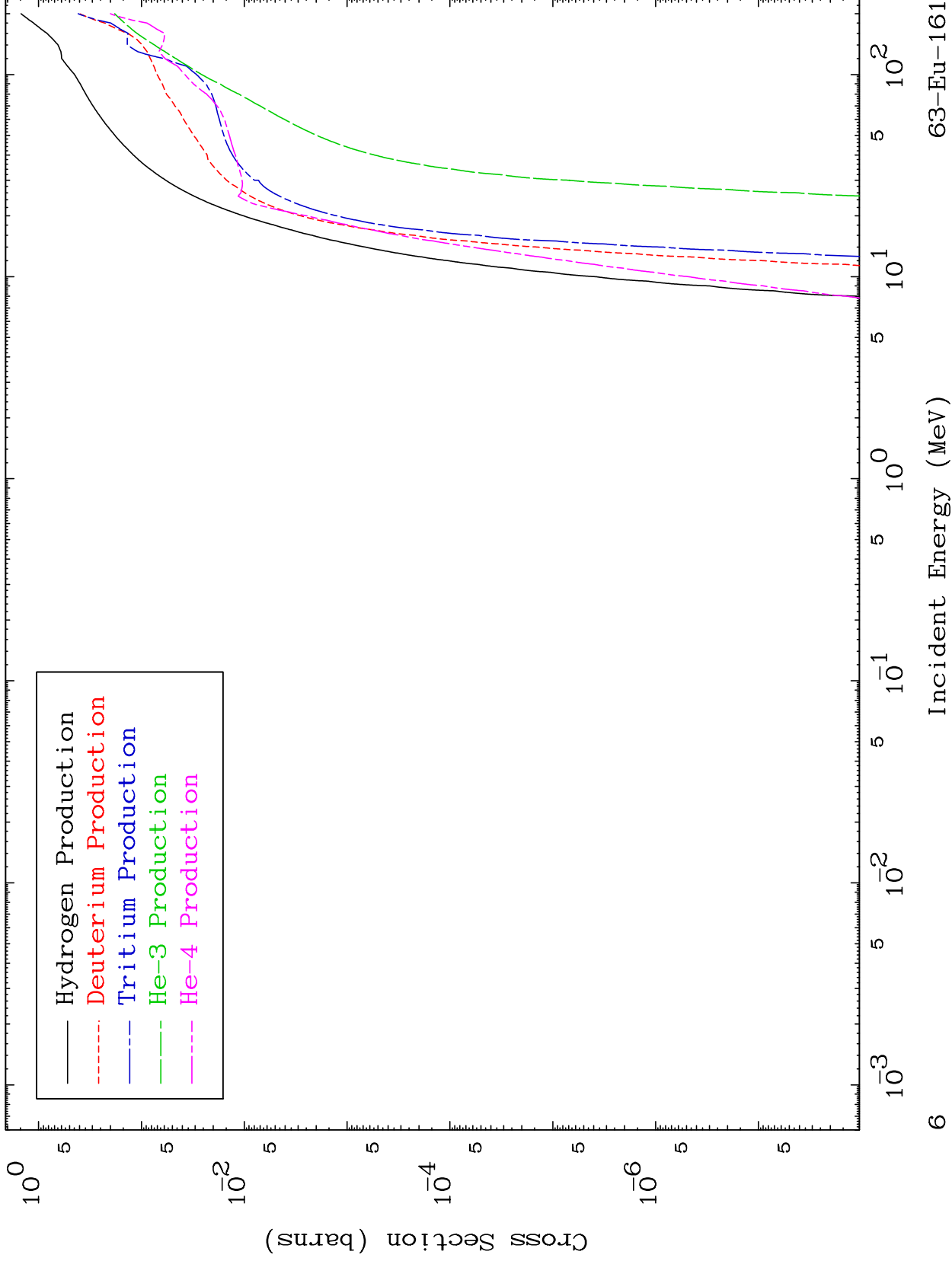
63-Eu-161



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Particle Production
293 Kelvin Cross Sections

63-Eu-161

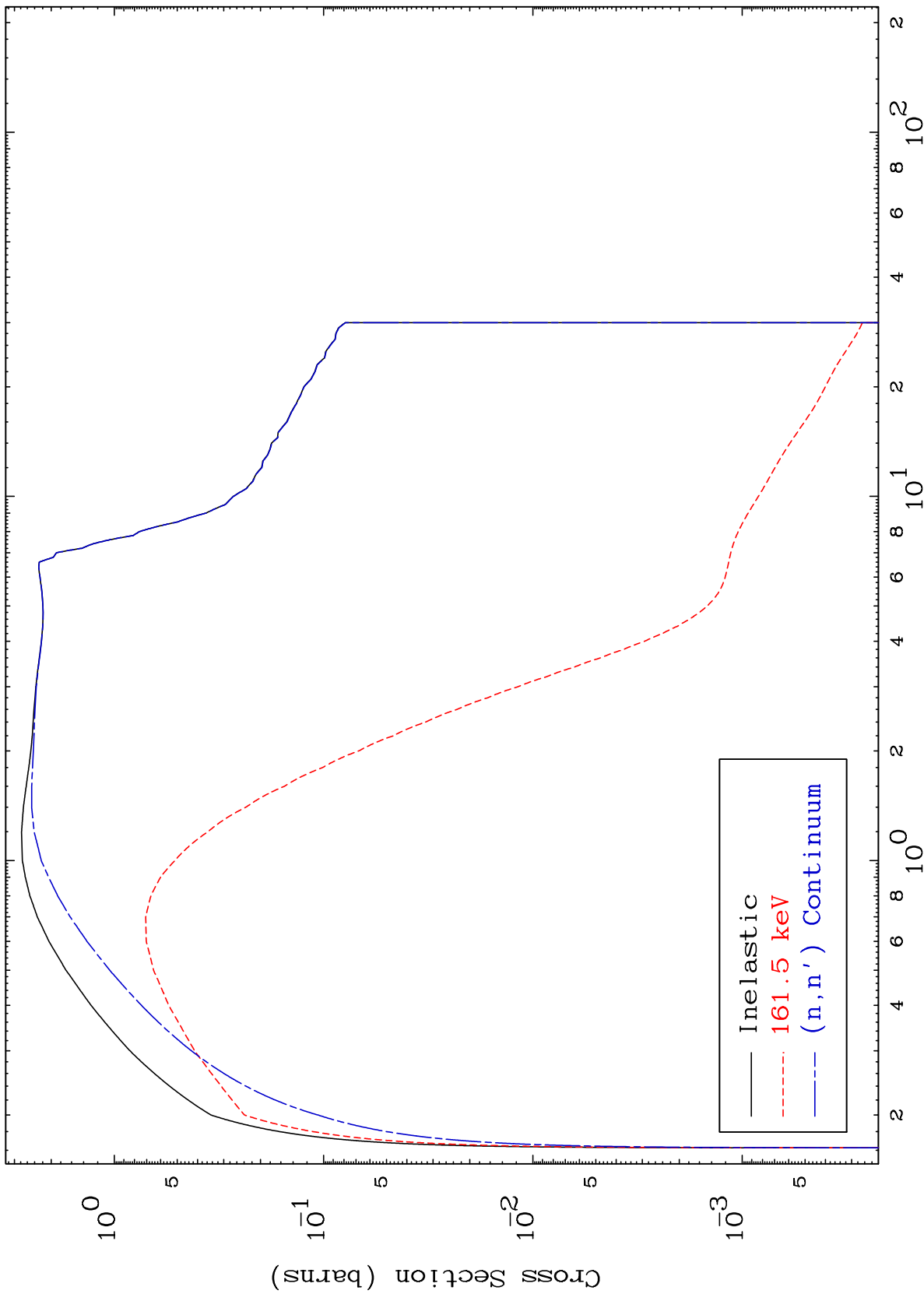


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MAT 63555

63-Eu-161

(n,n') Level
293 Kelvin Cross Sections



63-Eu-161

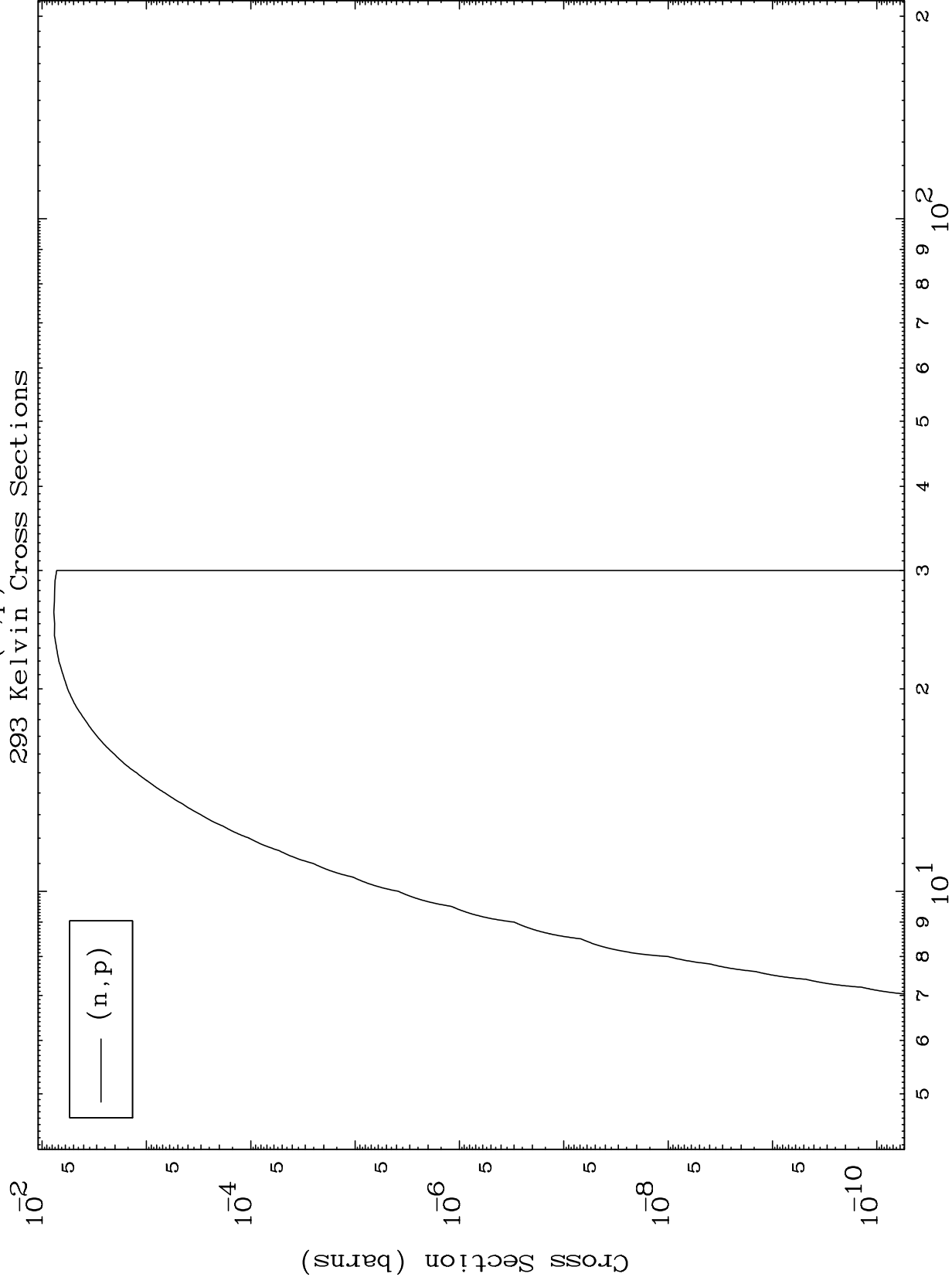
Incident Energy (MeV)

7

MAT 6355

(n,p) Levels
293 Kelvin Cross Sections

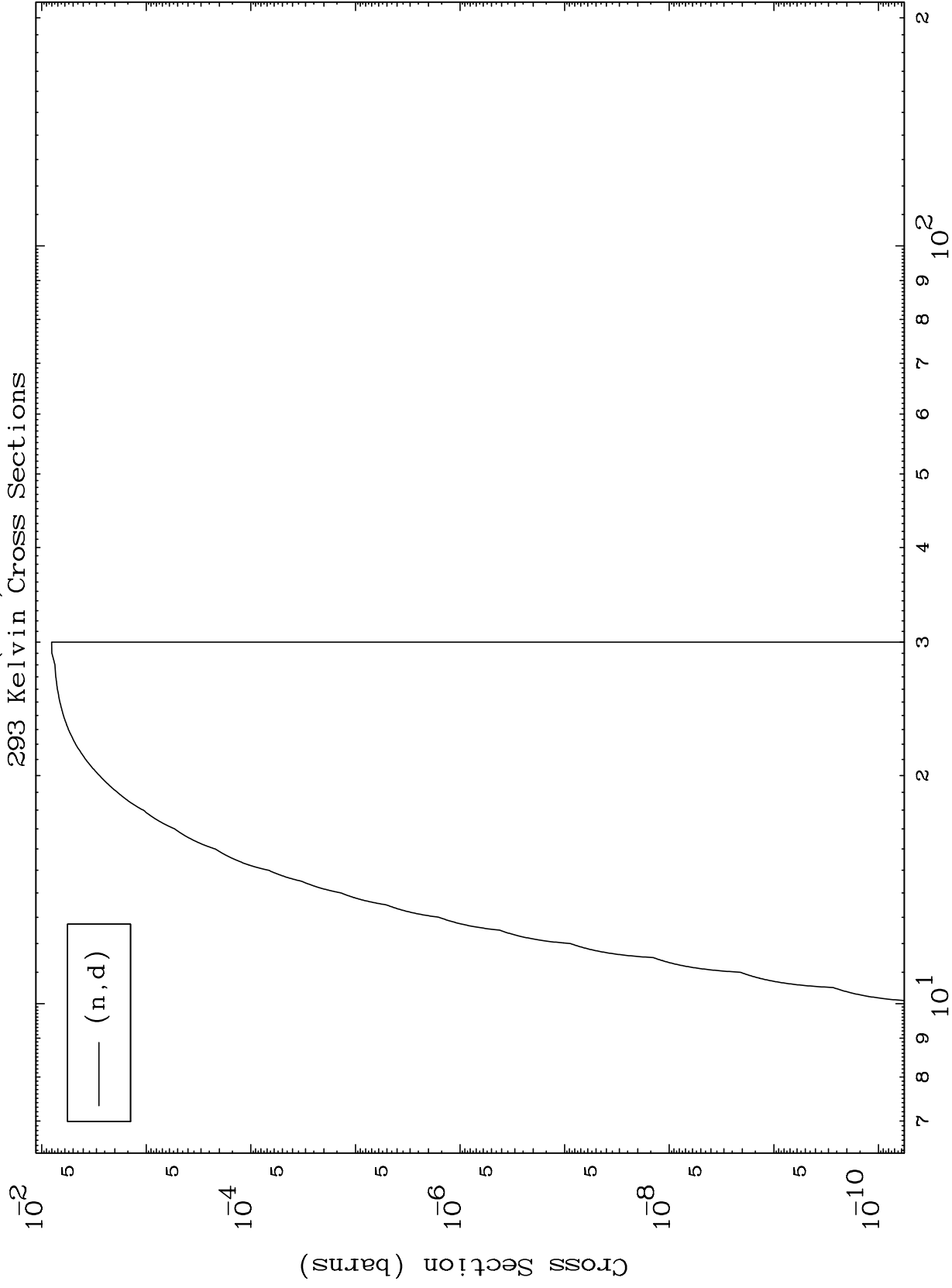
63-Eu-161



MAT 6355

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-161



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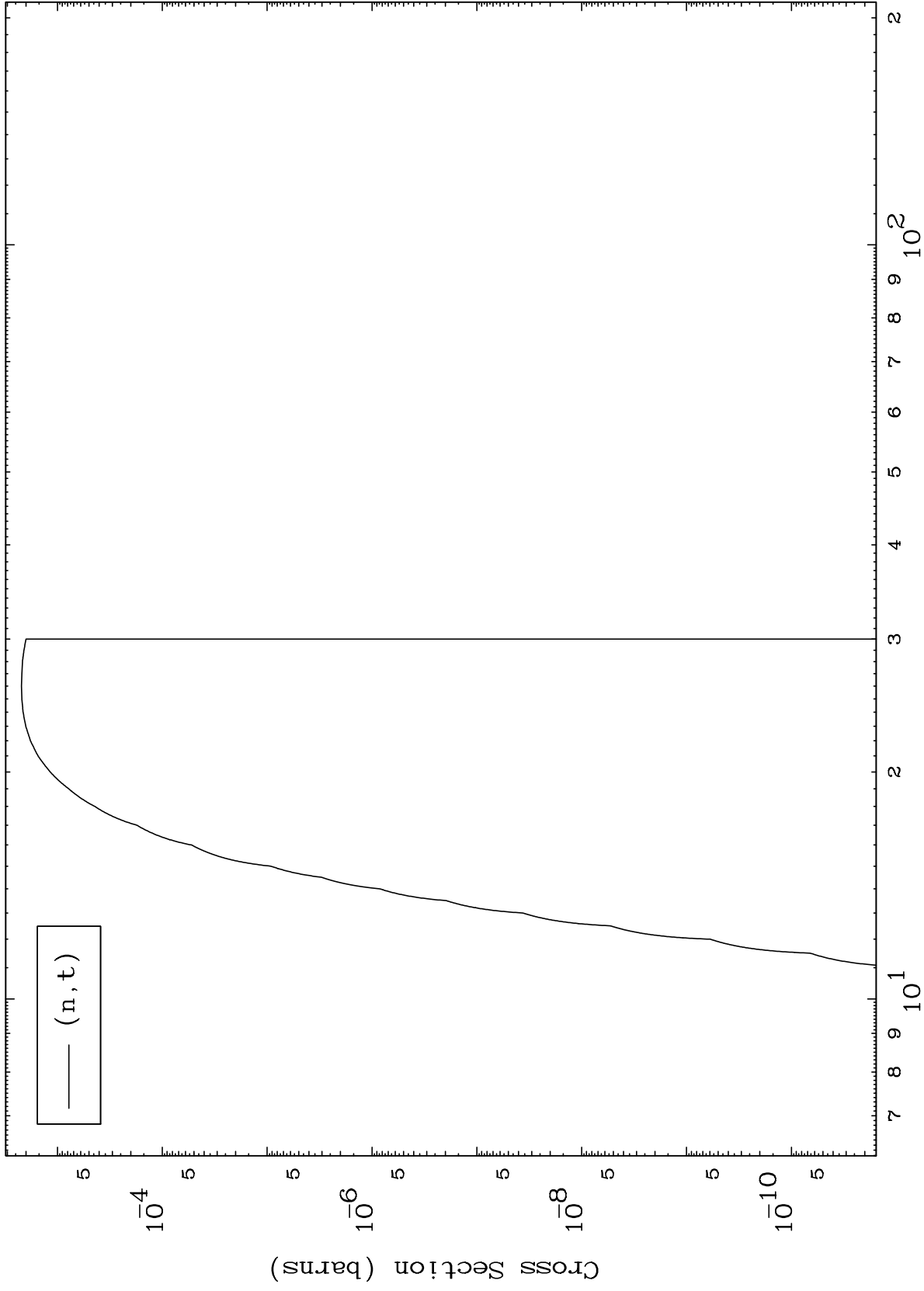
Incident Energy (MeV)

63-Eu-161

MAT 6355

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-161



10

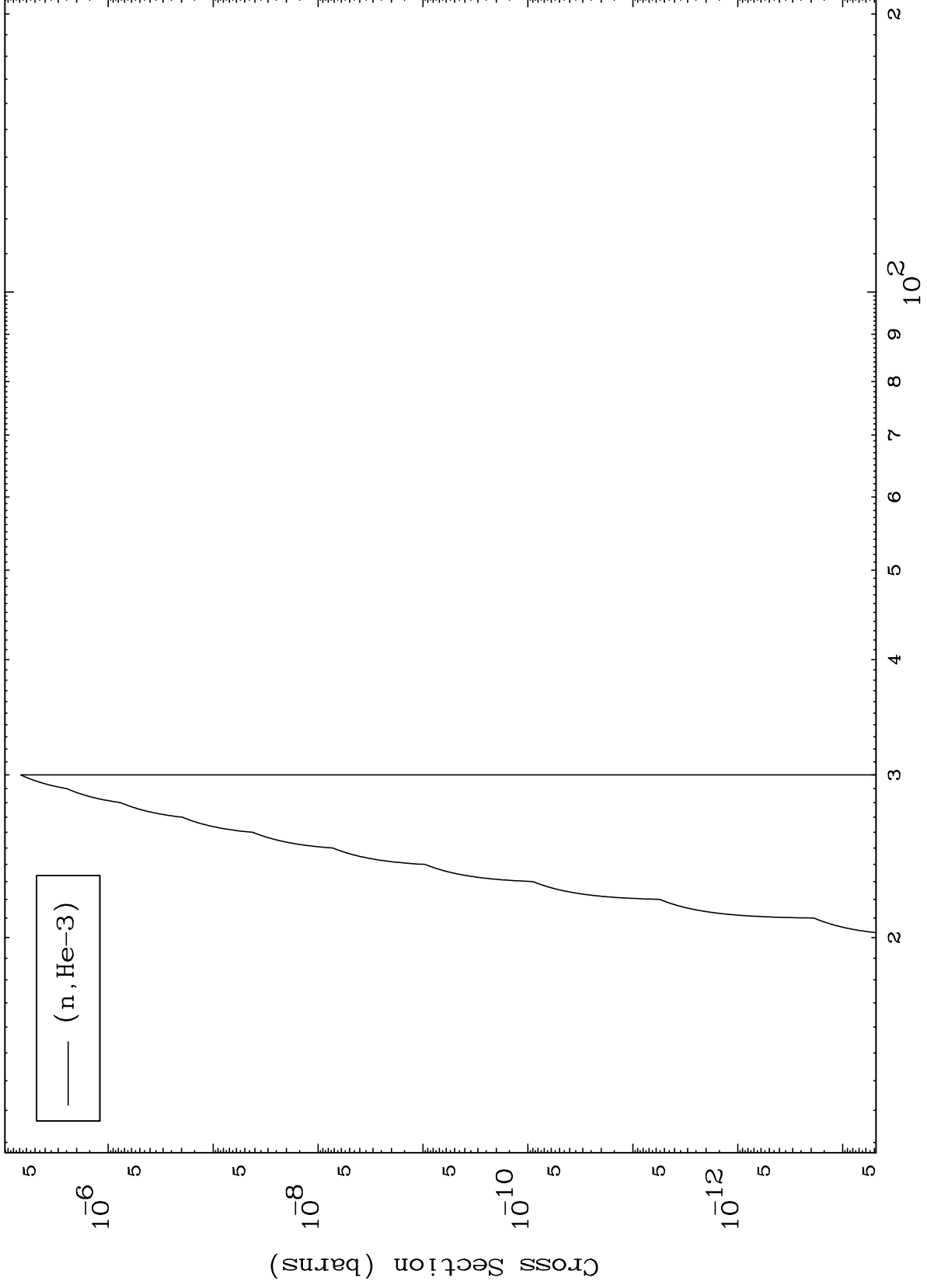
Incident Energy (MeV)

63-Eu-161

MAT 6355

(n,He3) Levels
293 Kelvin Cross Sections

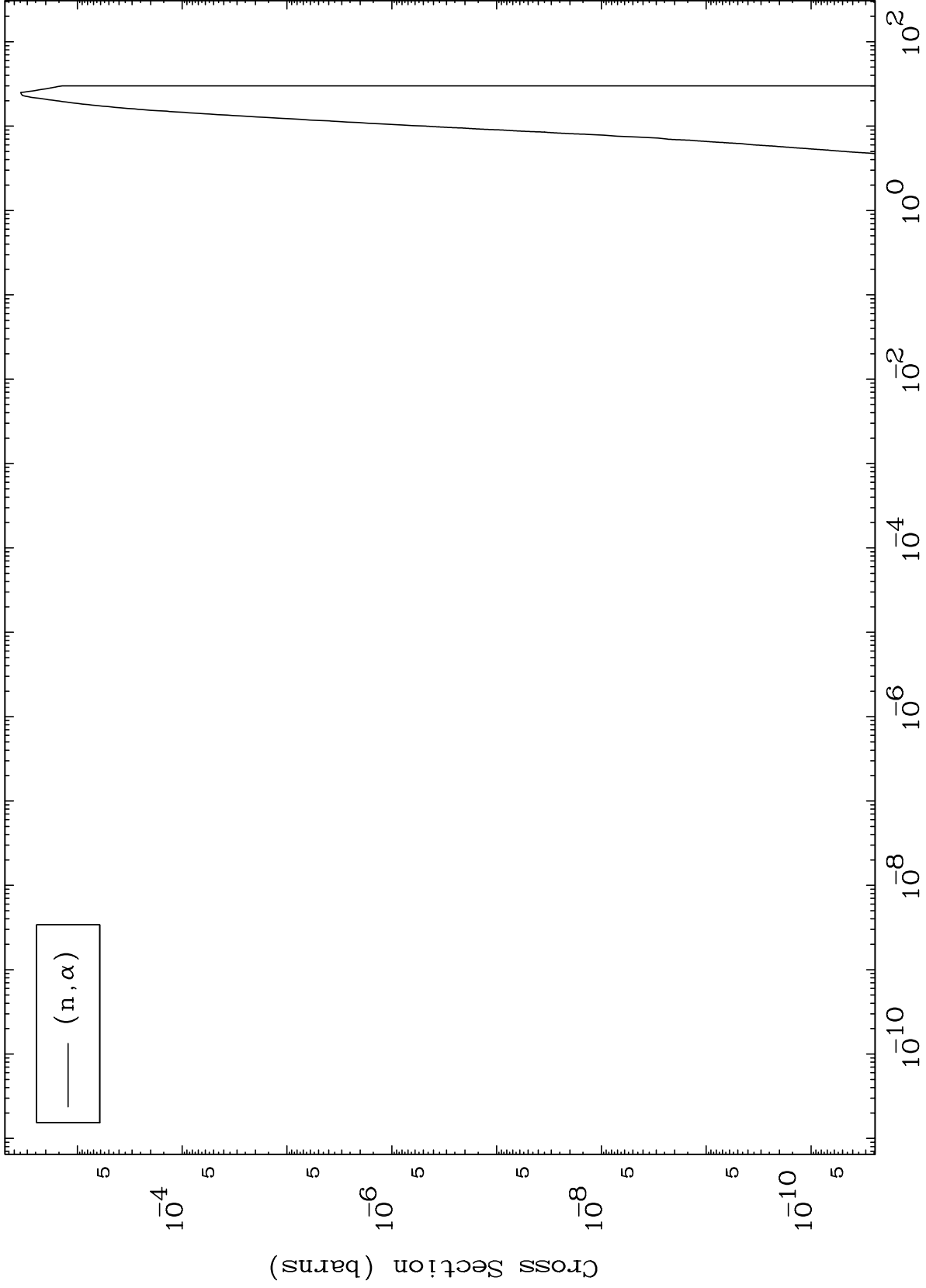
63-Eu-161



MAT 6355

(n, α) Levels
293 Kelvin Cross Sections

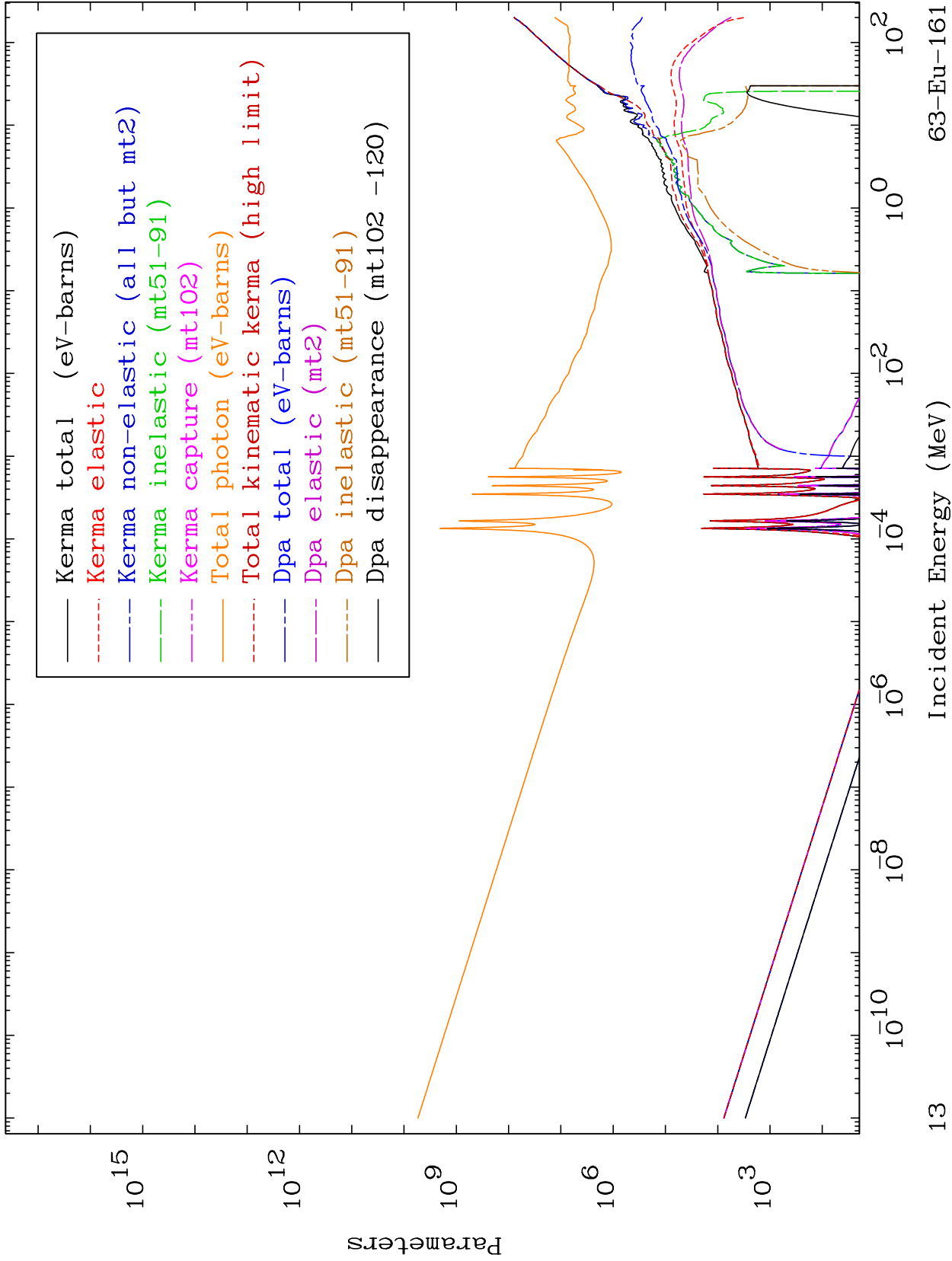
63-Eu-161



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Incident Energy (MeV)

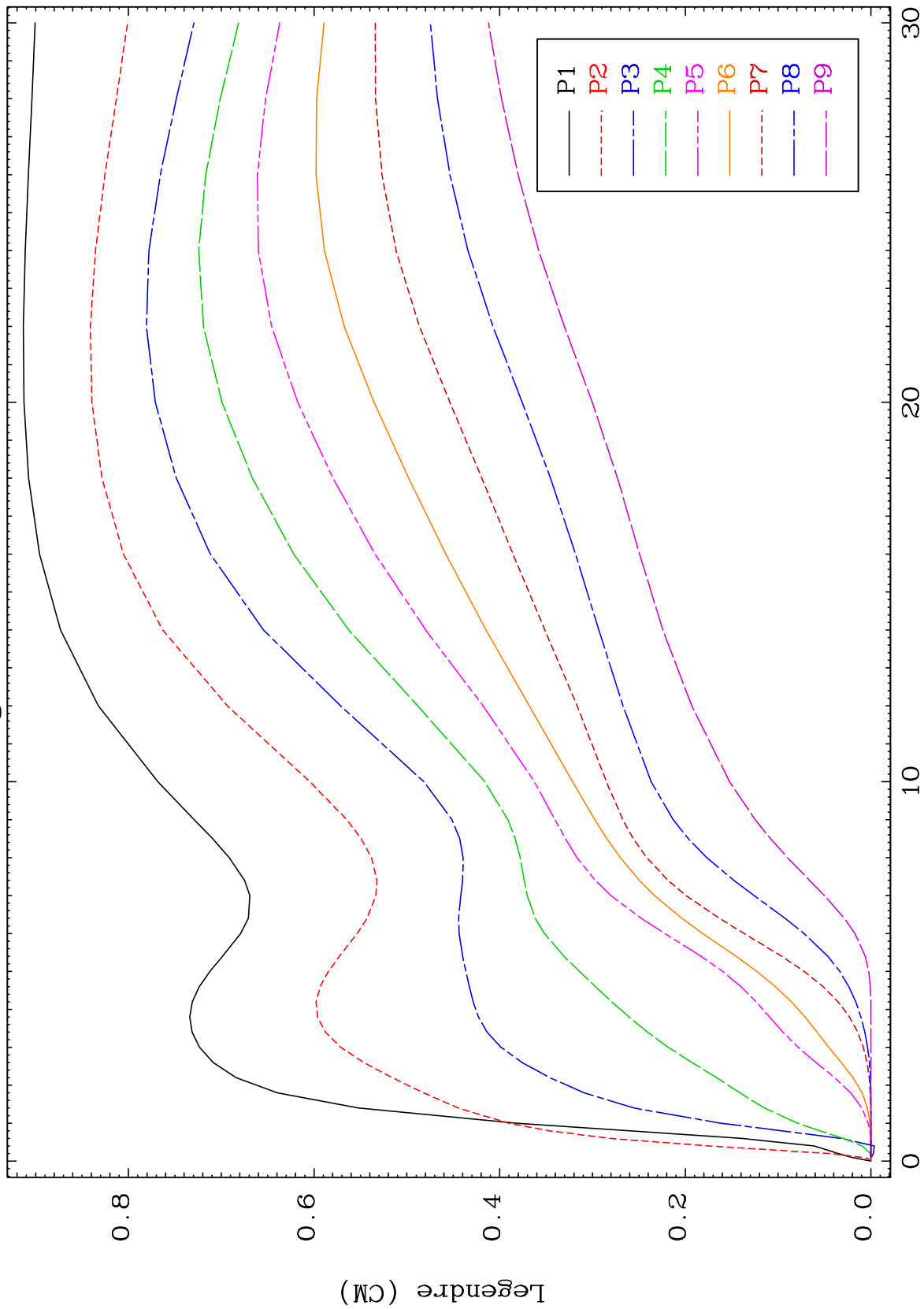
63-Eu-161



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Elastic Legendre Coefficients

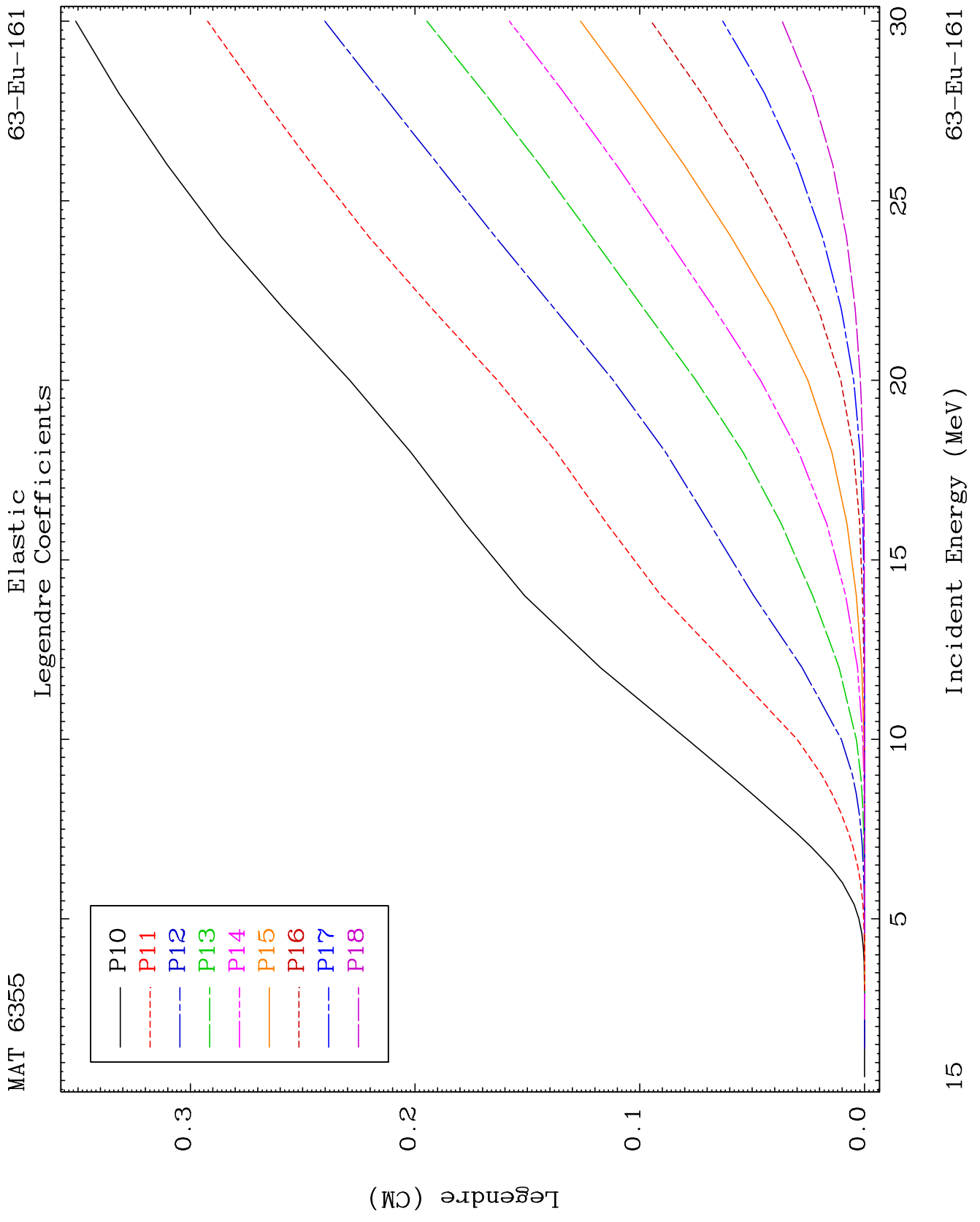
63-Eu-161



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Incident Energy (MeV)

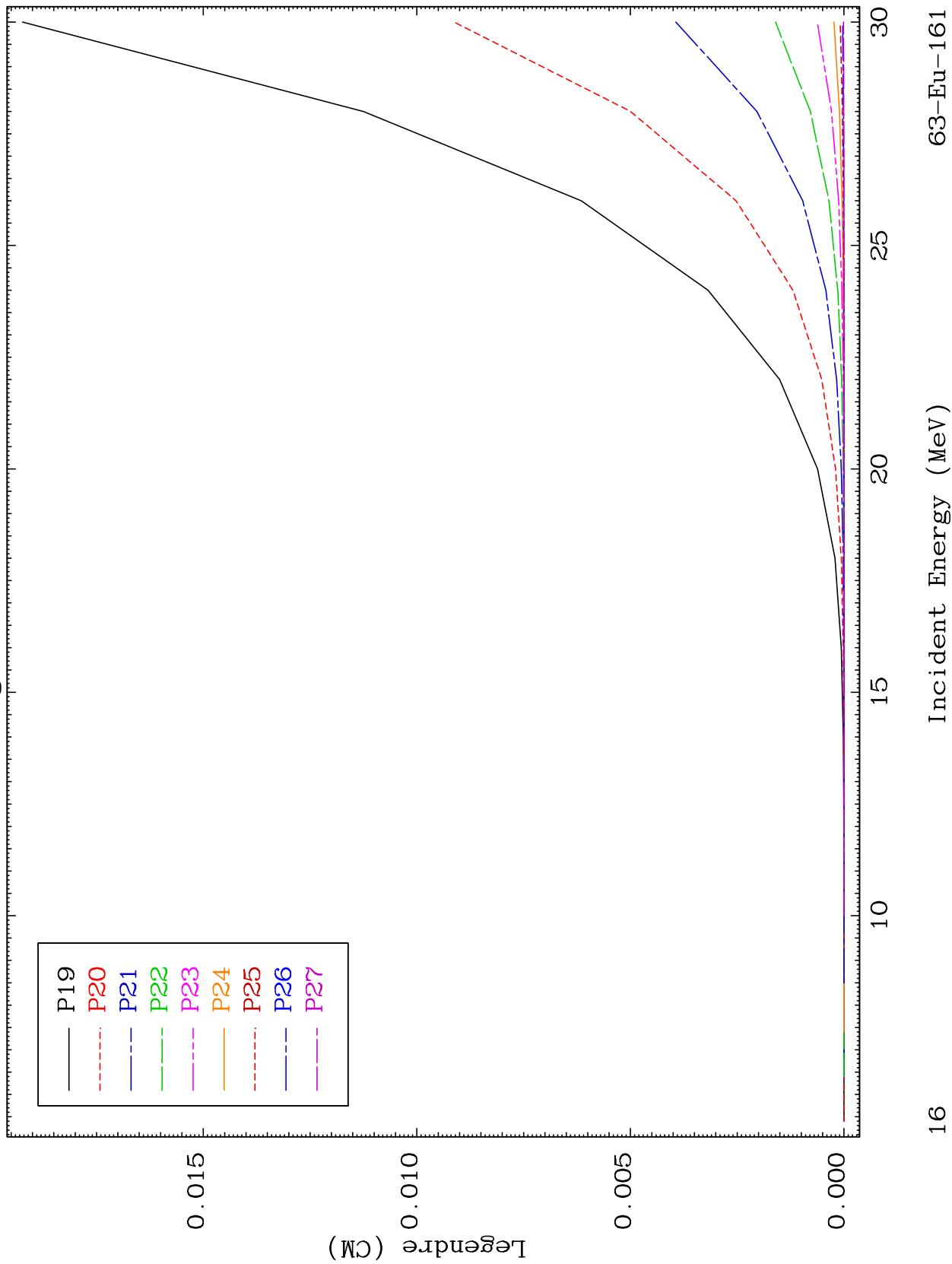
63-Eu-161



MAT 6355

Elastic Legendre Coefficients

63-Eu-161



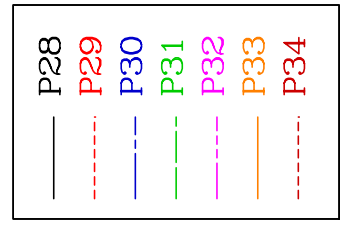
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63-Eu-161

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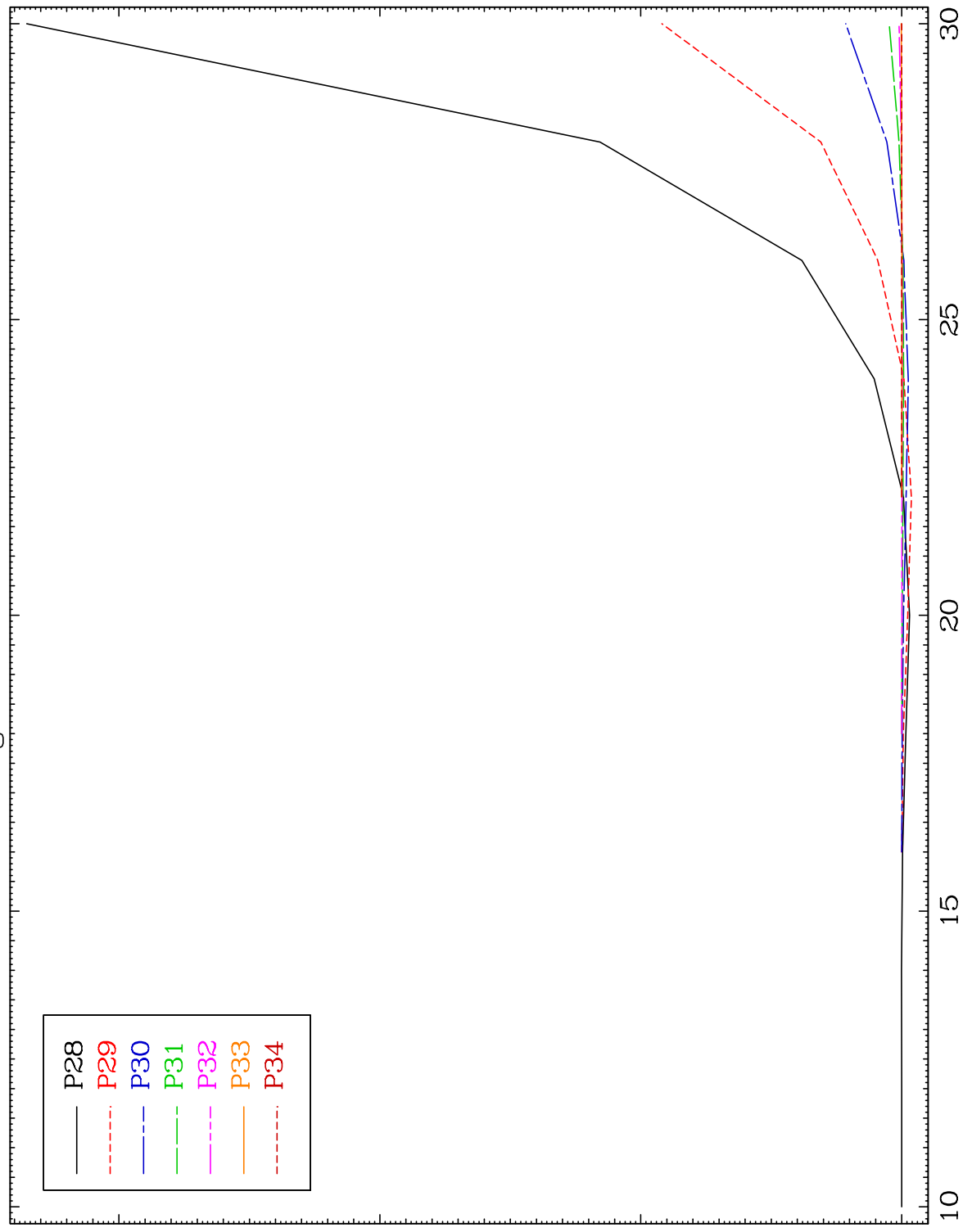
Elastic Legendre Coefficients

63-Eu-161



$\times 10^{-6}$

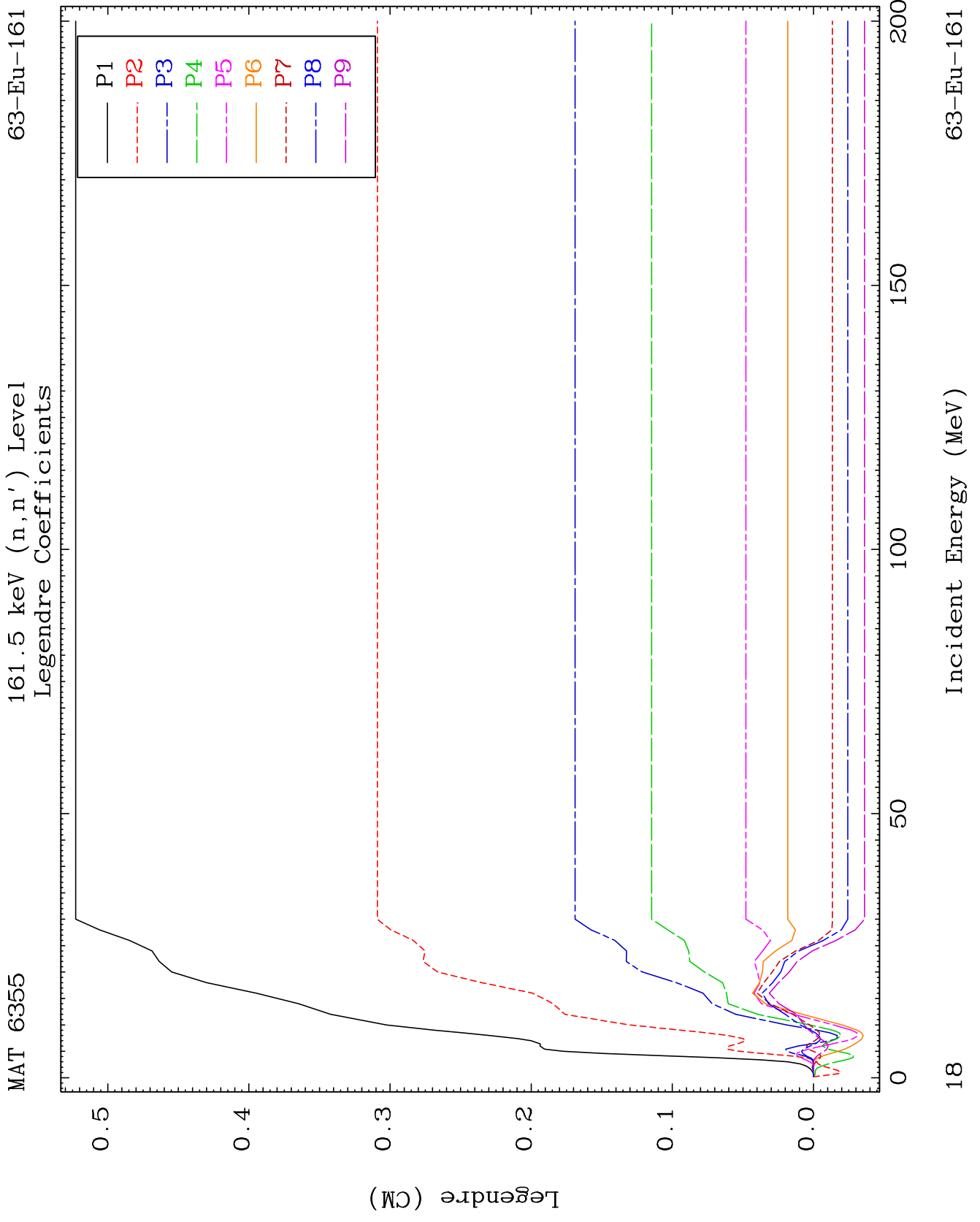
Legendre (CM)



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Incident Energy (MeV)

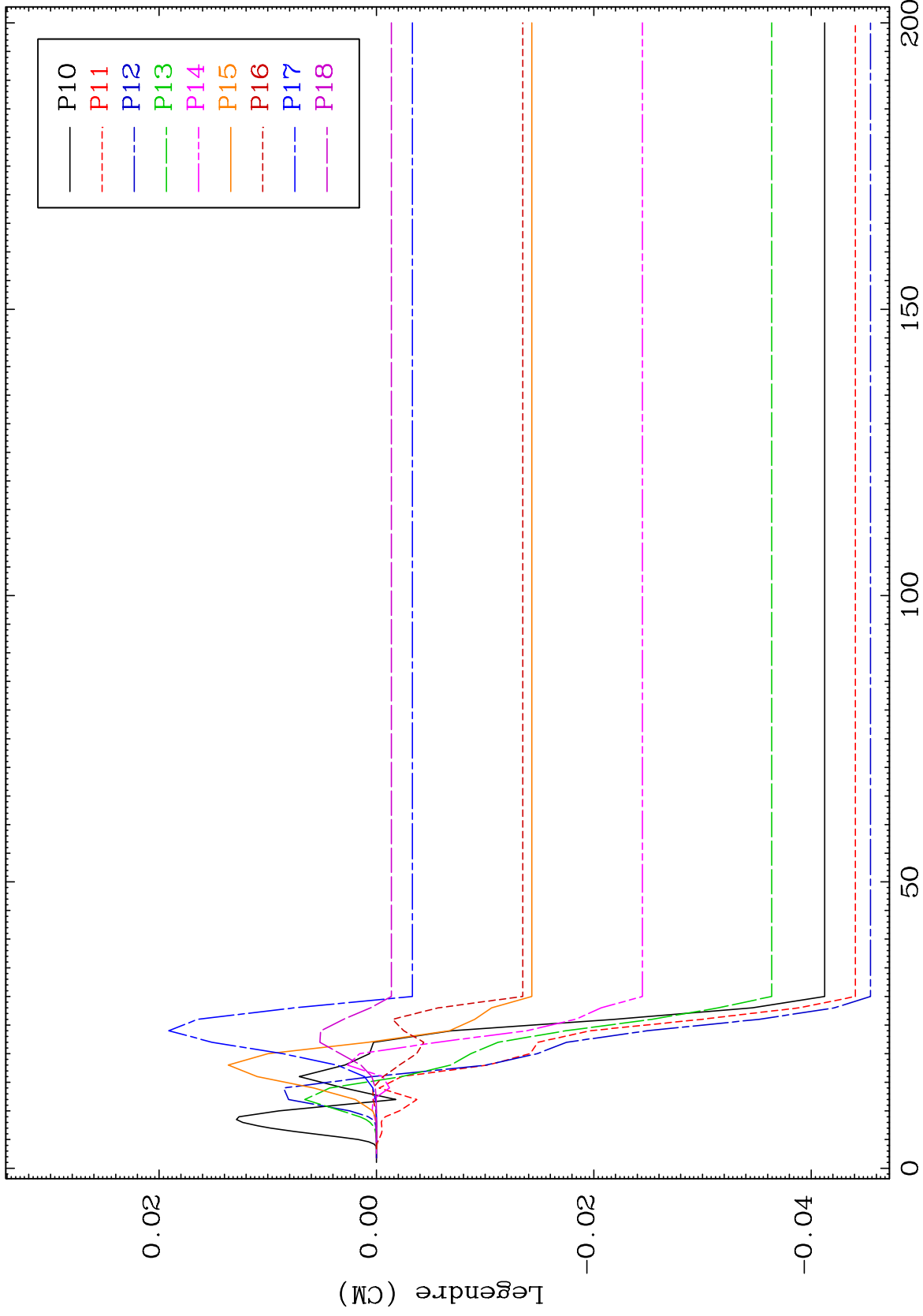
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161.5 keV (n,n') Level
Legendre Coefficients

63-Eu-161



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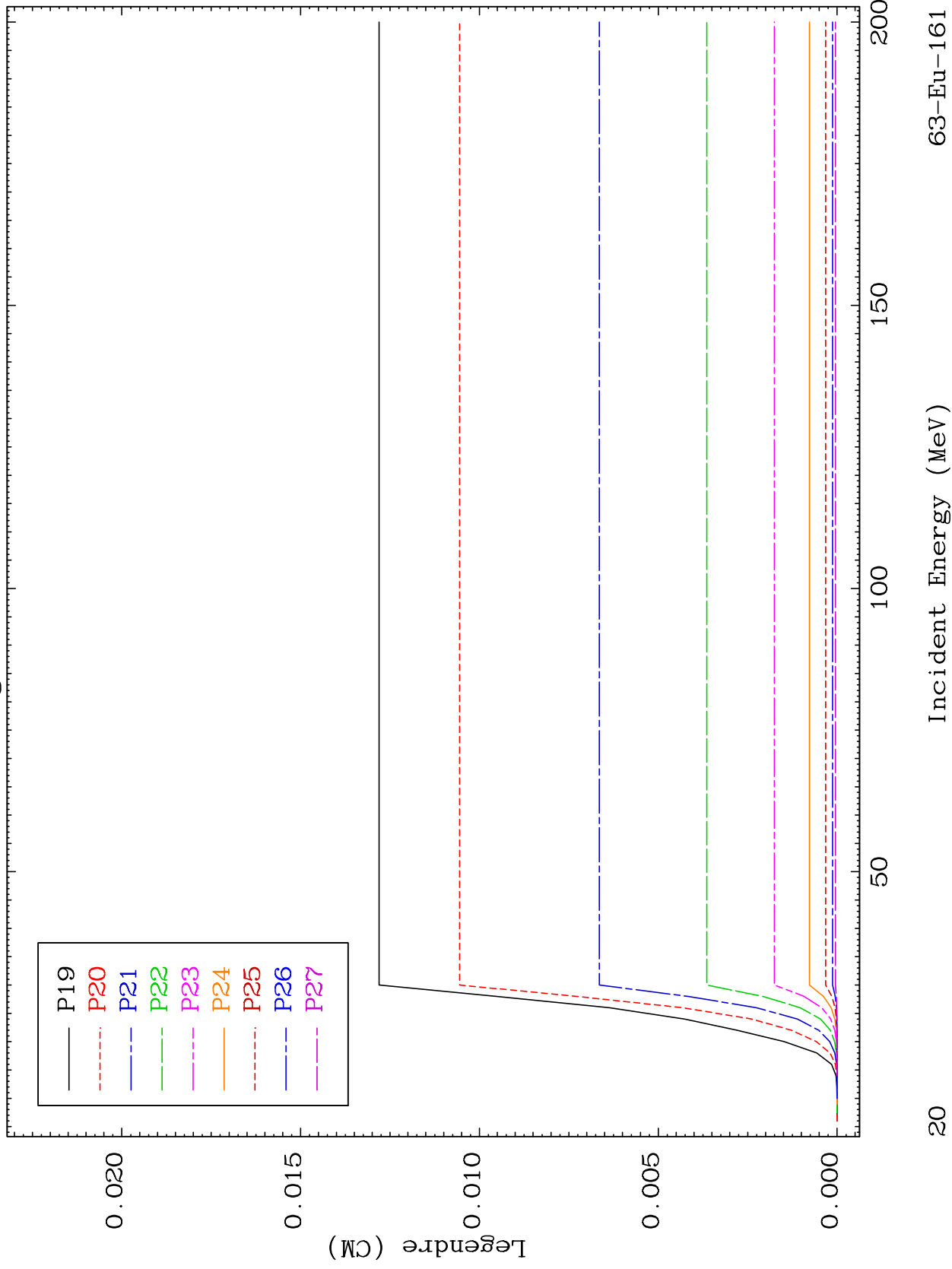
Incident Energy (MeV)

63-Eu-161

MAT 6355

161.5 keV (n,n') Level
Legendre Coefficients

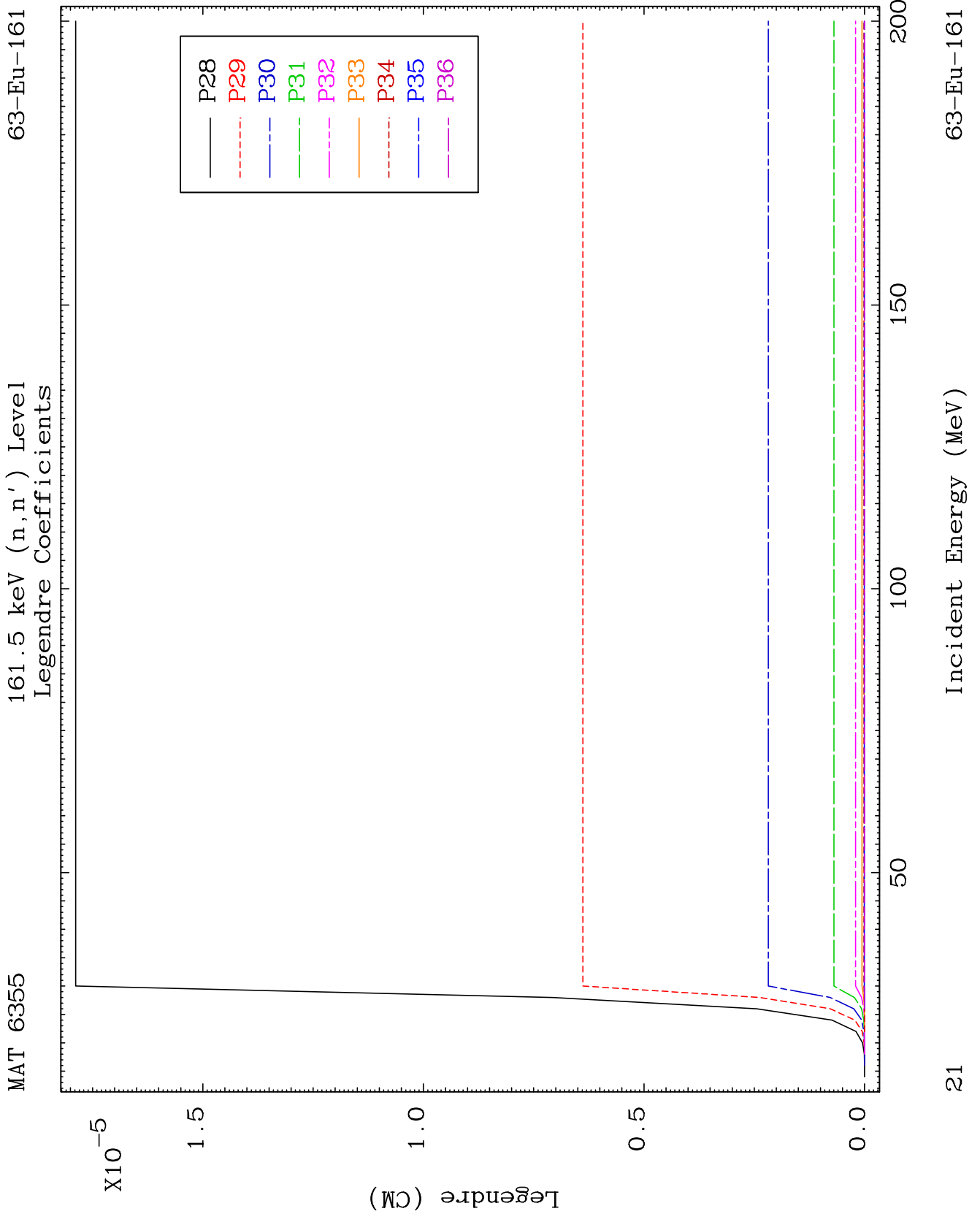
63-Eu-161



63-Eu-161

Incident Energy (MeV)

20

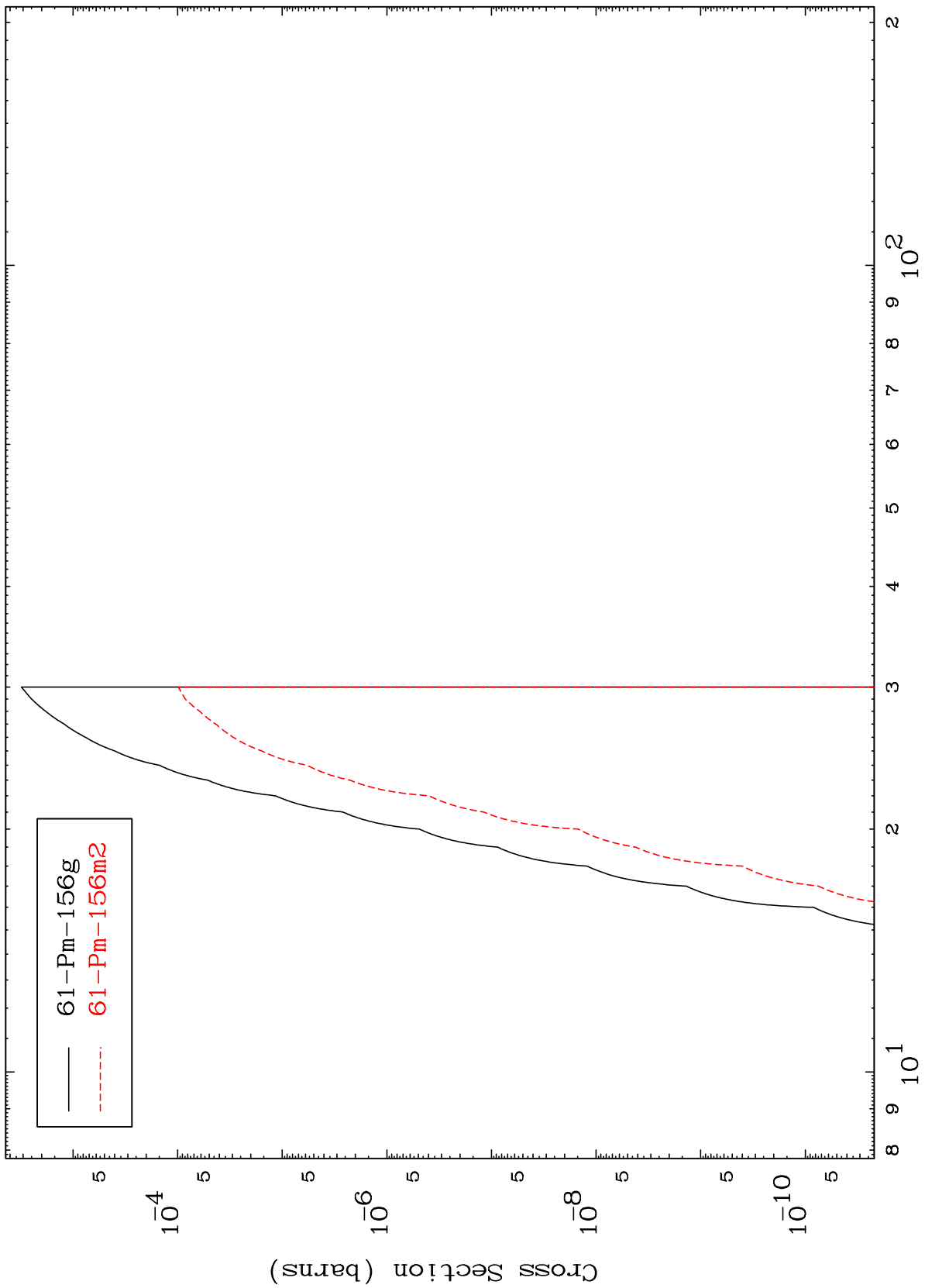


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(n,2n) α

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Radionuclide Production Cross Section



61-Pm-156g
61-Pm-156m2

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Incident Energy (MeV)

63-Eu-161