

Program EVALPLOT
(Version 2018-1)

by

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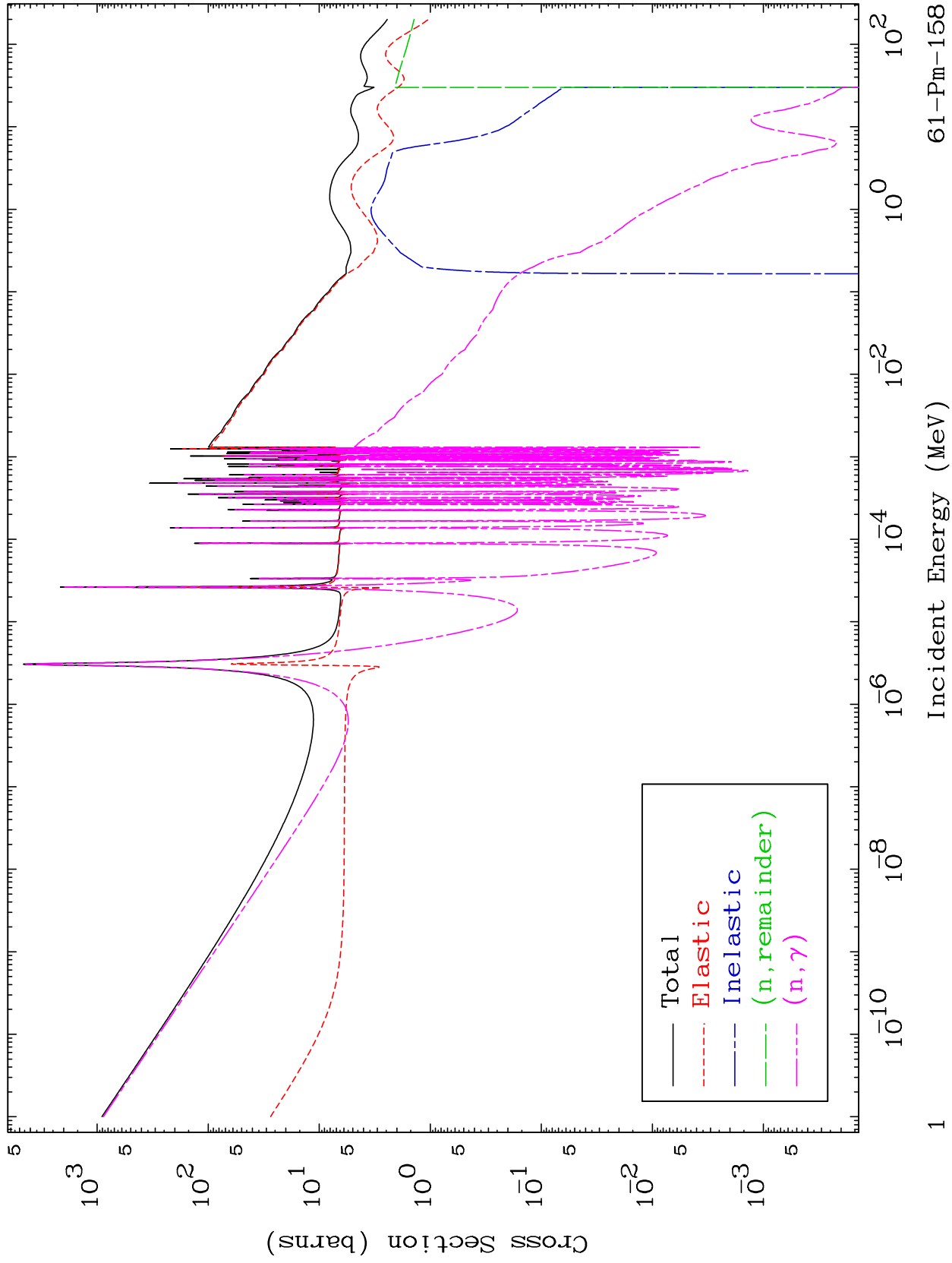
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Web:redcullen1.net/HOMEPAGE.NEW

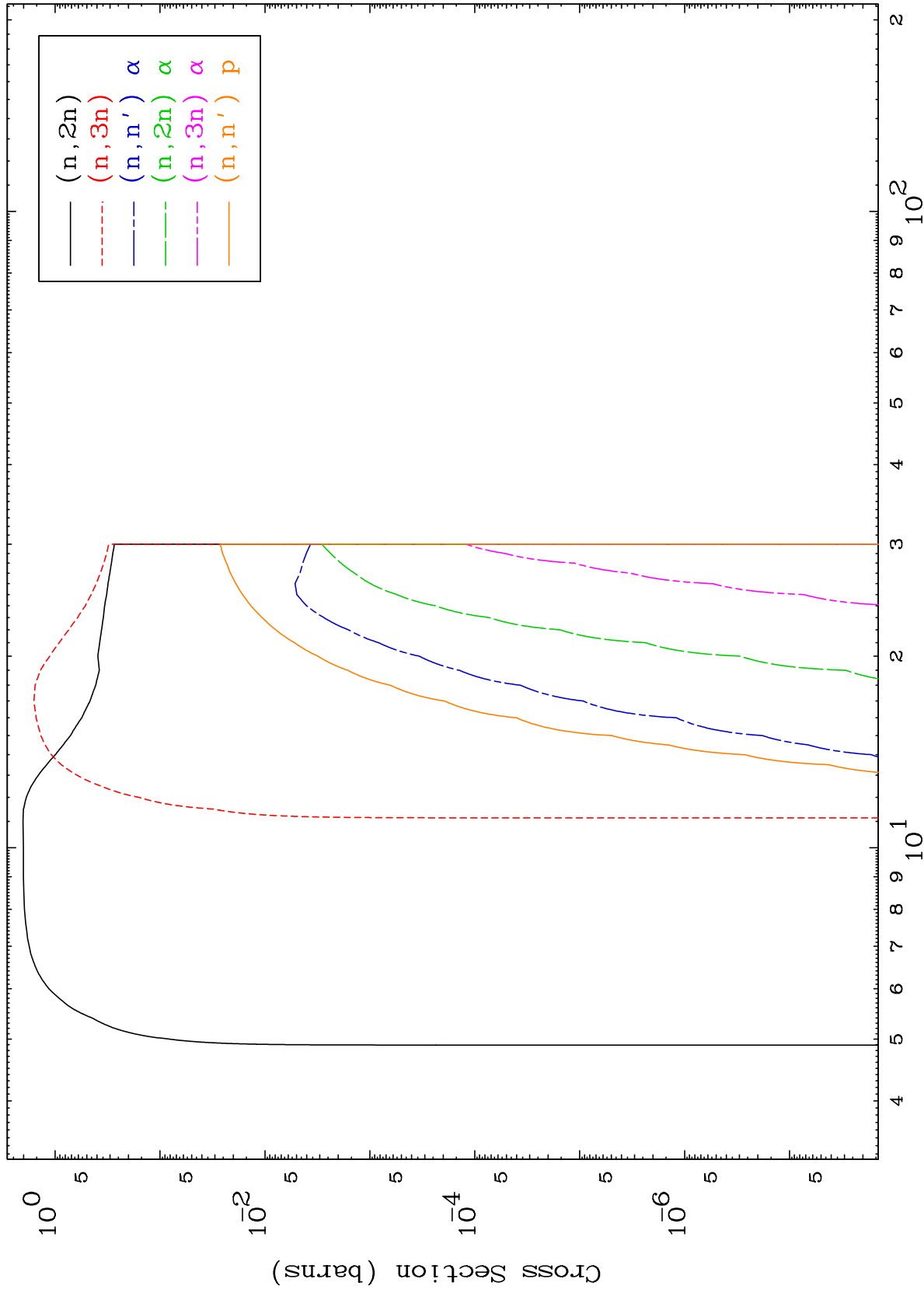
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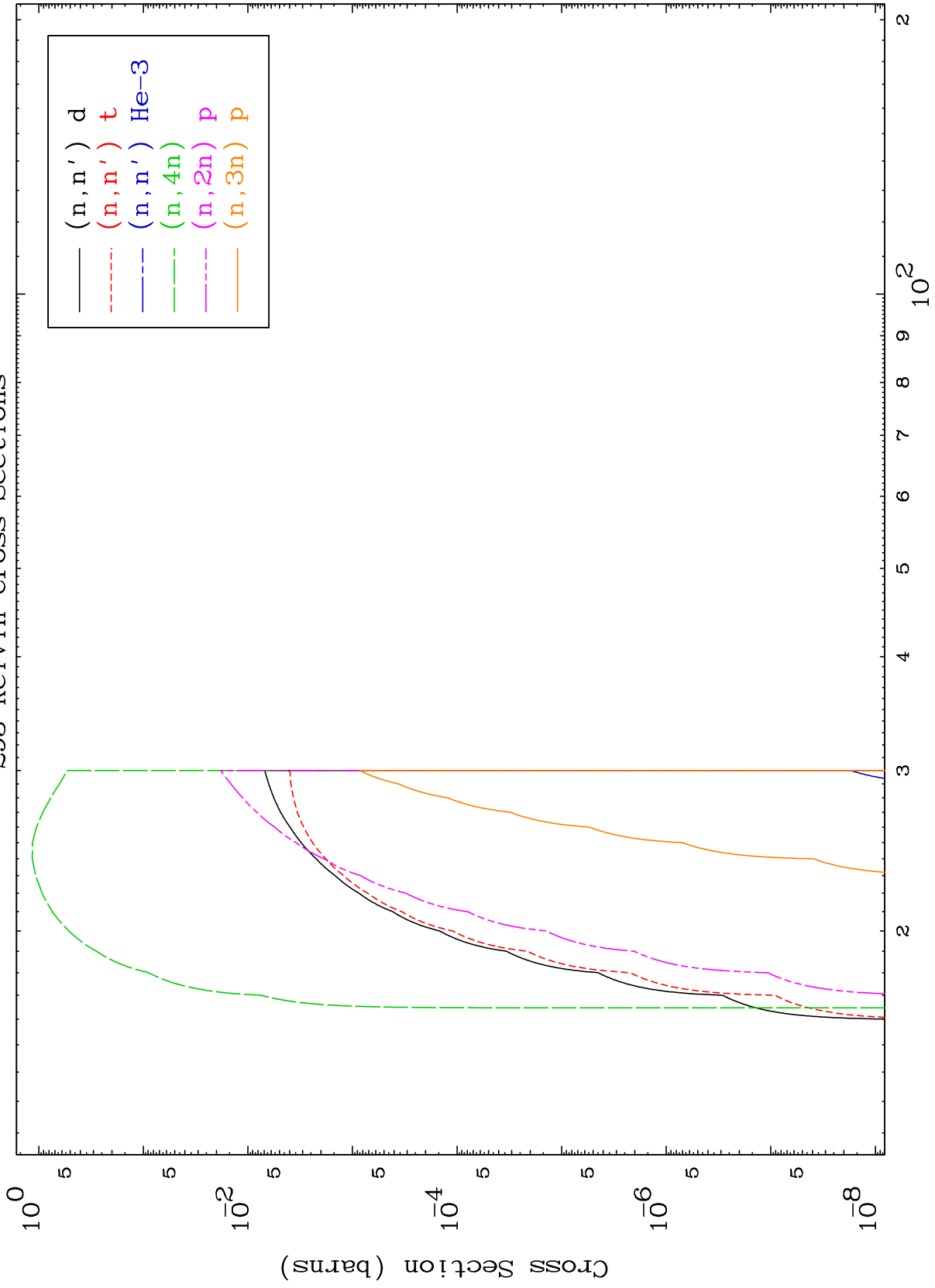
MAT 6182

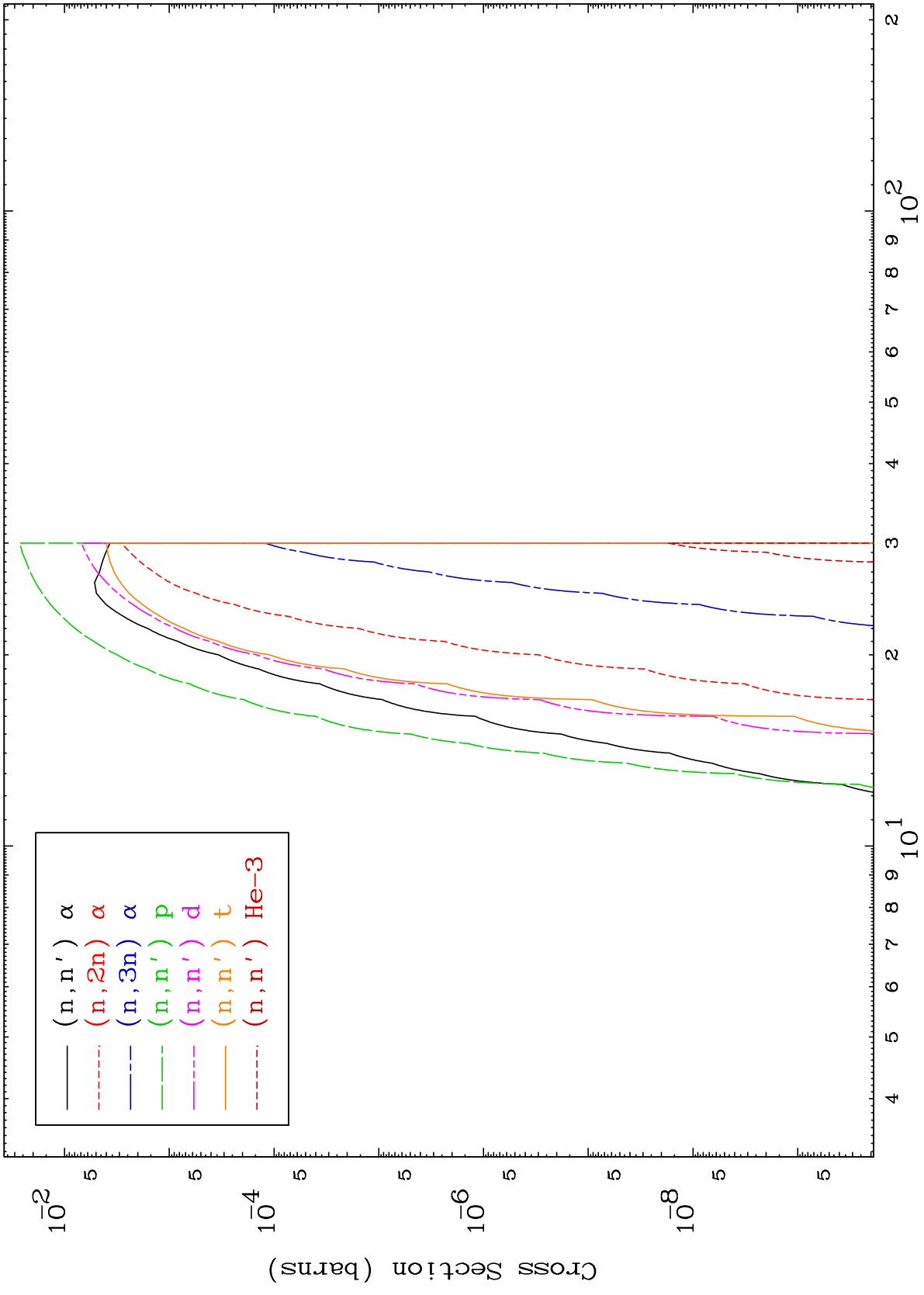
Major
293 Kelvin Cross Sections

61-Pm-158





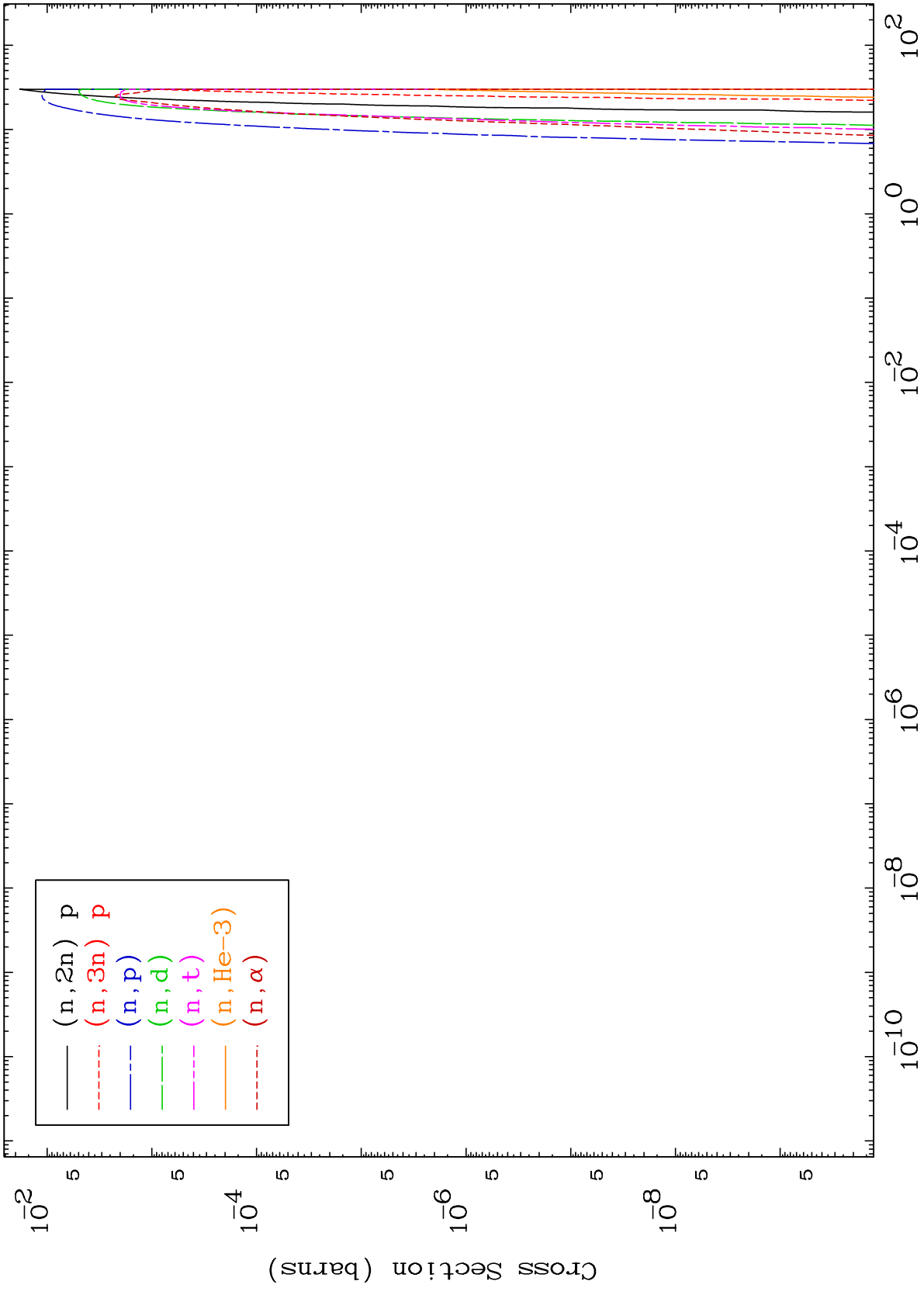




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Charged Particle
293 Kelvin Cross Sections

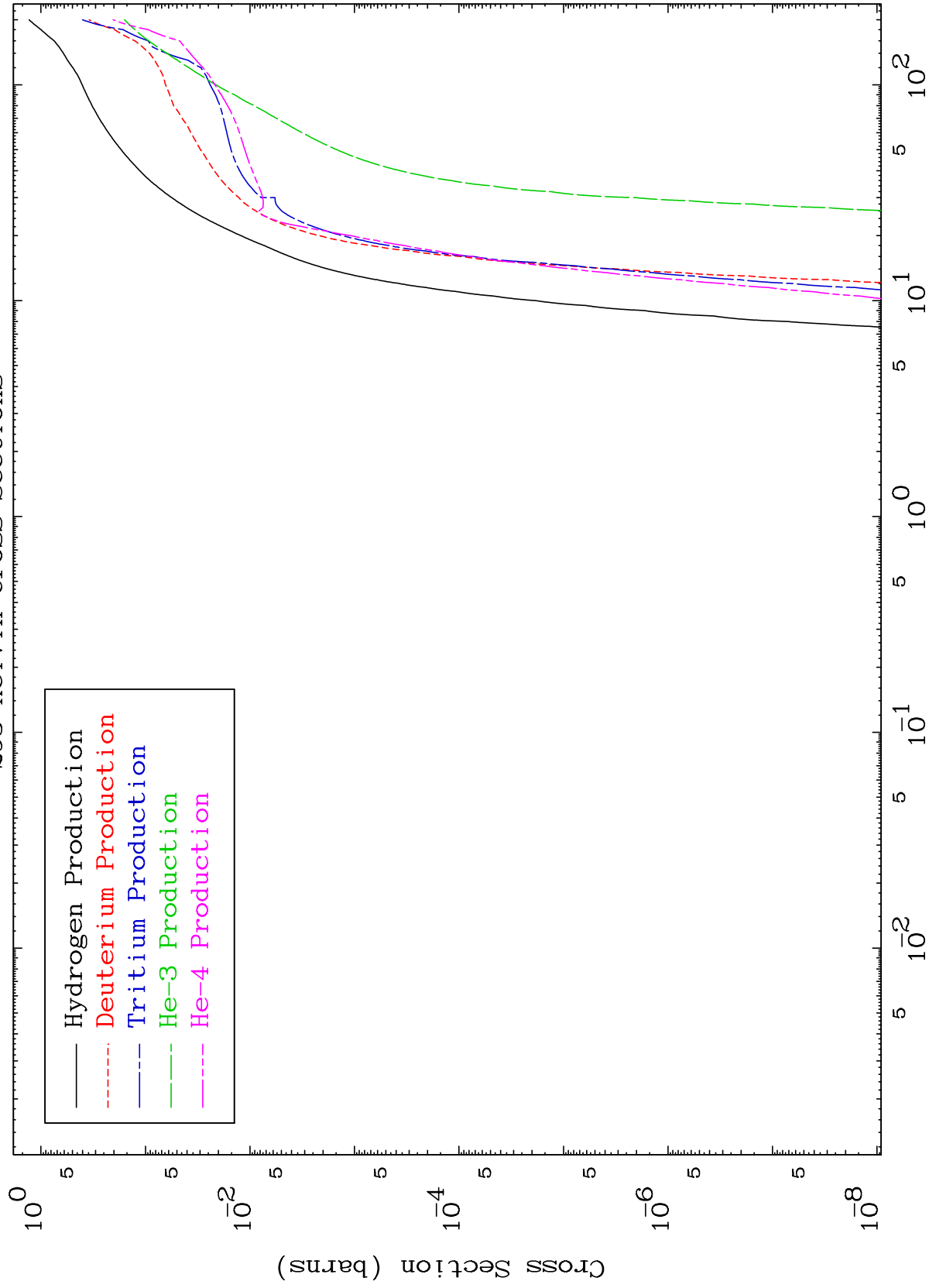
61-Pm-158



MAT 6182

Particle Production
293 Kelvin Cross Sections

61-Pm-158



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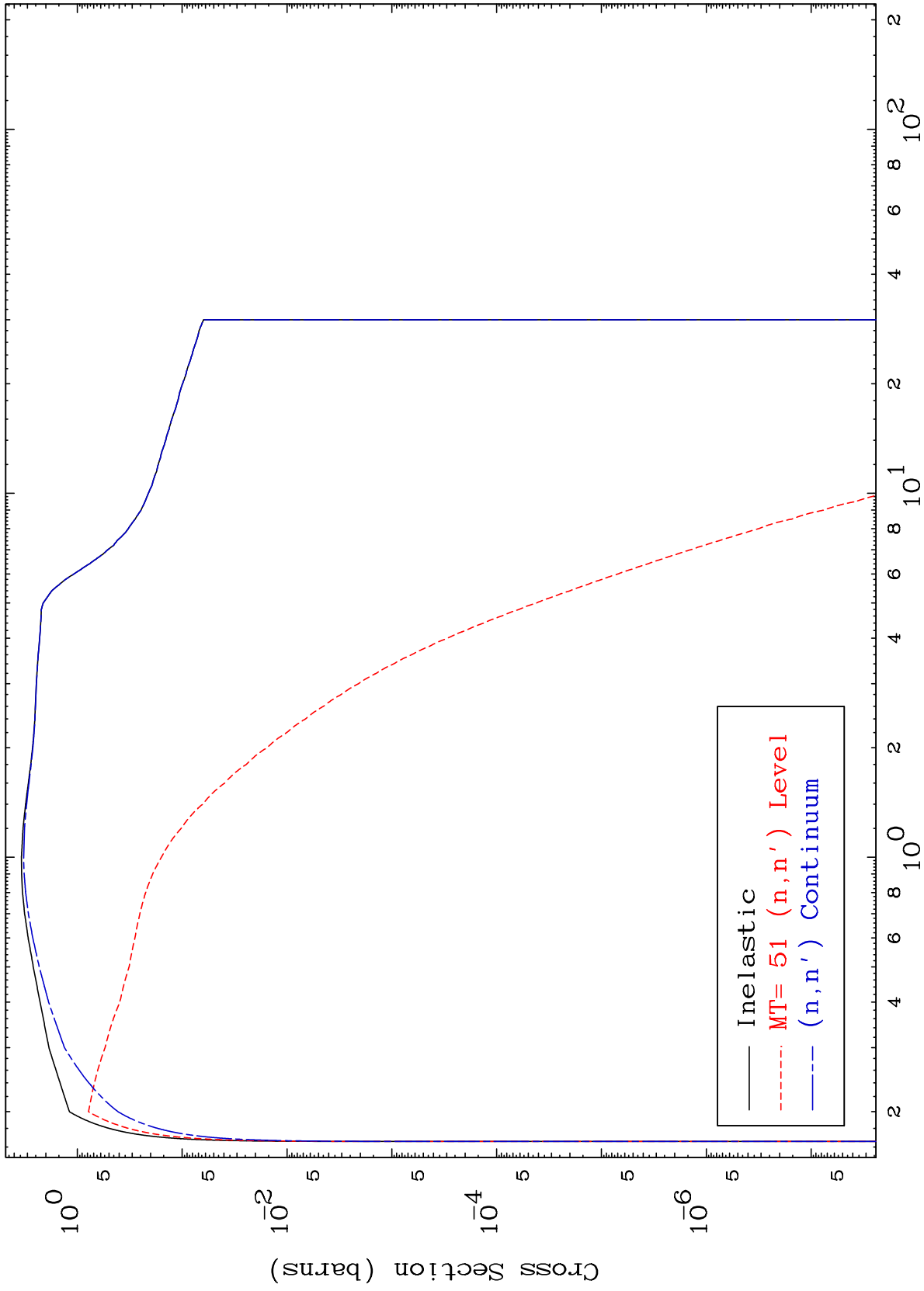
Incident Energy (MeV)

61-Pm-158

MAT 6182

(n,n') Level
293 Kelvin Cross Sections

61-Pm-158



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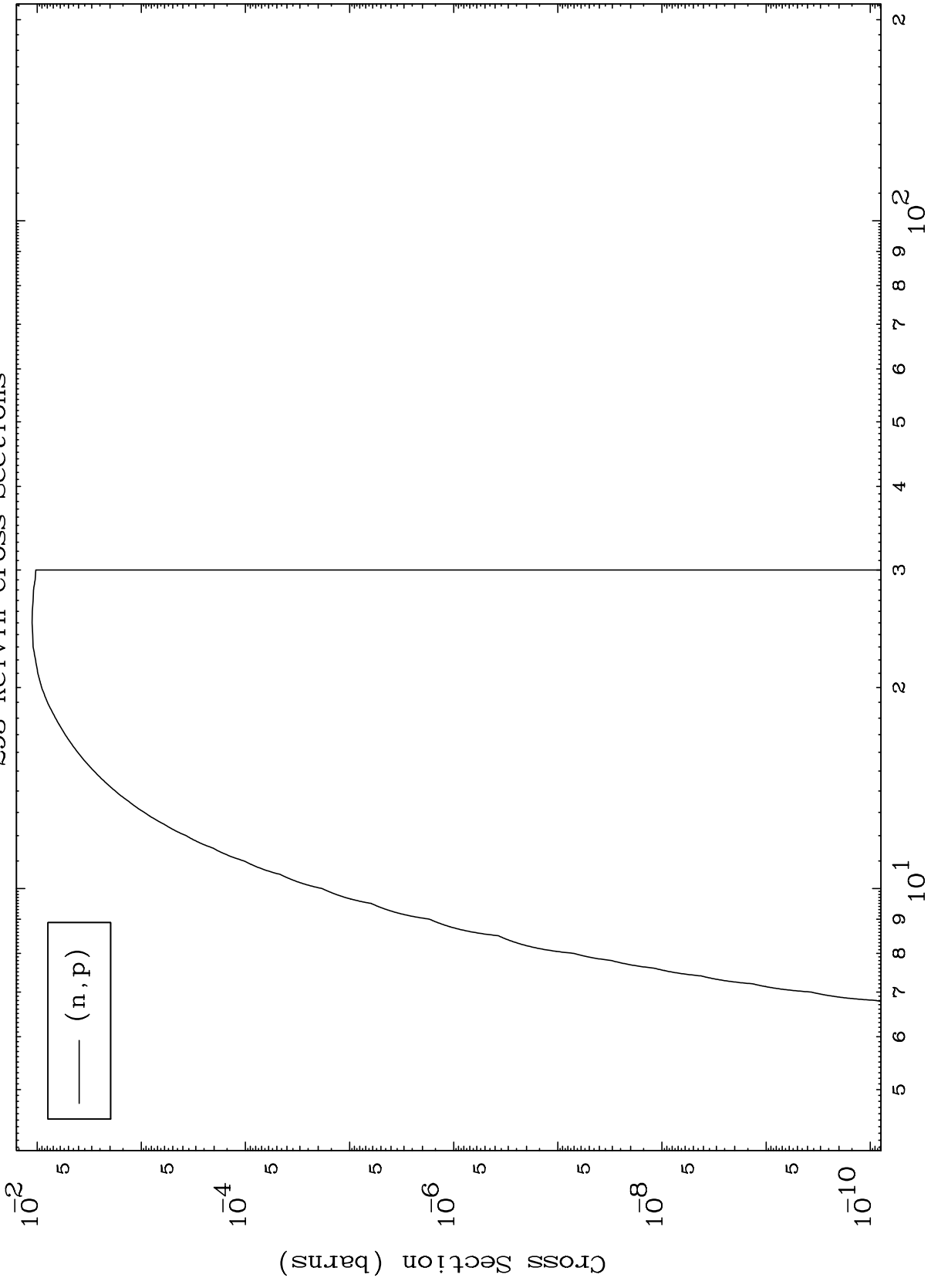
Incident Energy (MeV)

61-Pm-158

MAT 6182

(n,p) Levels
293 Kelvin Cross Sections

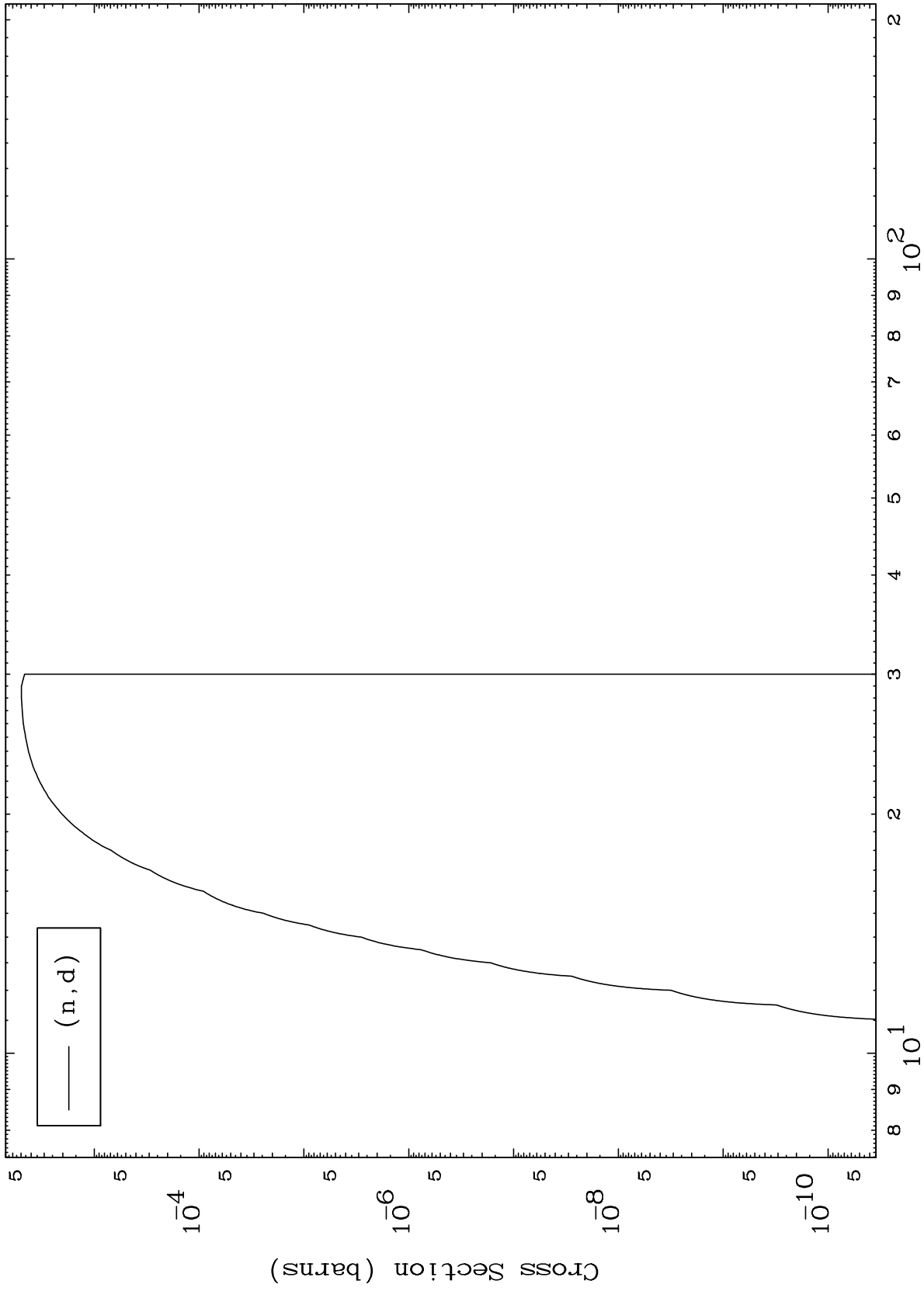
61-Pm-158



MAT 6182

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-158



9

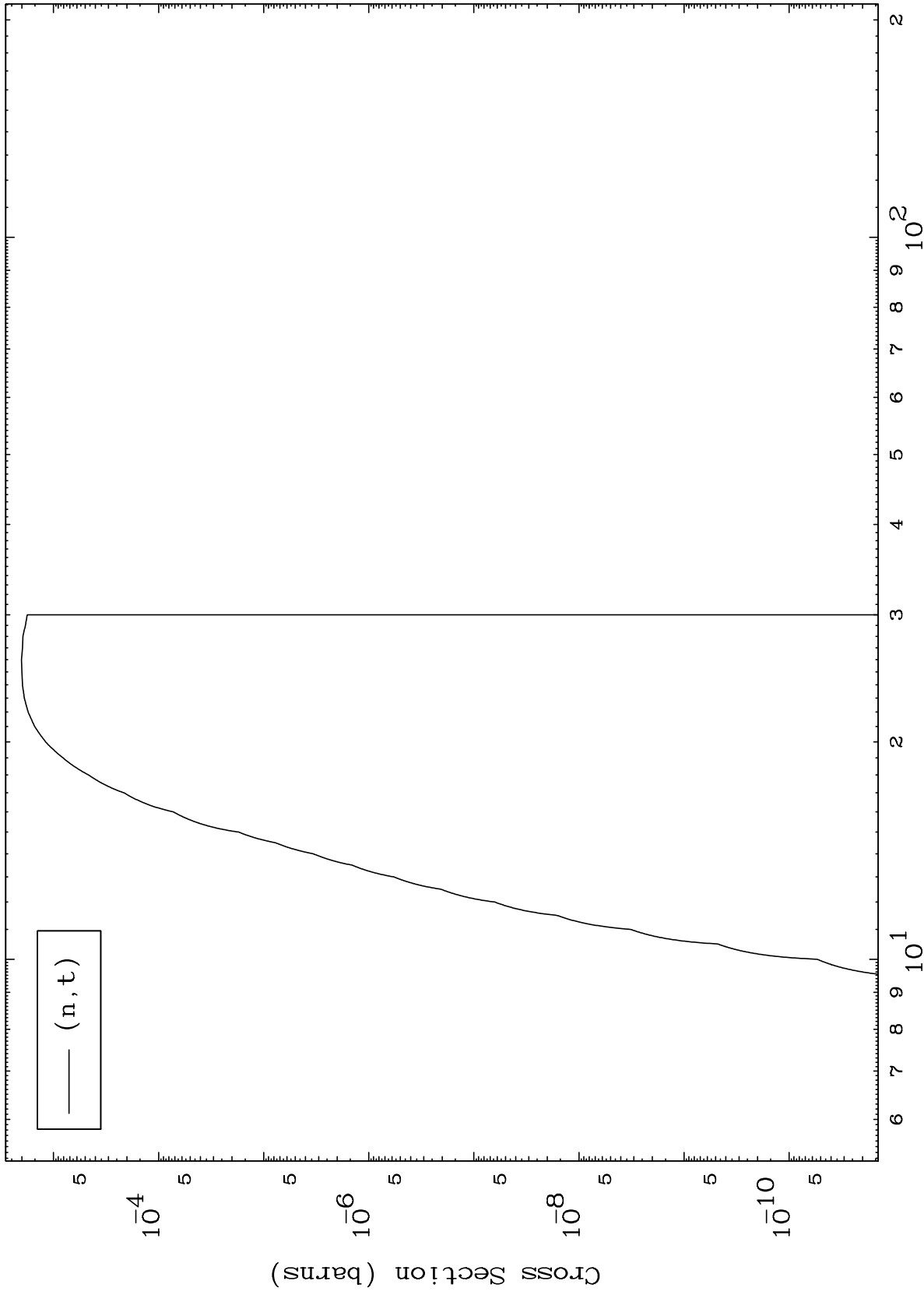
Incident Energy (MeV)

61-Pm-158

MAT 6182

(n,t) Levels
293 Kelvin Cross Sections

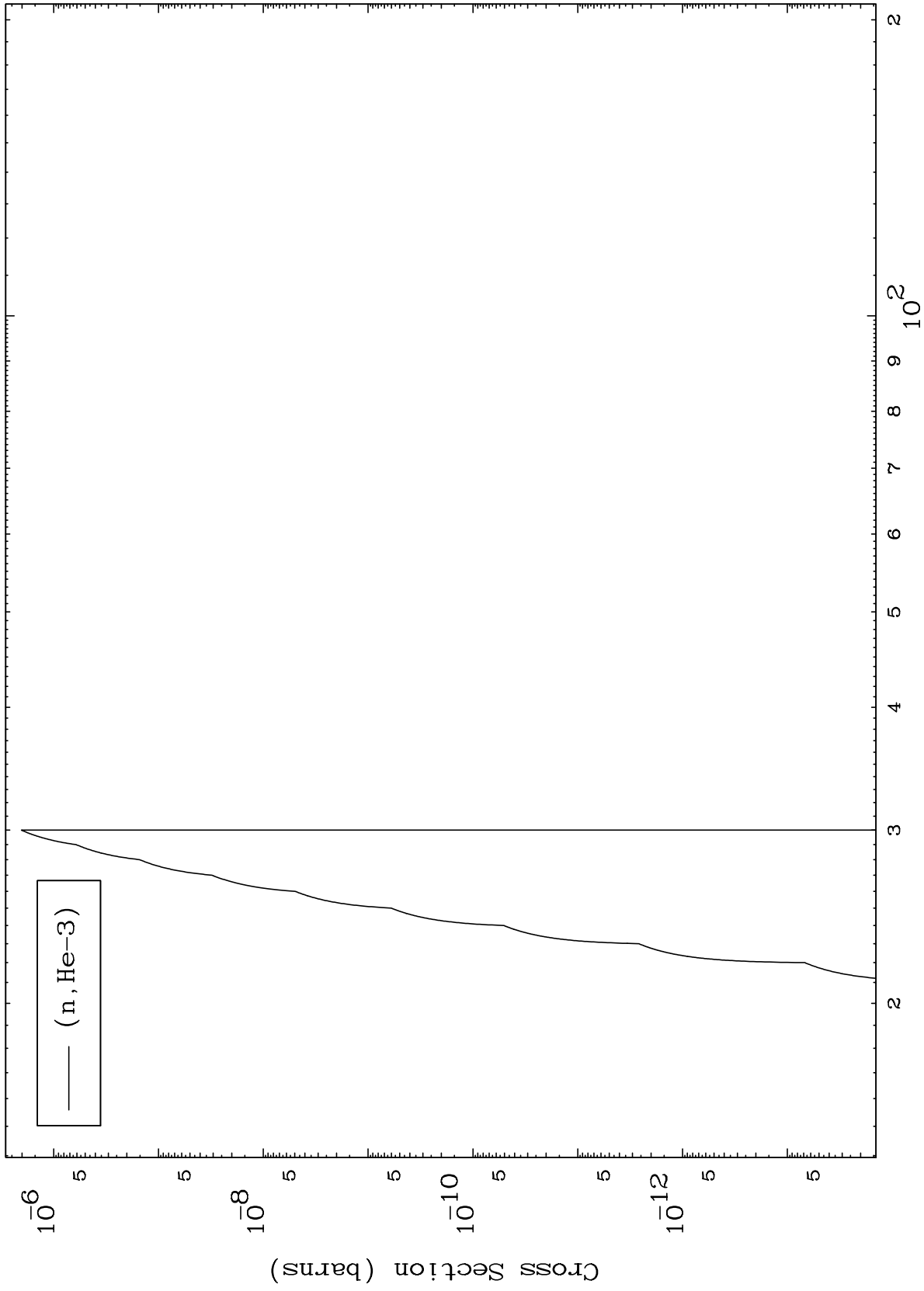
61-Pm-158



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Incident Energy (MeV)

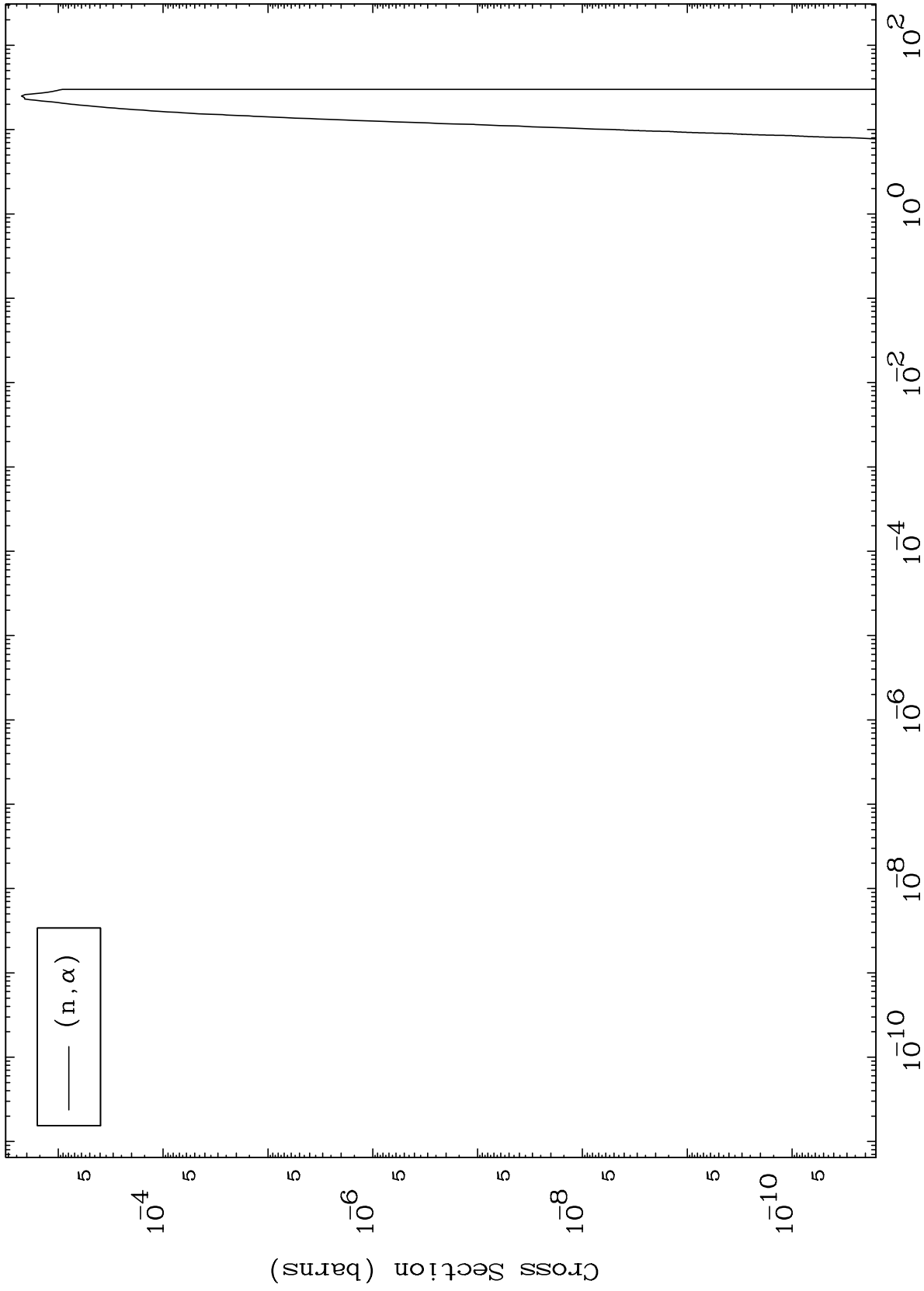
61-Pm-158



MAT 6182

(n,α) Levels
293 Kelvin Cross Sections

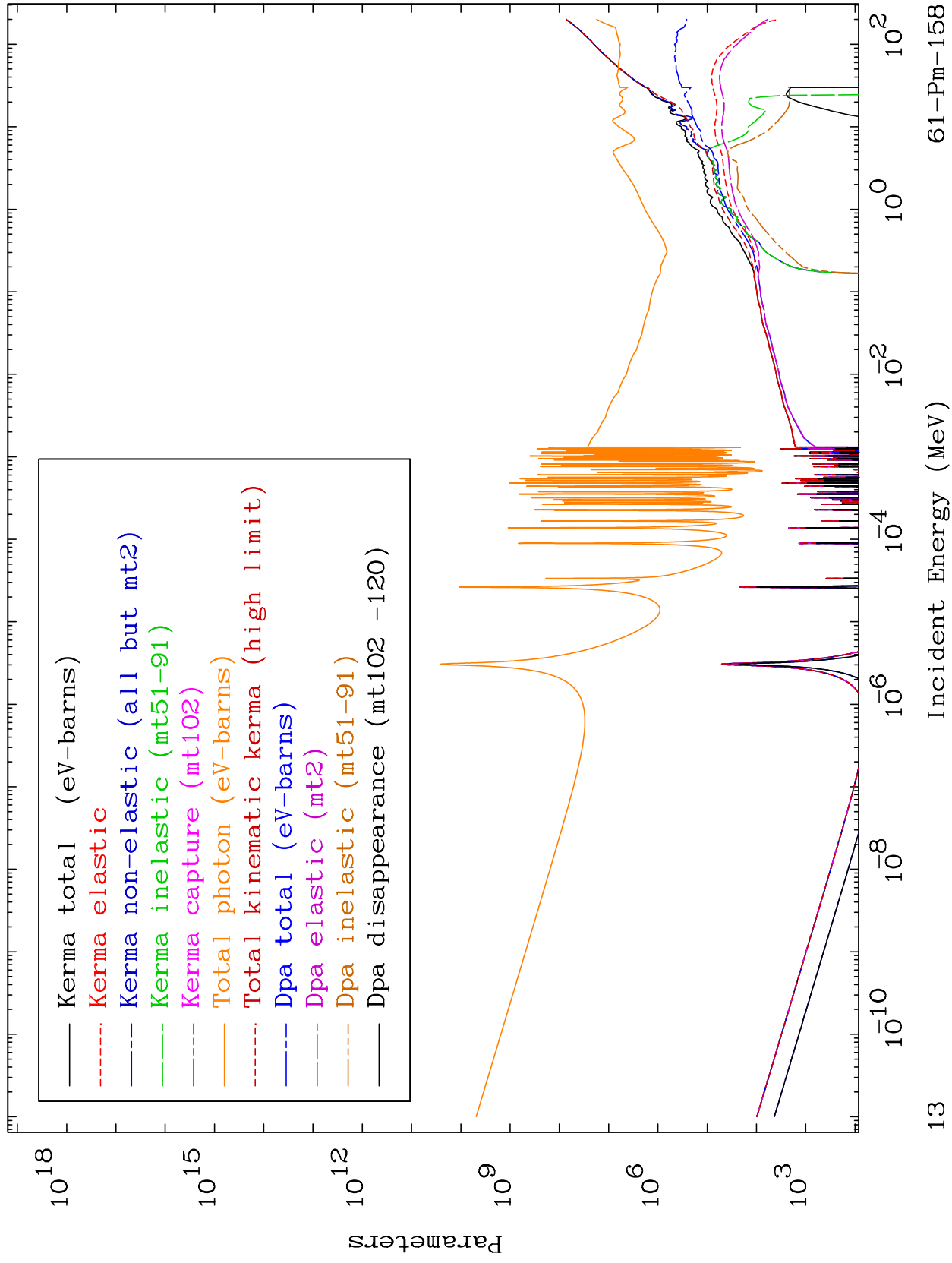
61-Pm-158



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Incident Energy (MeV)

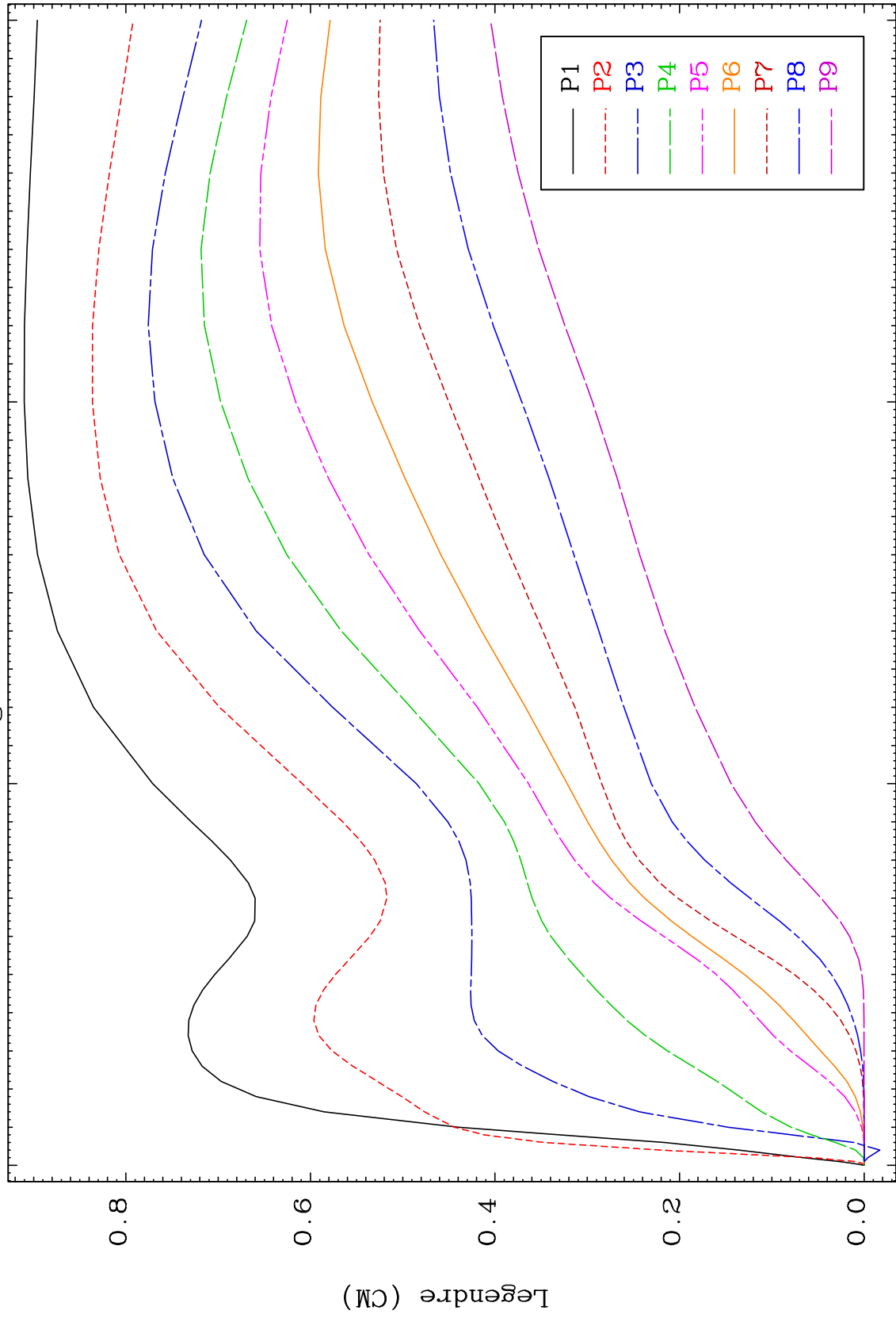
61-Pm-158



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Elastic Legendre Coefficients

61-Pm-158



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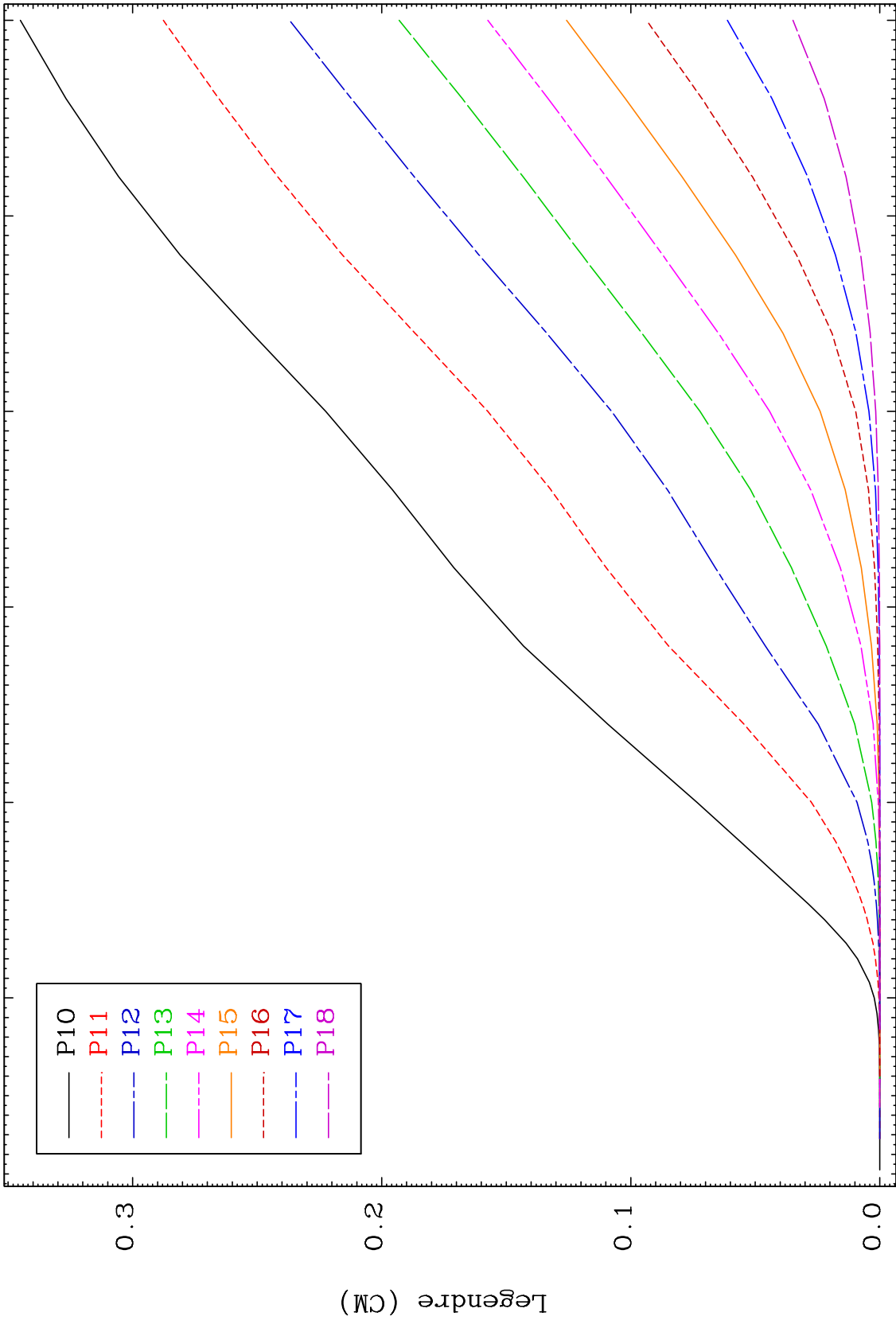
Incident Energy (MeV)

61-Pm-158

MAT 6182

Elastic Legendre Coefficients

61-Pm-158



15

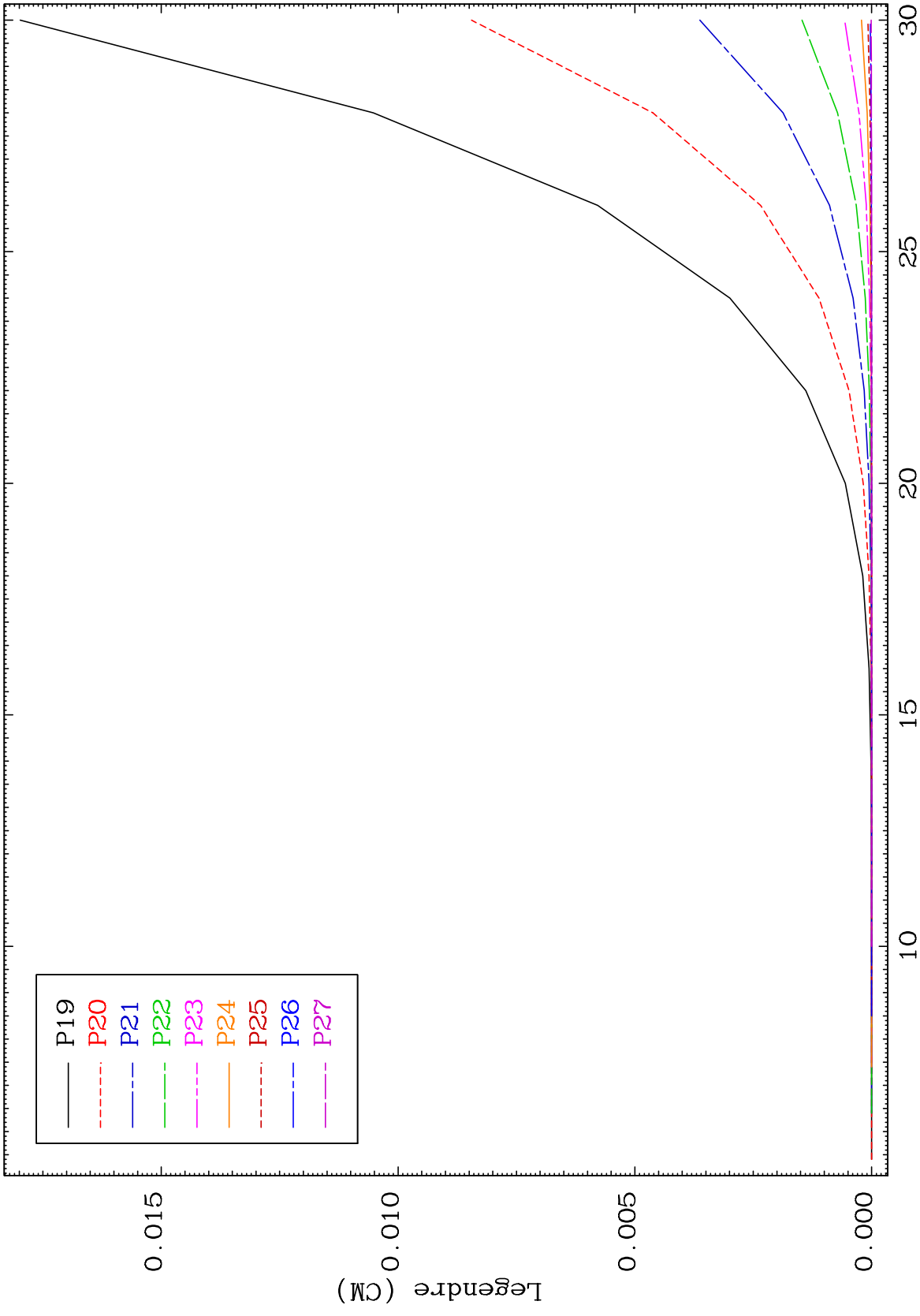
Incident Energy (MeV)

61-Pm-158

MAT 6182

Elastic Legendre Coefficients

61-Pm-158

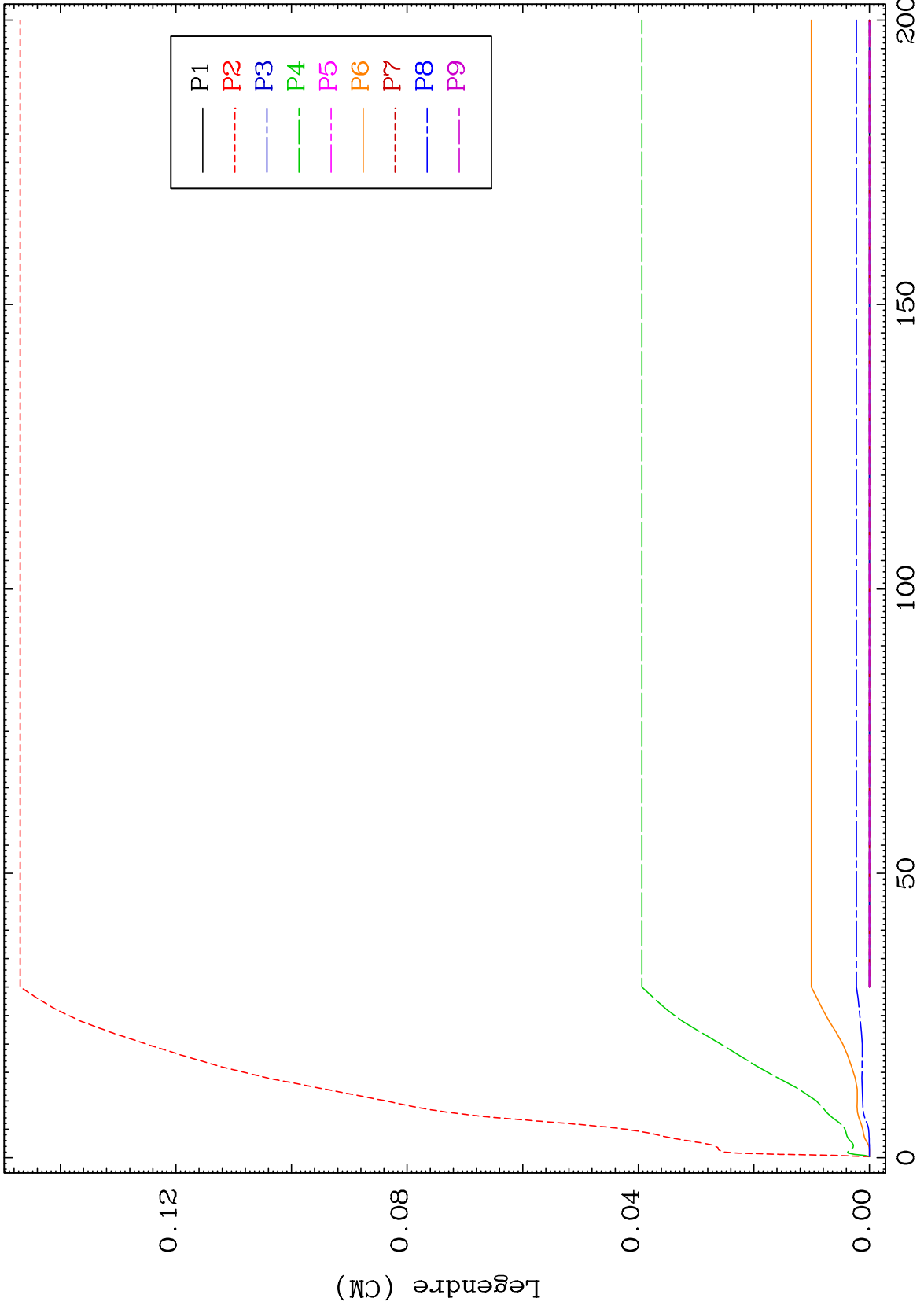


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Incident Energy (MeV)

61-Pm-158

MAT 6182 MT= 51 (n,n') Level Legendre Coefficients 61-Pm-158

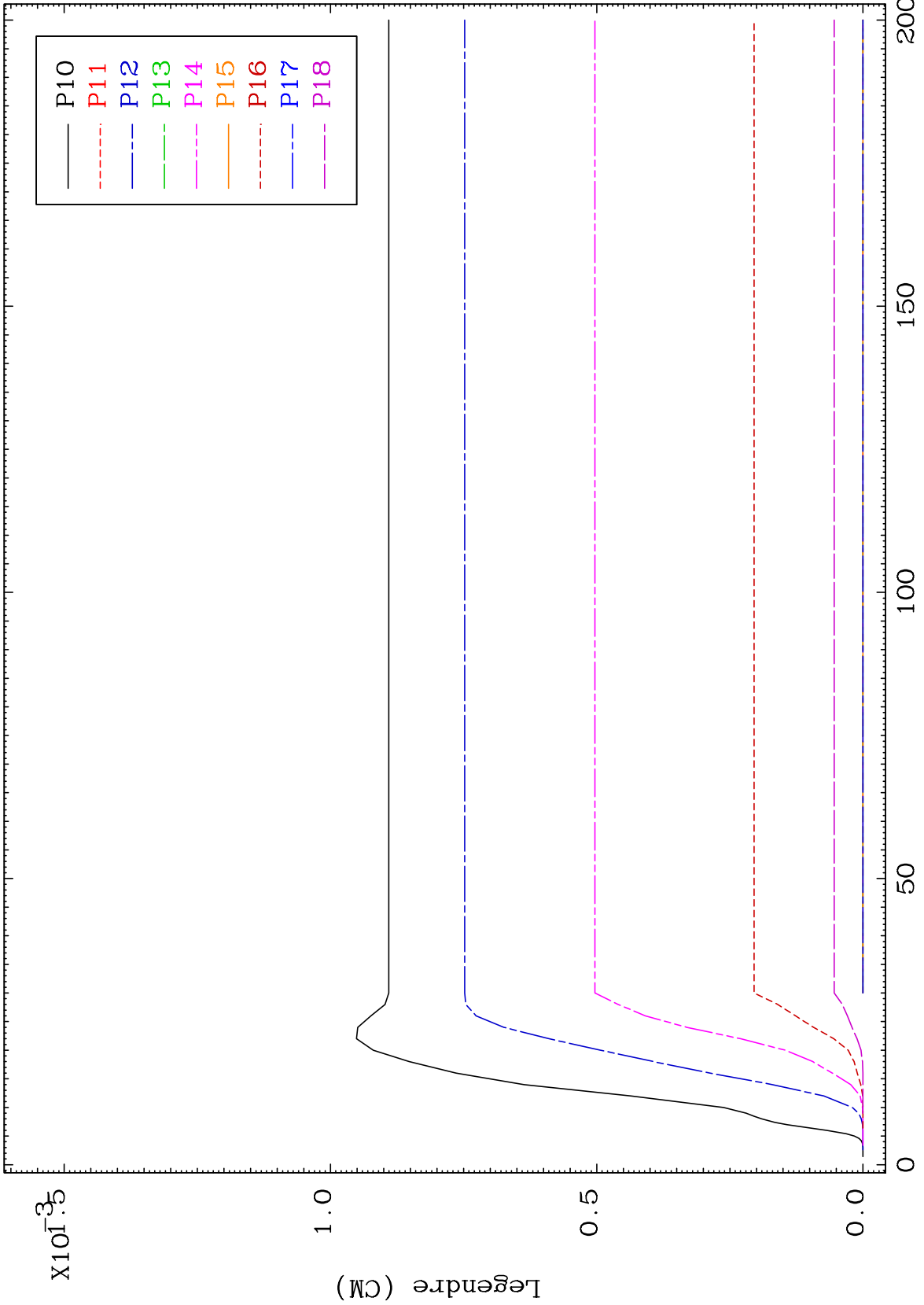


18 Incident Energy (MeV) 61-Pm-158

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MT= 51 (n,n') Level
Legendre Coefficients

61-Pm-158



19

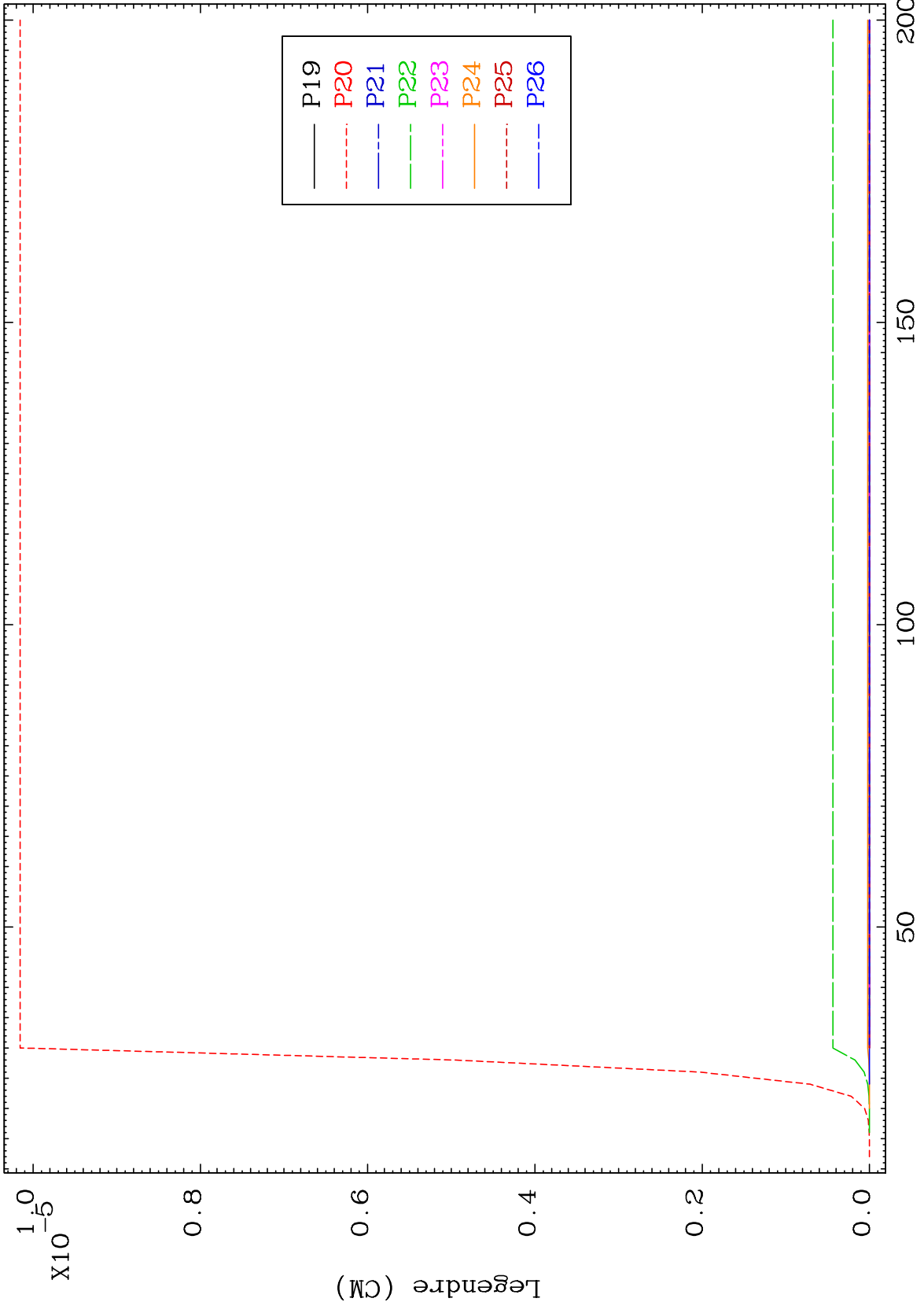
Incident Energy (MeV)

61-Pm-158

MAT 6182

MT= 51 (n,n') Level
Legendre Coefficients

61-Pm-158



20

50

100

150

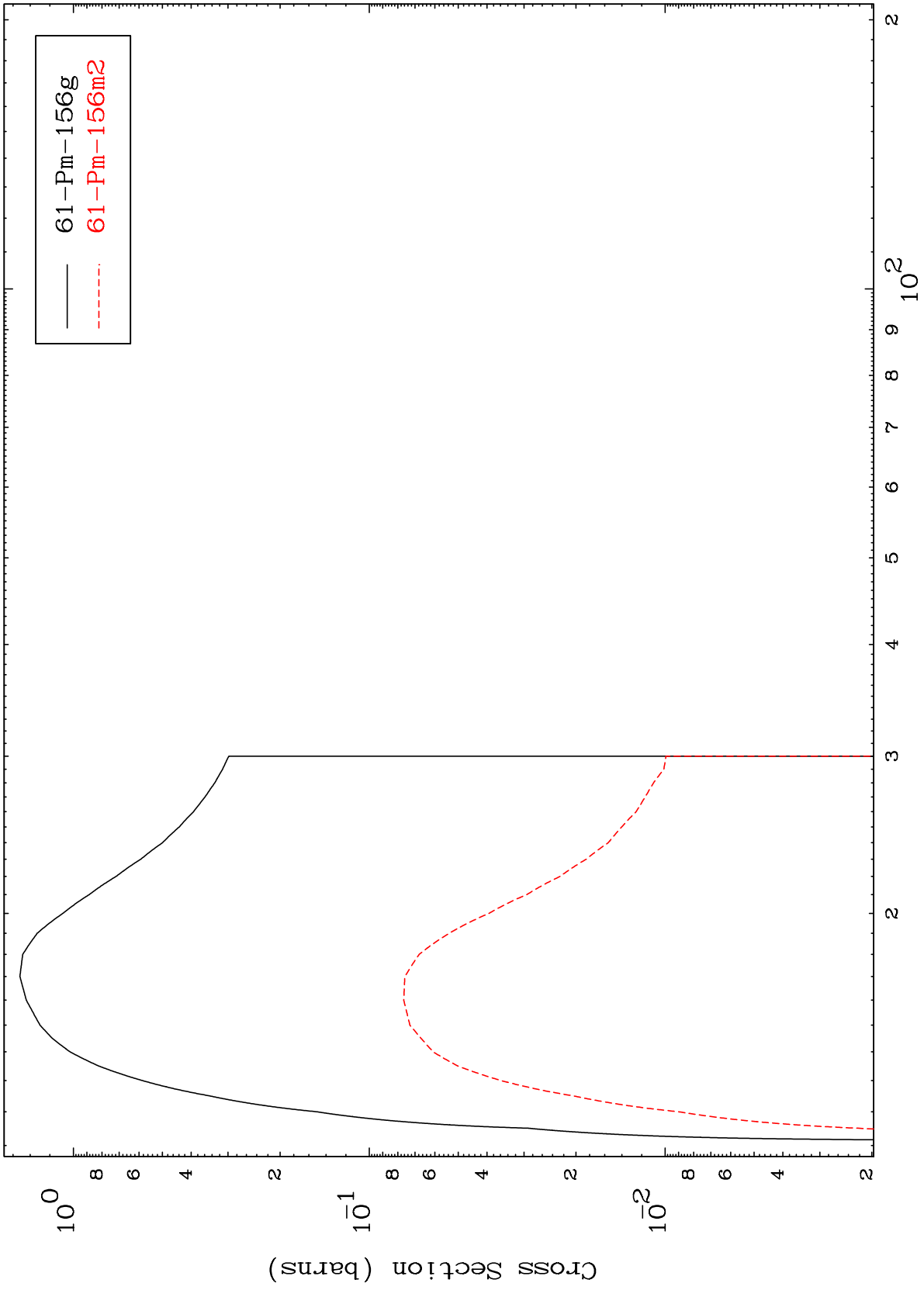
200

61-Pm-158

MAT 6182

61-Pm-158

(n,3n)
Radionuclide Production Cross Section



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Incident Energy (MeV)

61-Pm-158