

Program EVALPLOT  
(Version 2021-1)

by

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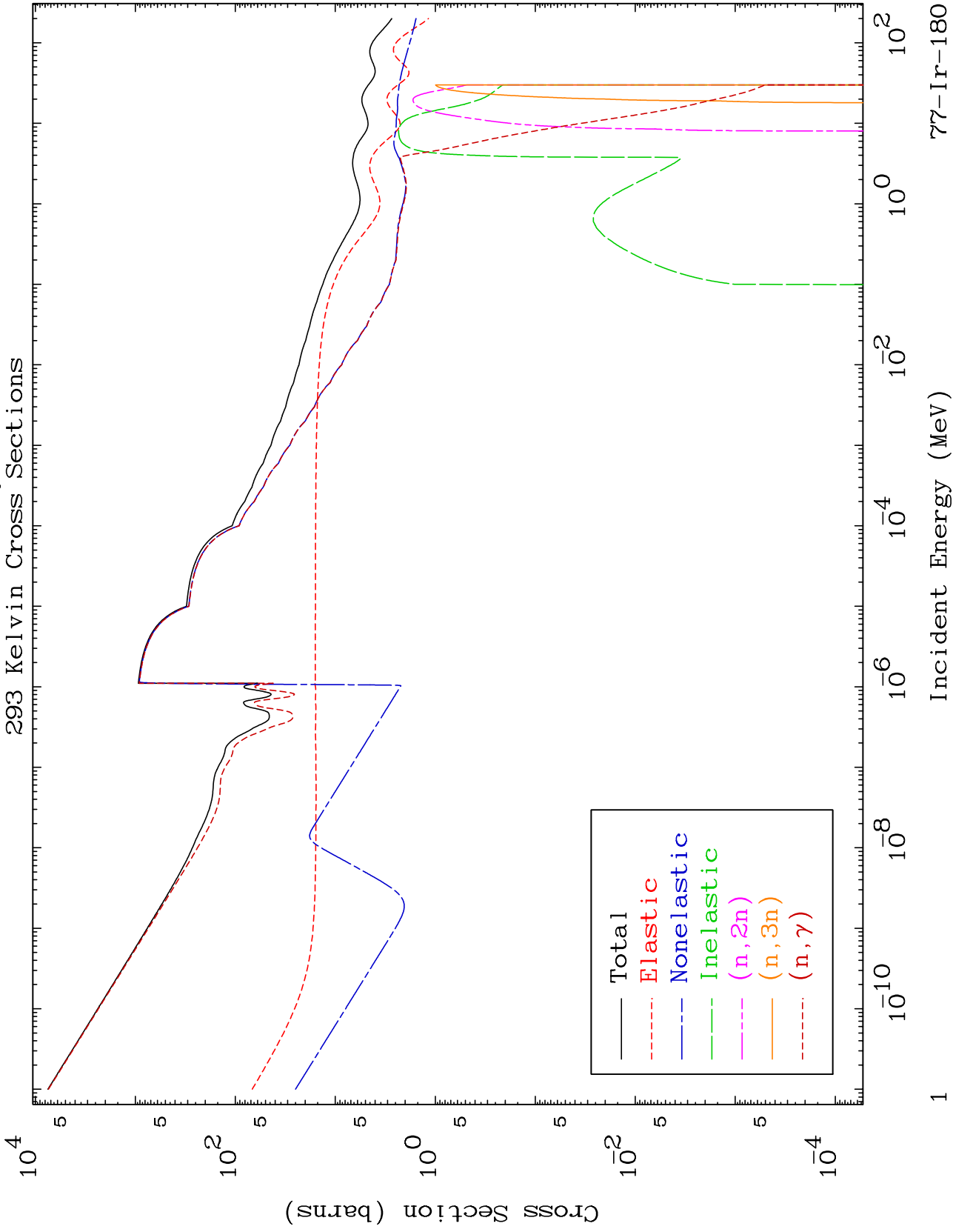
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7692

Neutron Major  
293 Kelvin Cross Sections

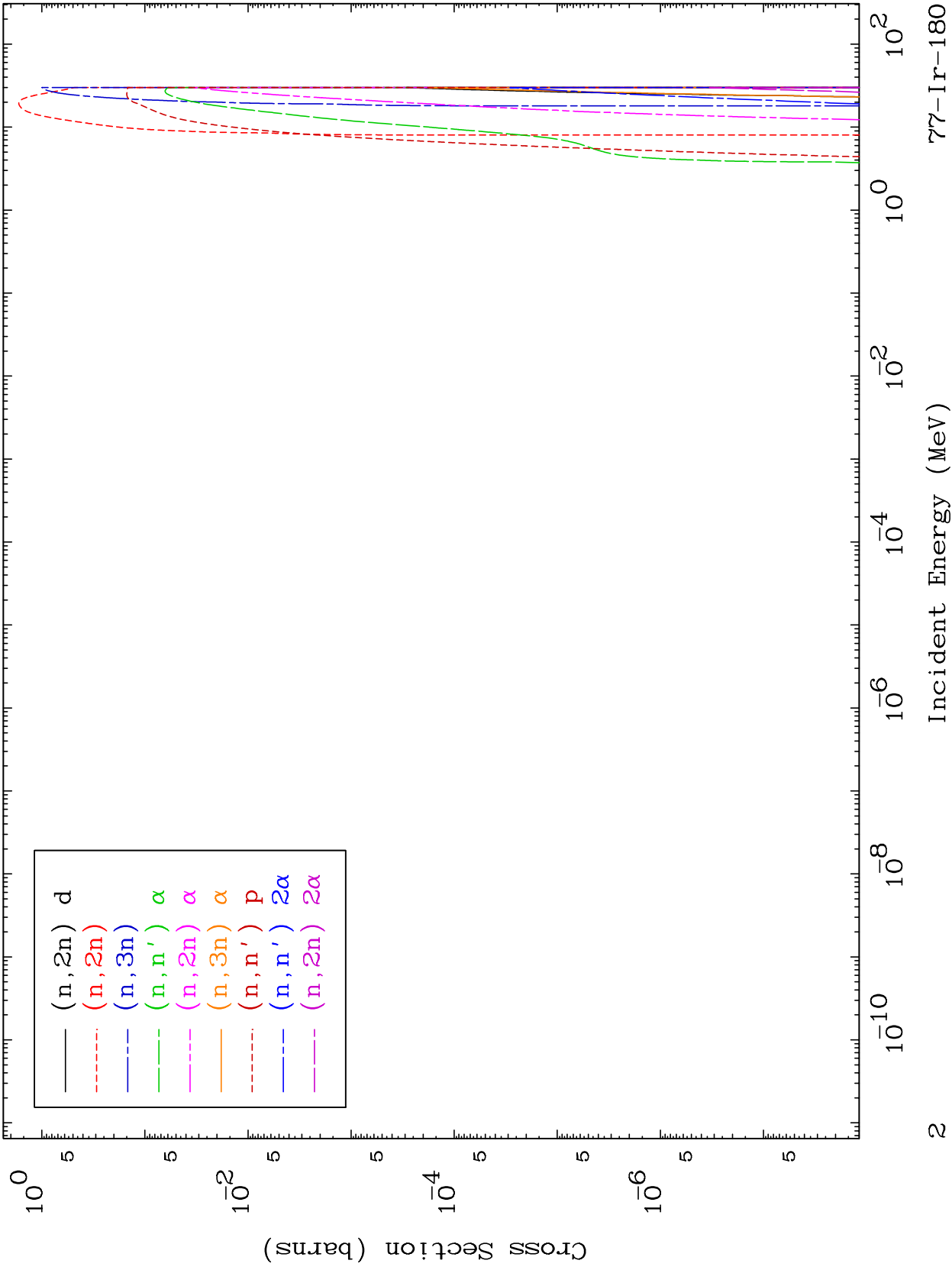
77-Ir-180

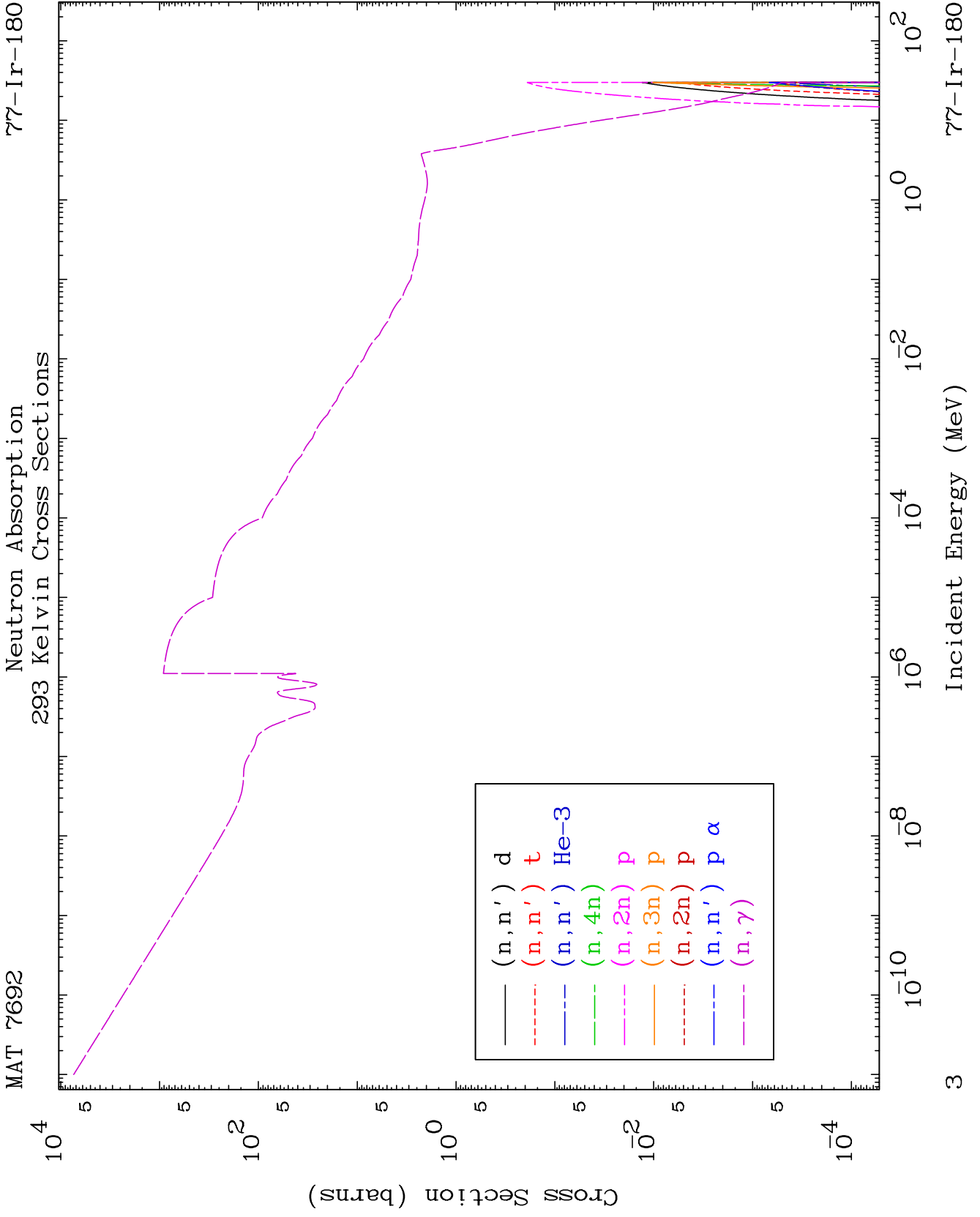


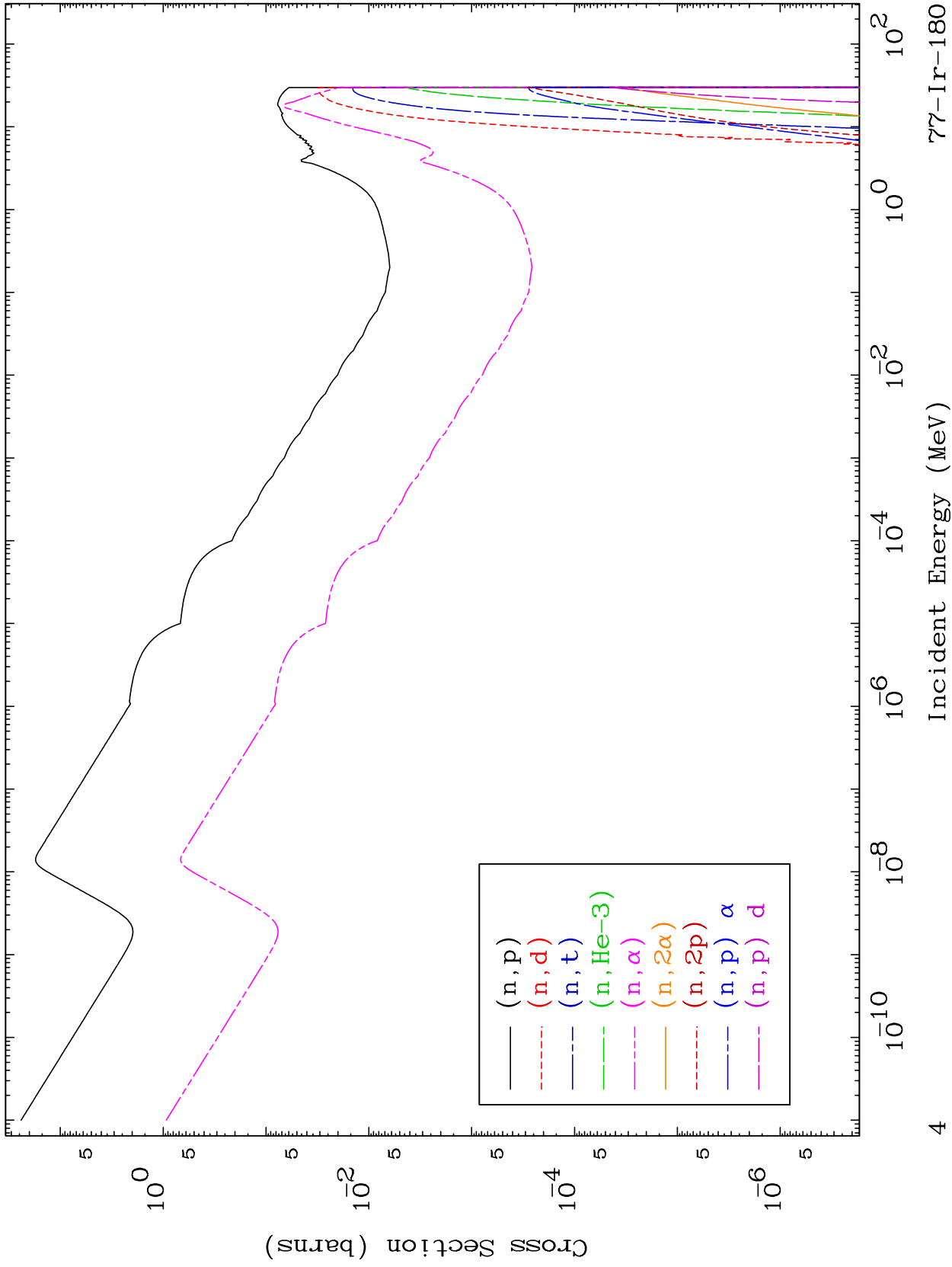
MAT 7692

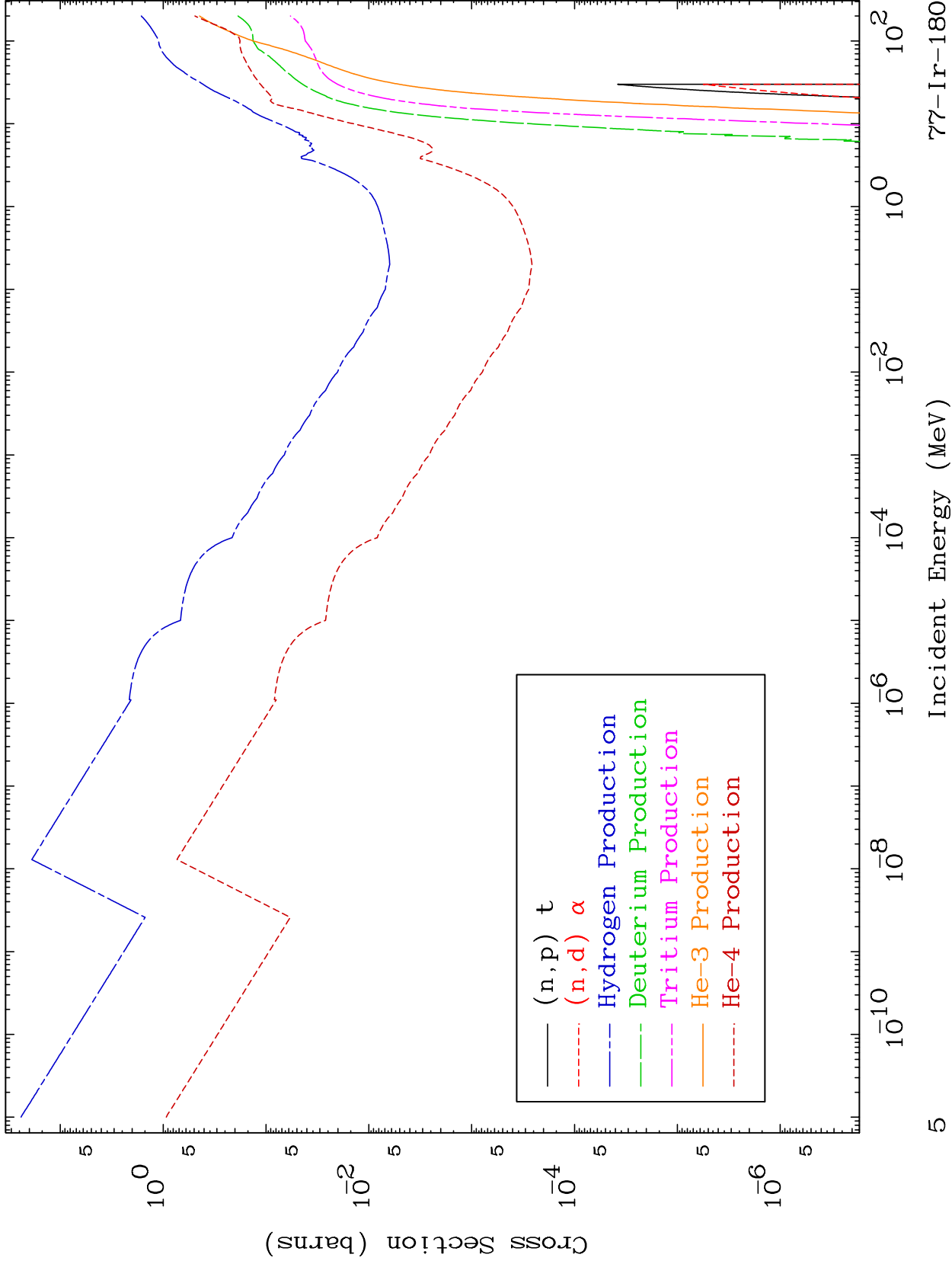
Neutron Absorption  
293 Kelvin Cross Sections

77-Ir-180





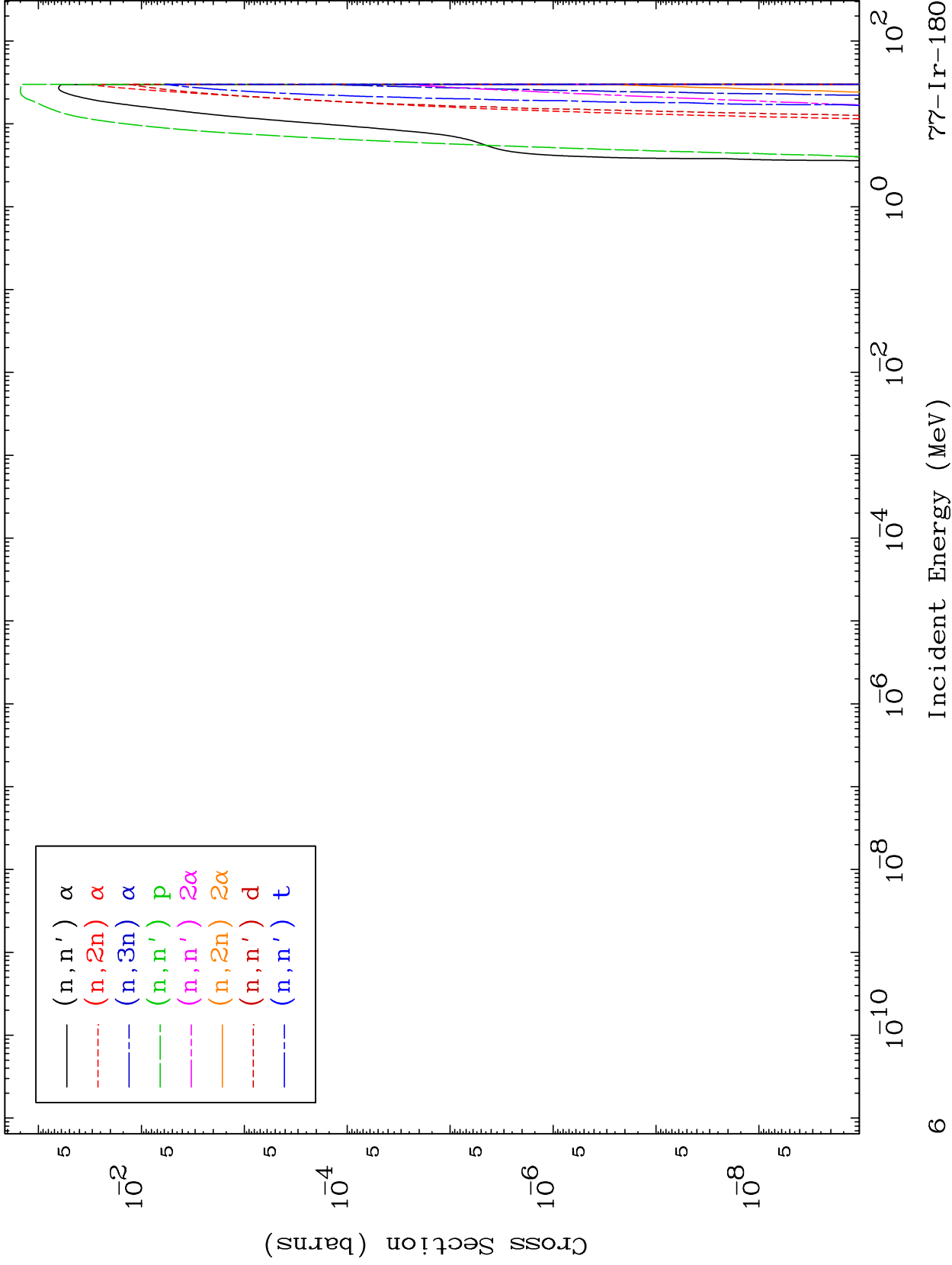




MAT 7692

Charged Particle  
293 Kelvin Cross Sections

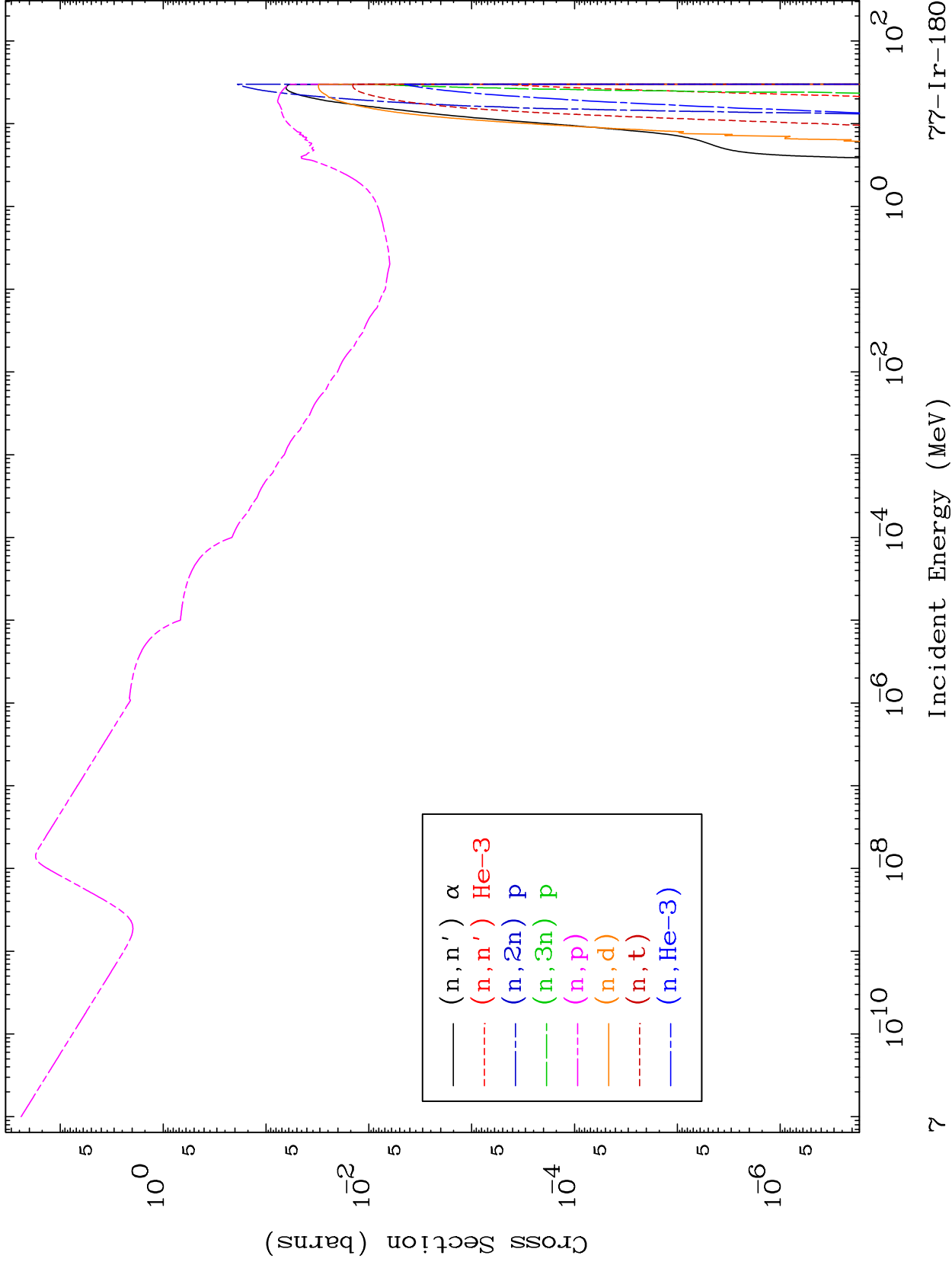
77-Ir-180



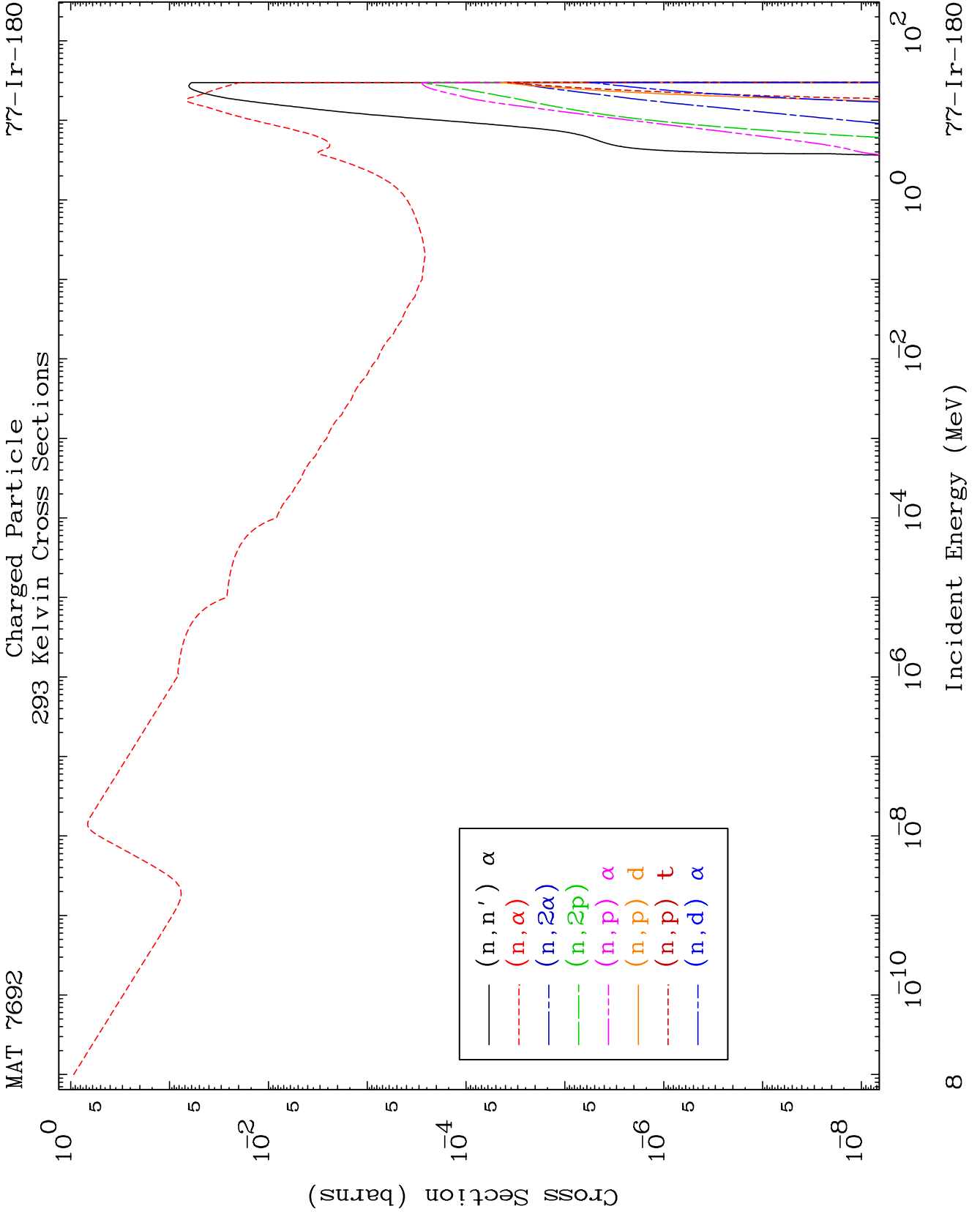
MAT 7692

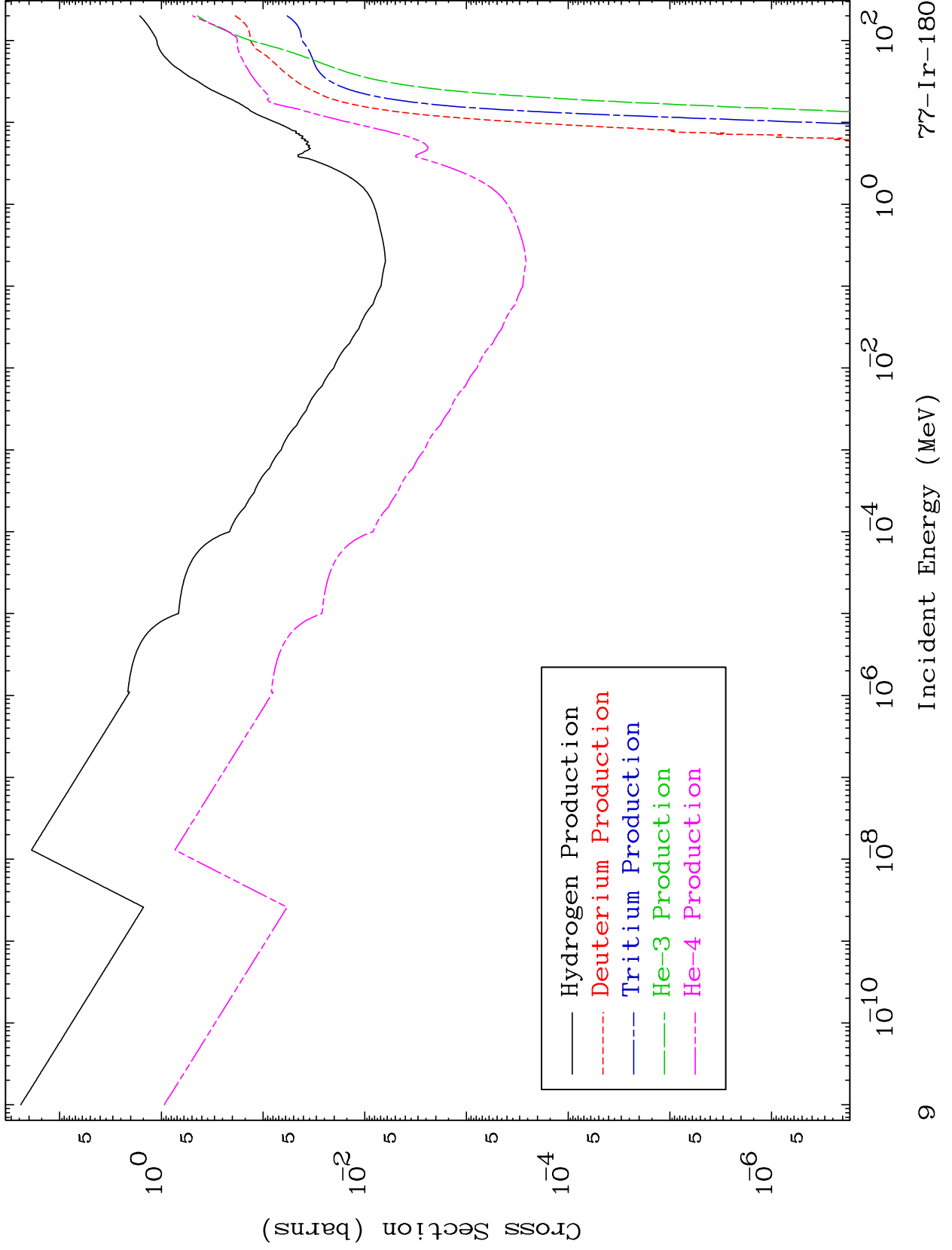
Charged Particle  
293 Kelvin Cross Sections

77-Ir-180





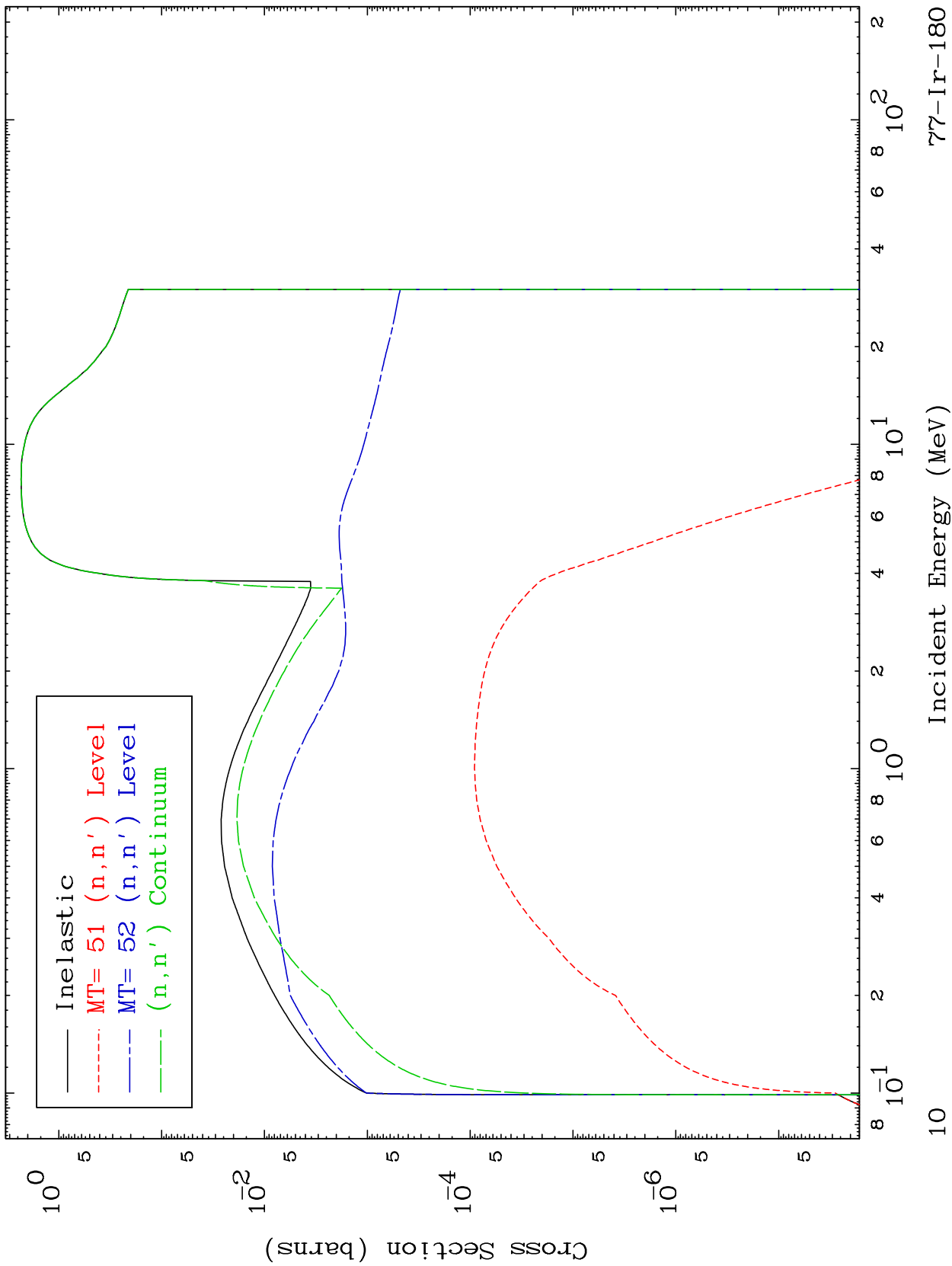




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293 Kelvin Cross Sections

77-Ir-180



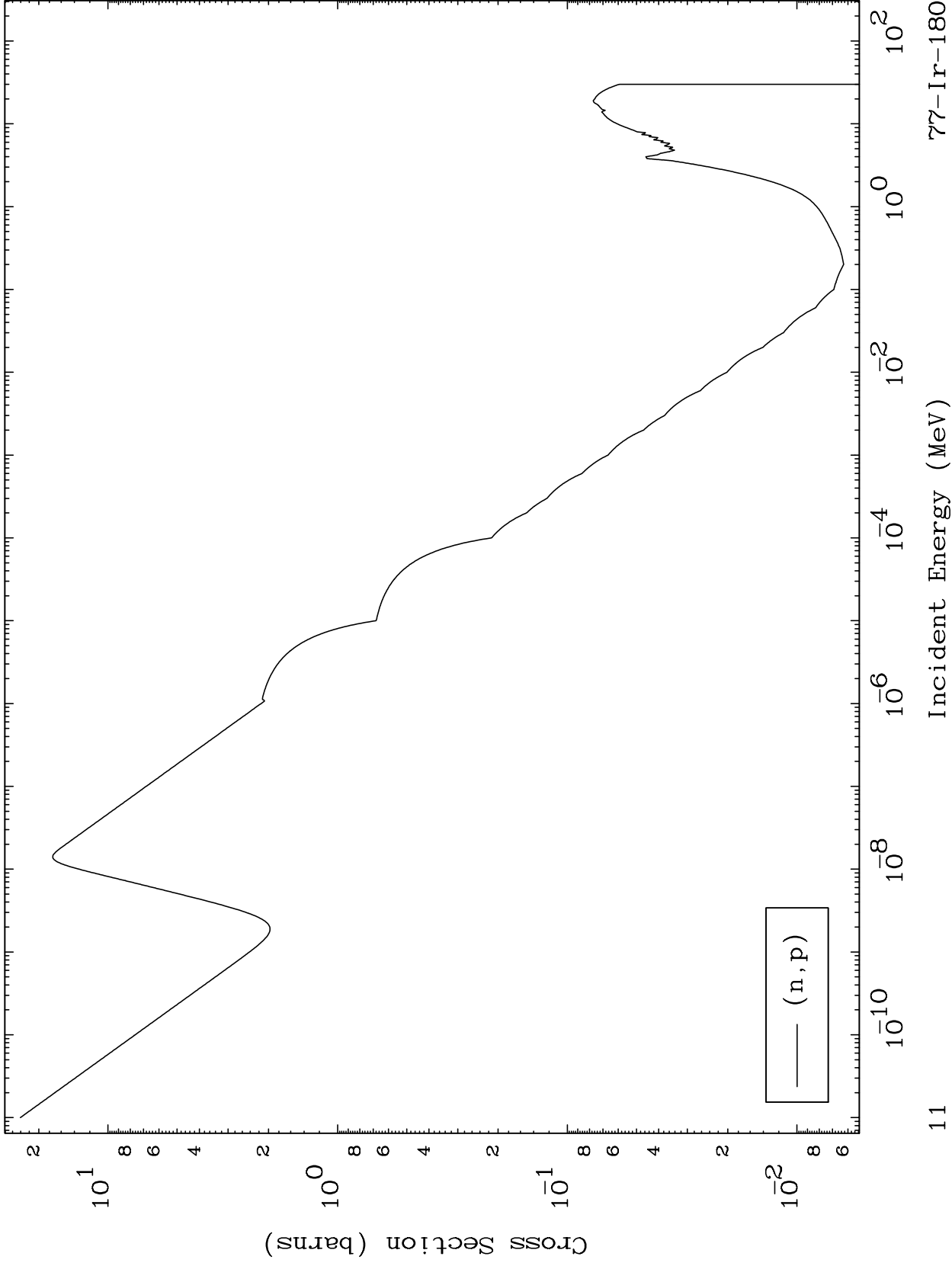
77-Ir-180

Incident Energy (MeV)

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(n,p) Levels  
293 Kelvin Cross Sections

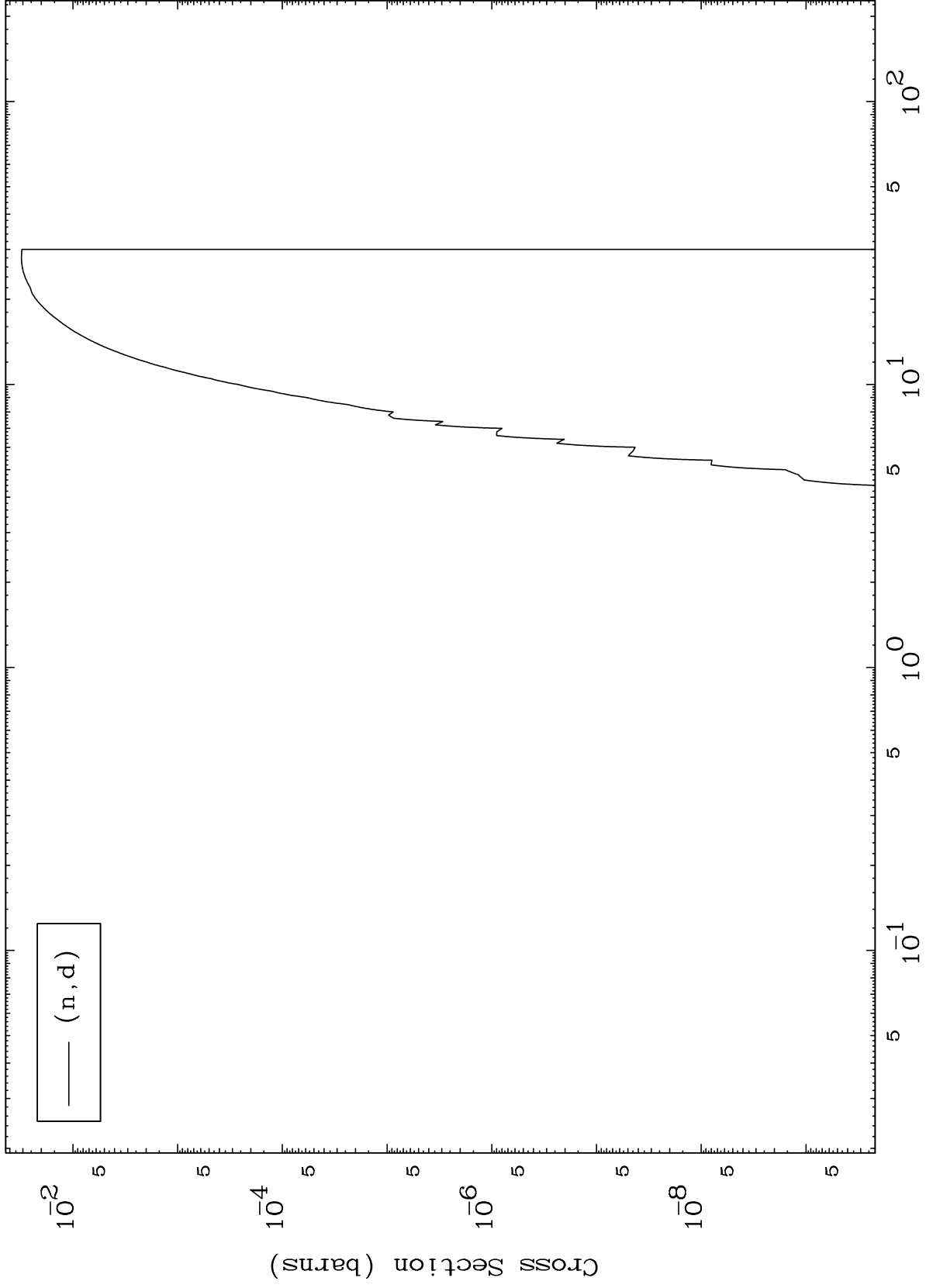
<sup>77</sup>Ir-180



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(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-180



(n,d)

12

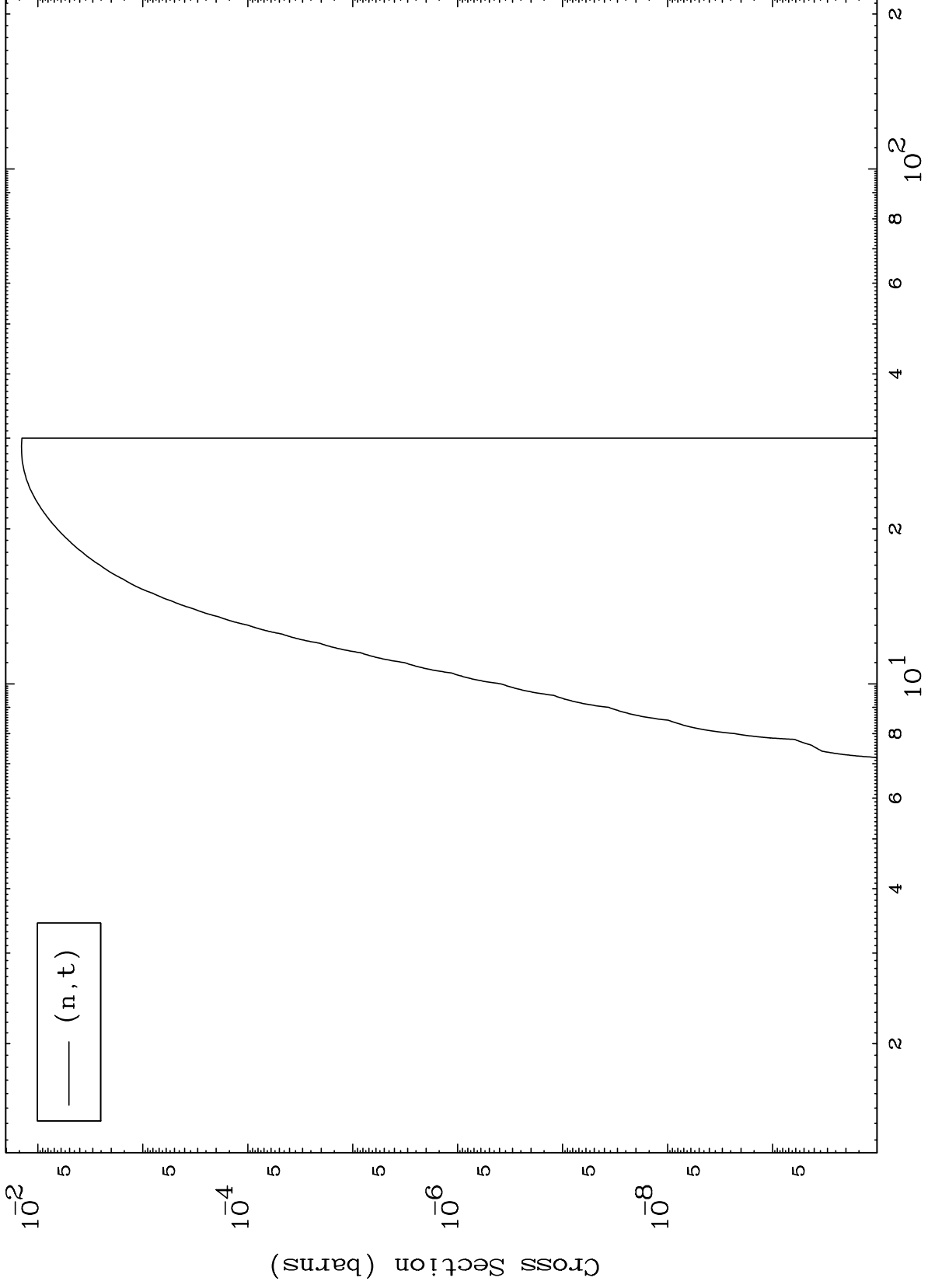
Incident Energy (MeV)

77-Ir-180

MAT 7692

(n,t) Levels  
293 Kelvin Cross Sections

<sup>77</sup>Ir-180



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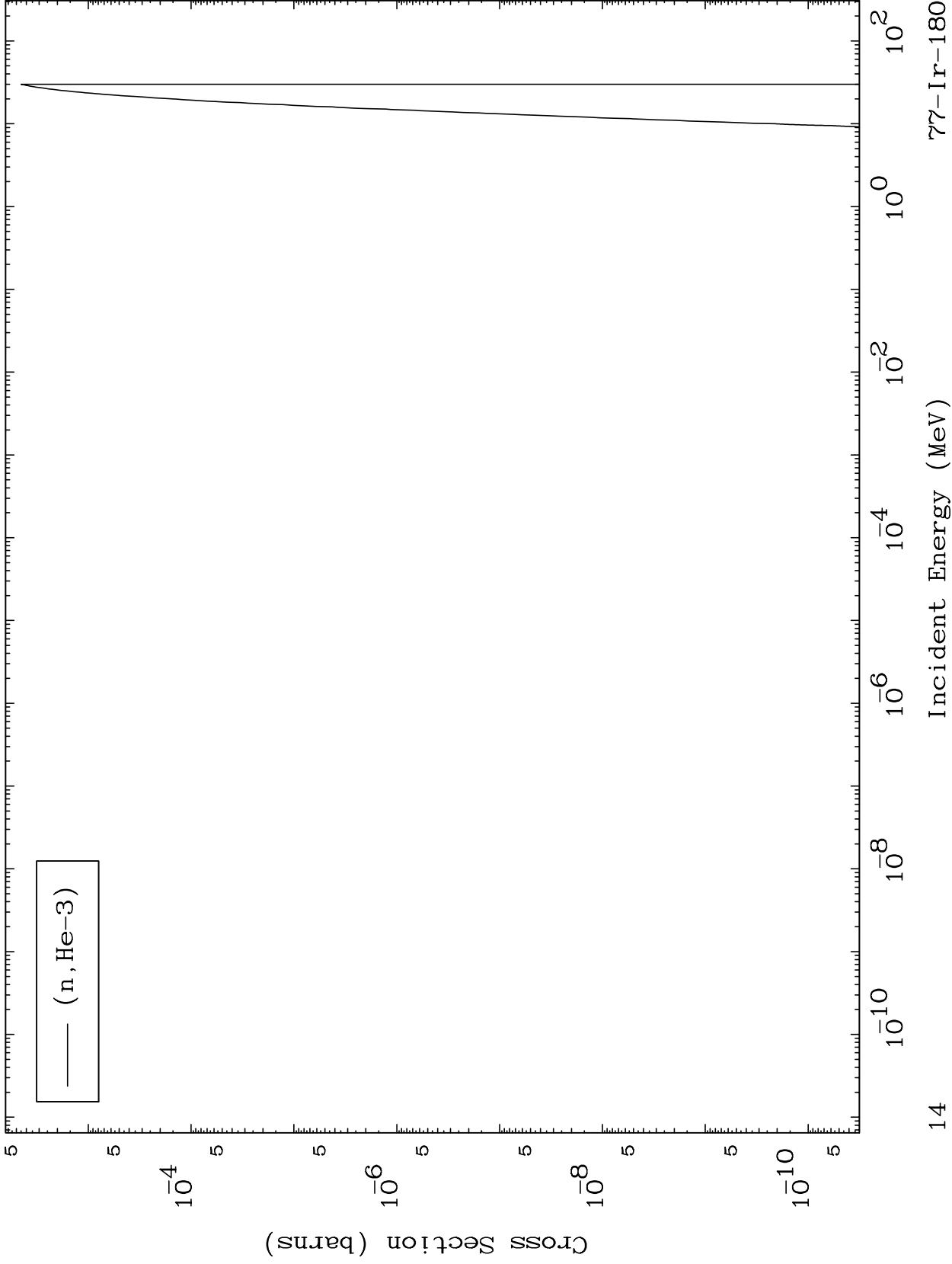
Incident Energy (MeV)

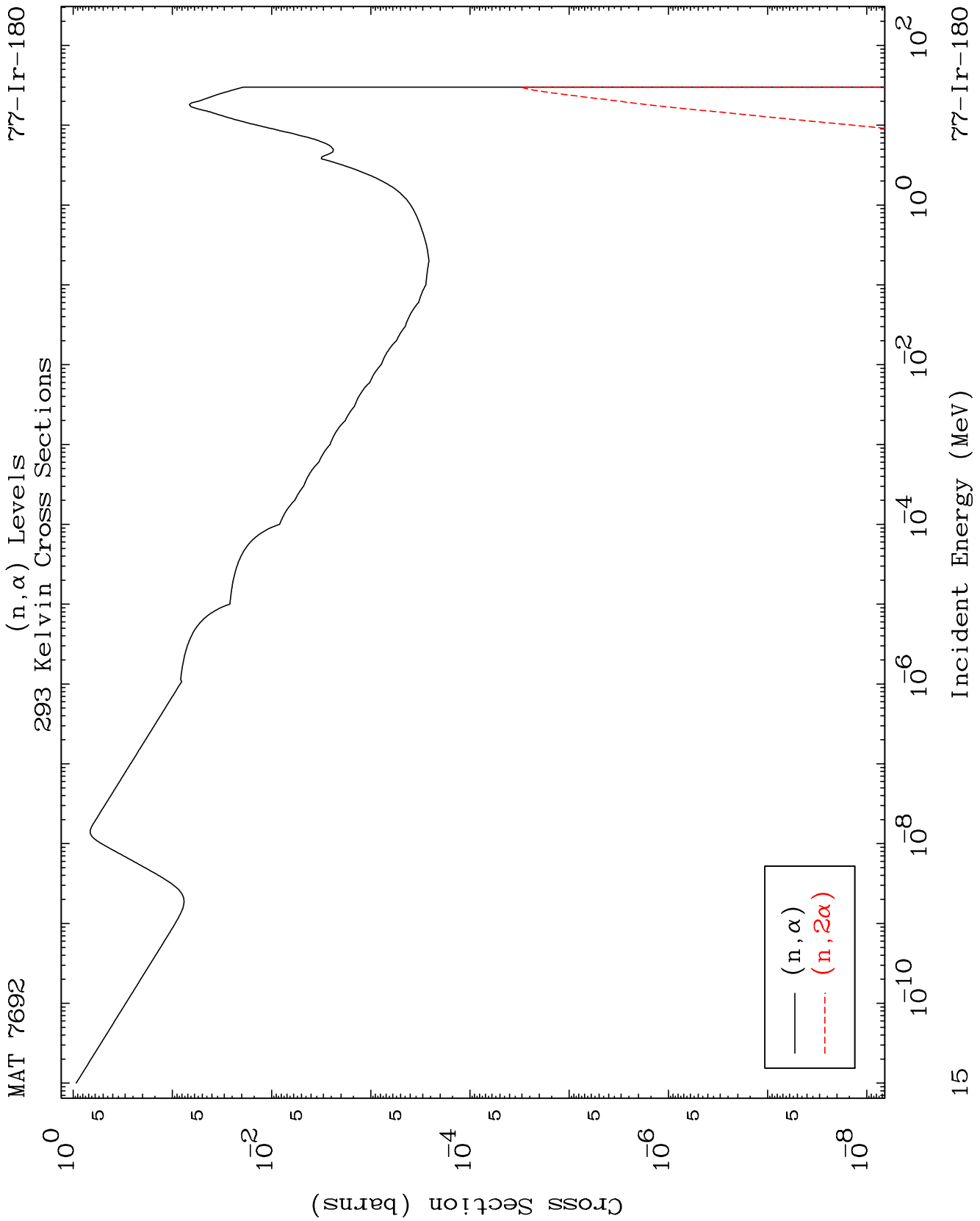
<sup>77</sup>Ir-180

MAT 7692

(n,He3) Levels  
293 Kelvin Cross Sections

<sup>77</sup>Ir-180



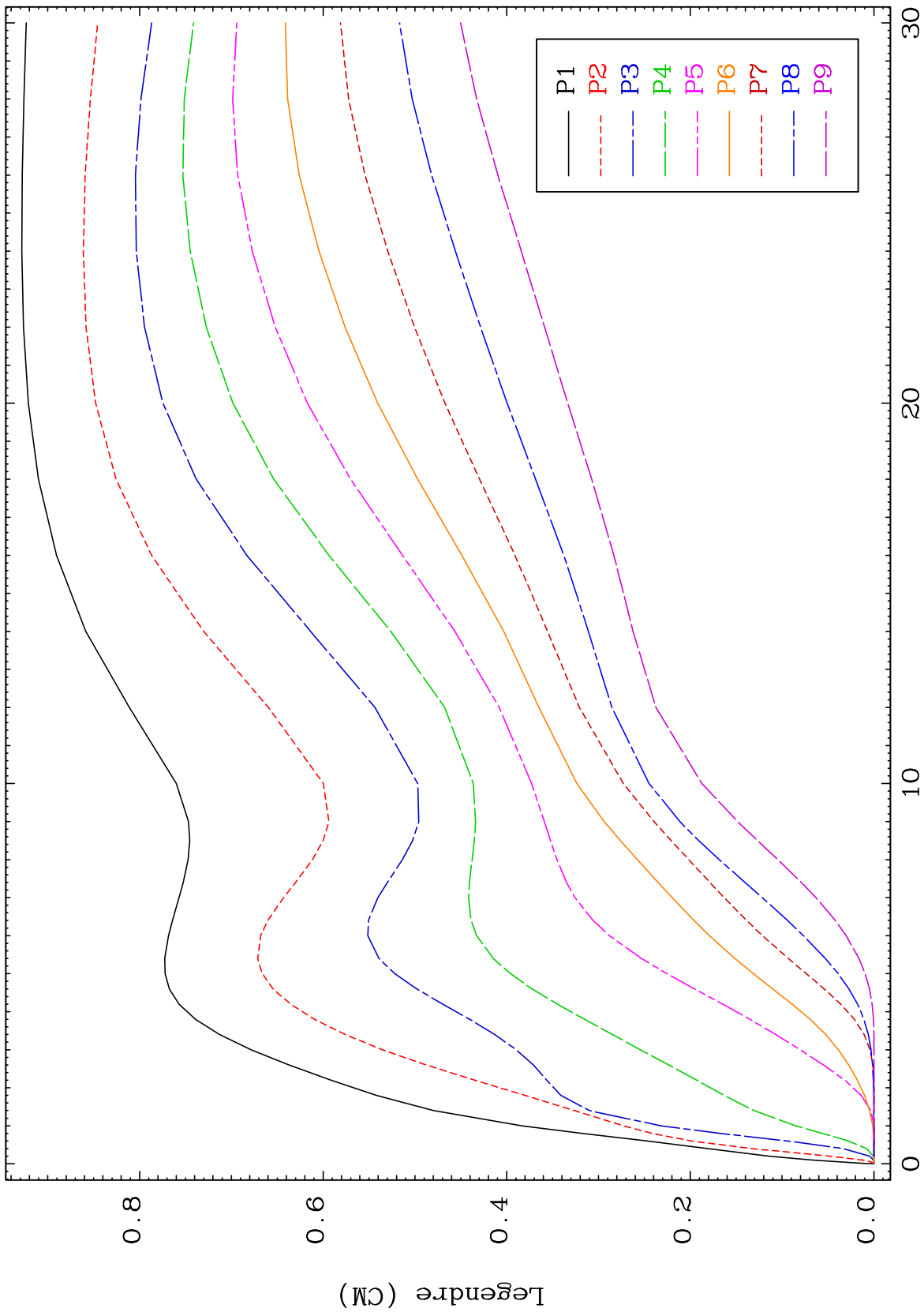




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Elastic Legendre Coefficients

<sup>77</sup>Ir-180



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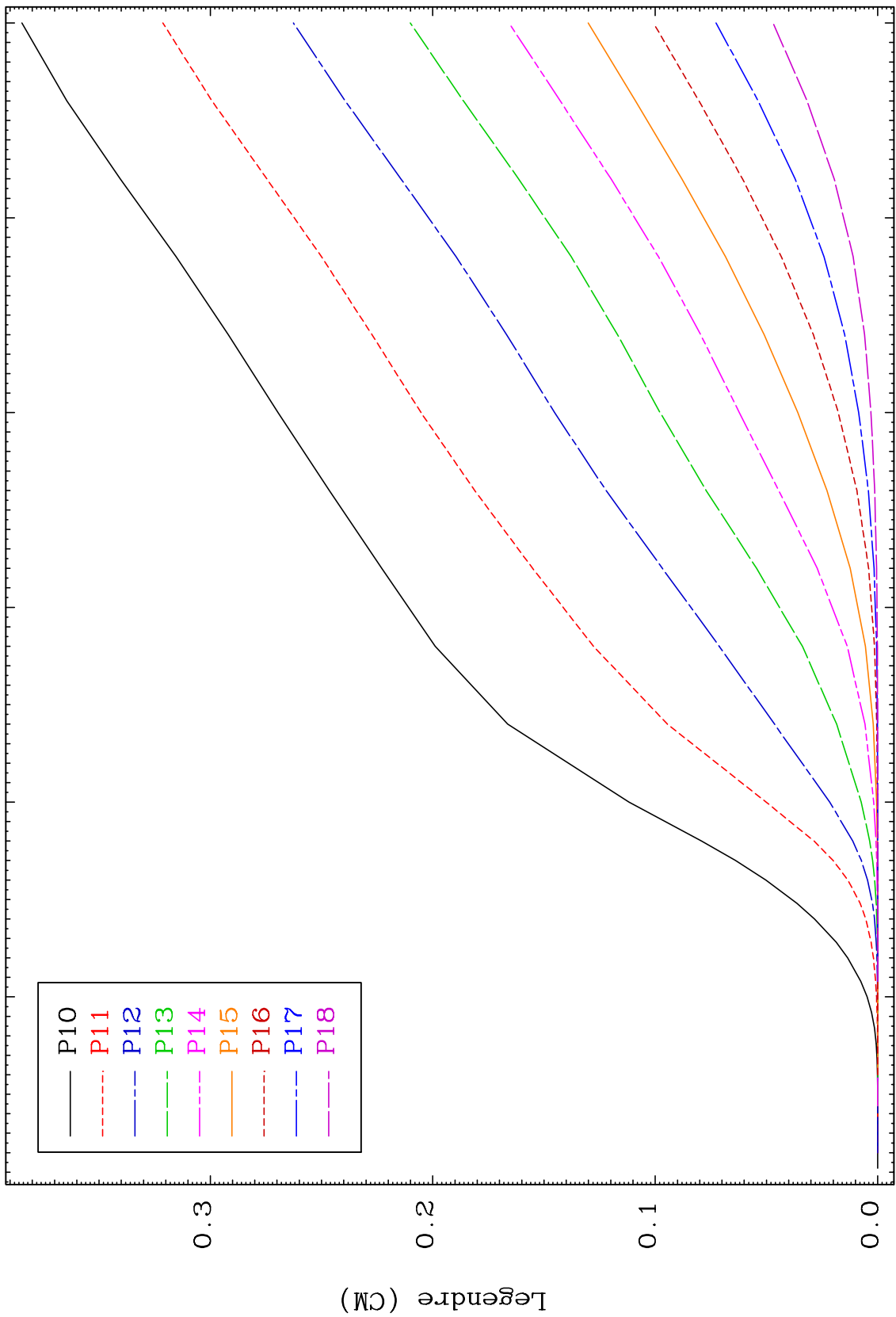
Incident Energy (MeV)

<sup>77</sup>Ir-180

MAT 7692

Elastic Legendre Coefficients

<sup>77</sup>Ir-180



17

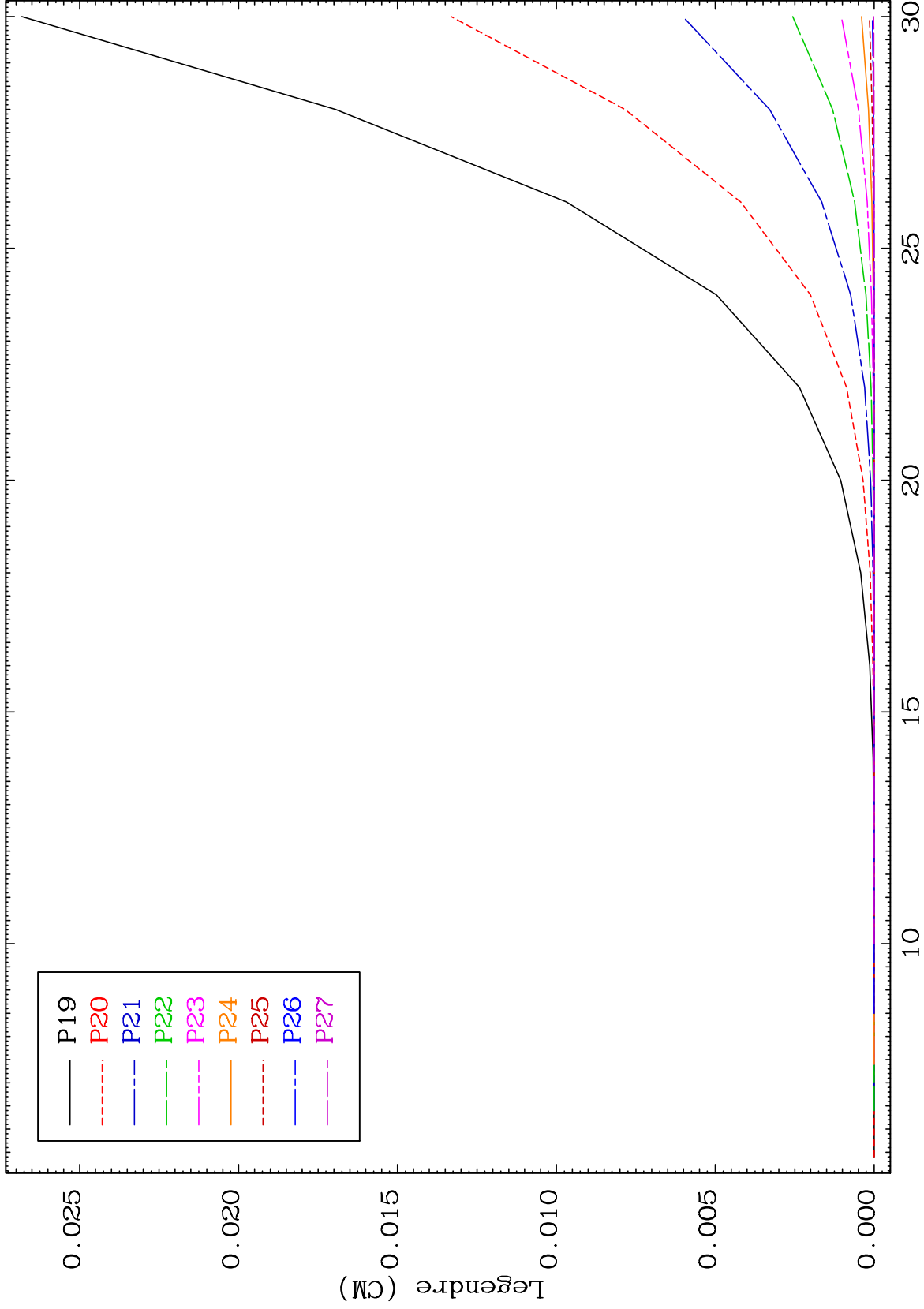
Incident Energy (MeV)

<sup>77</sup>Ir-180

MAT 7692

### Elastic Legendre Coefficients

<sup>77</sup>Ir-180



18

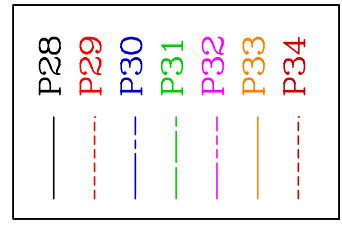
Incident Energy (MeV)

<sup>77</sup>Ir-180

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Elastic Legendre Coefficients

<sup>77</sup>Ir-180



$\times 10^{-6}$

Legendre (CM)

10

15

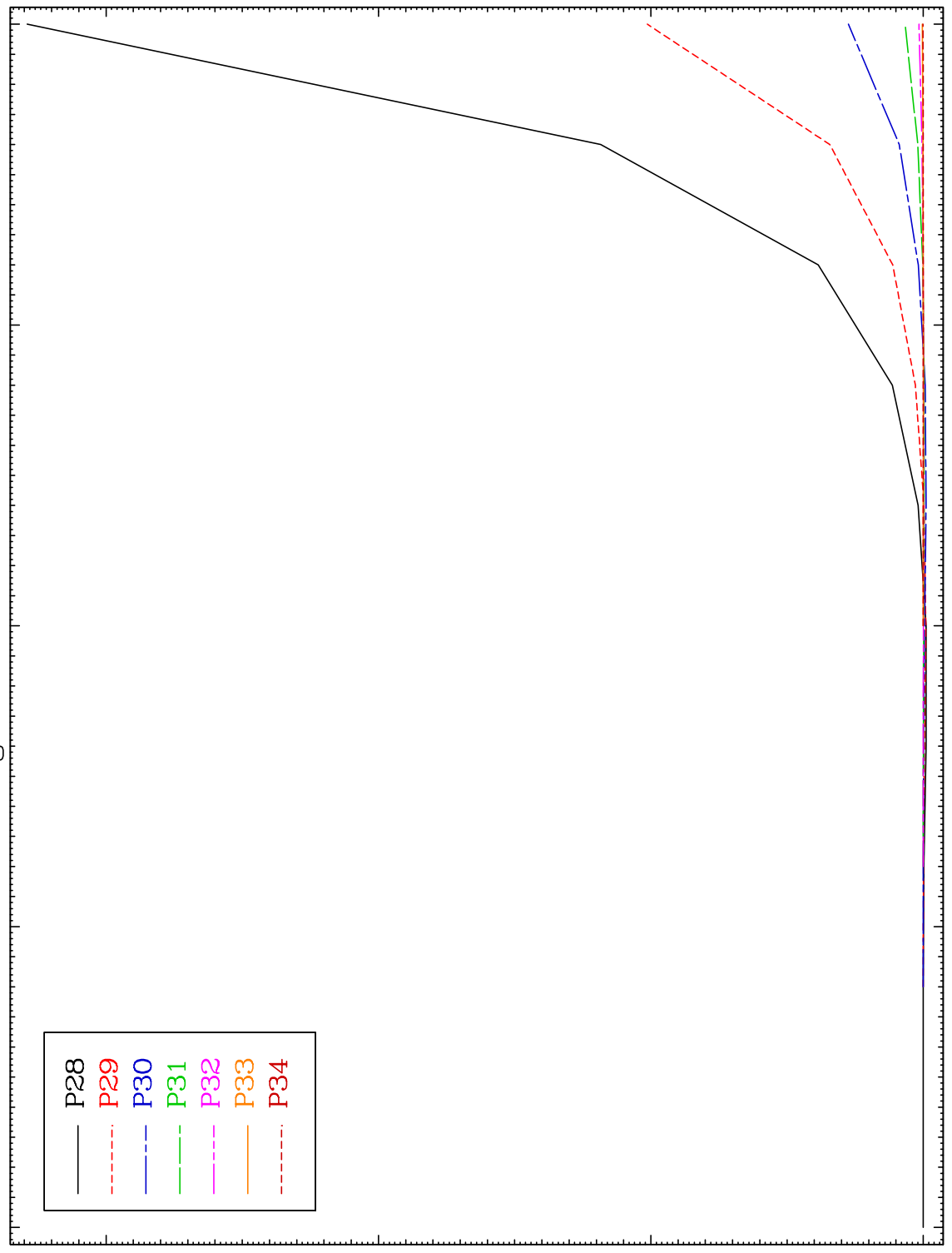
20

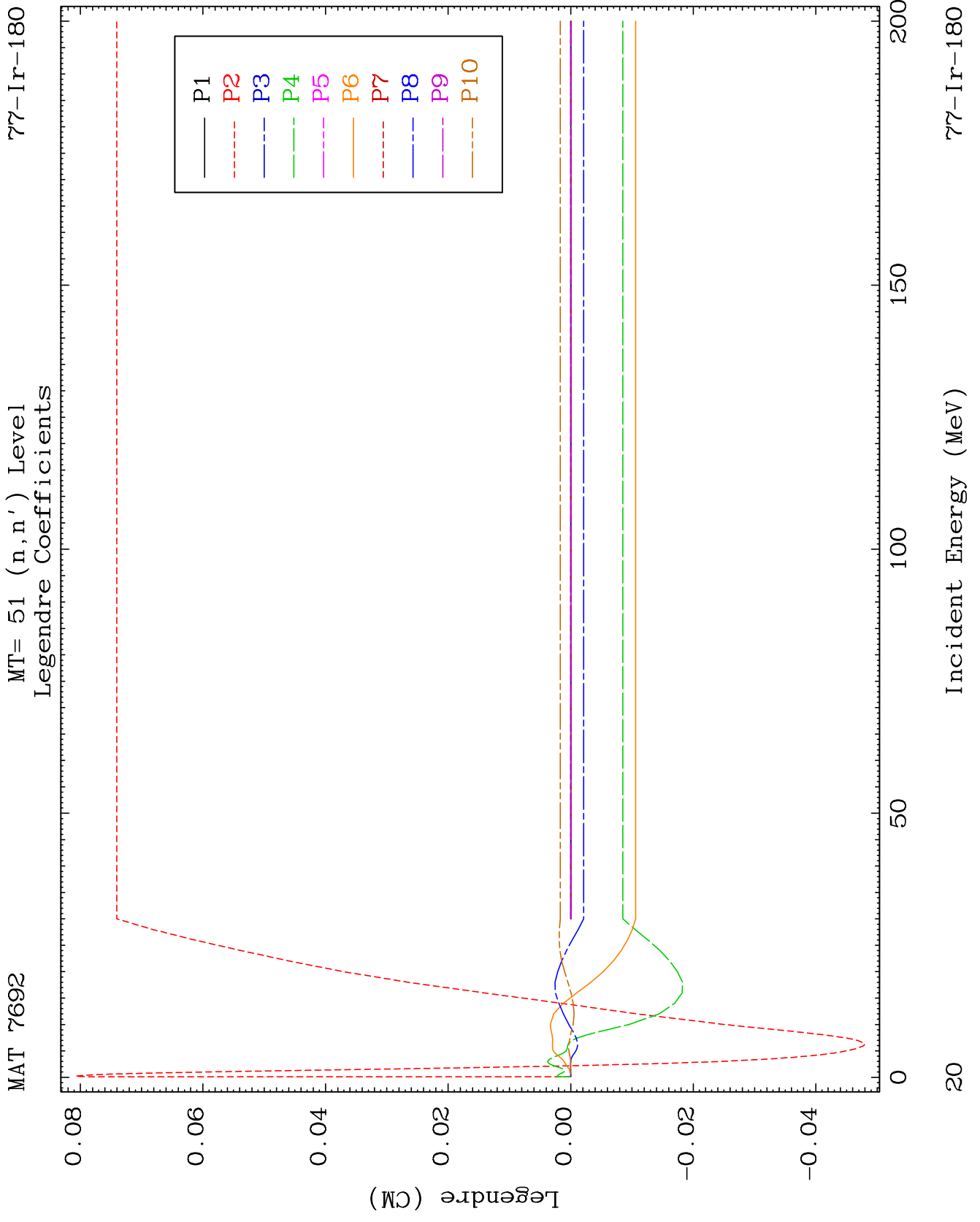
25

30

Incident Energy (MeV)

<sup>77</sup>Ir-180

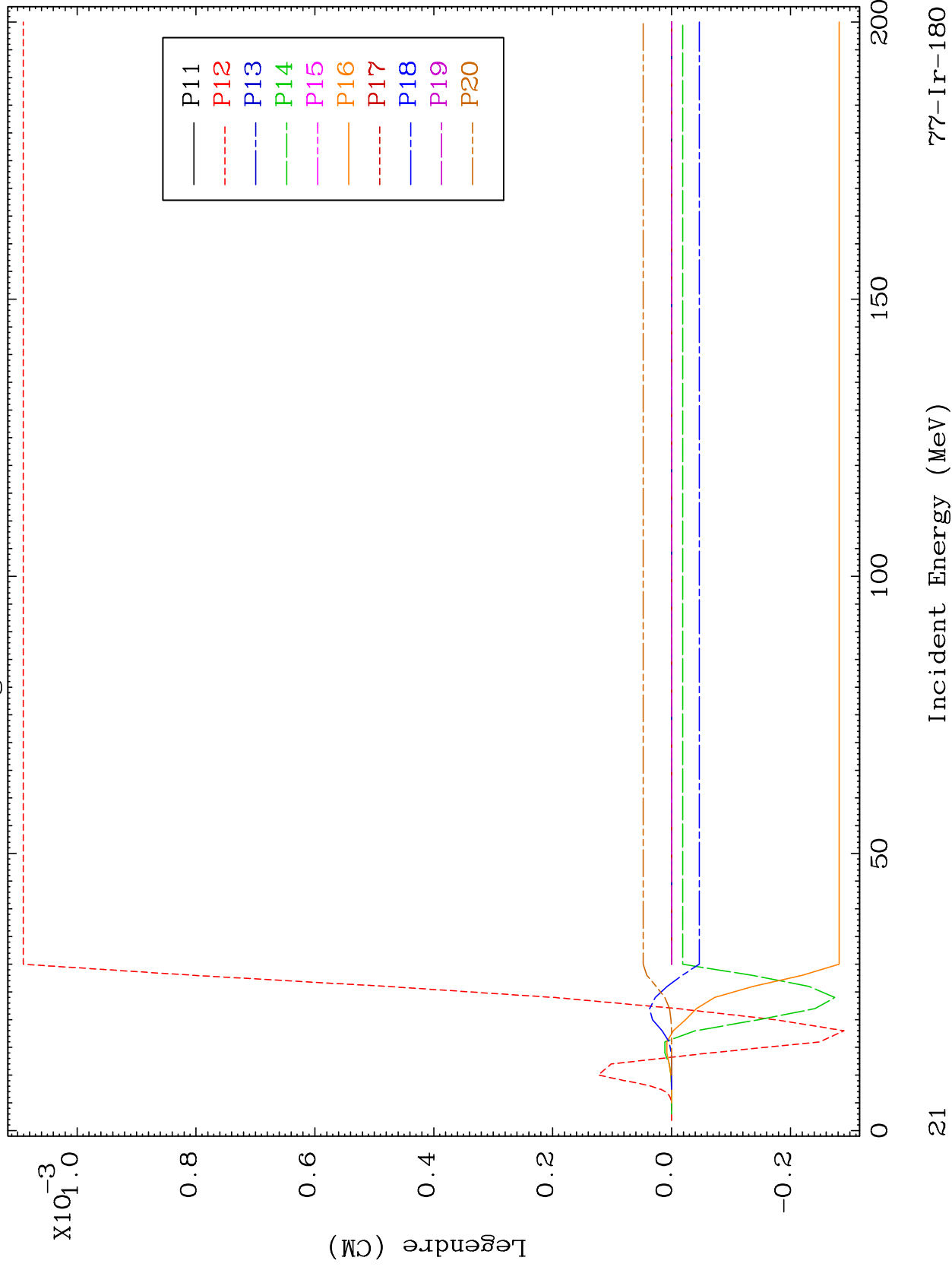




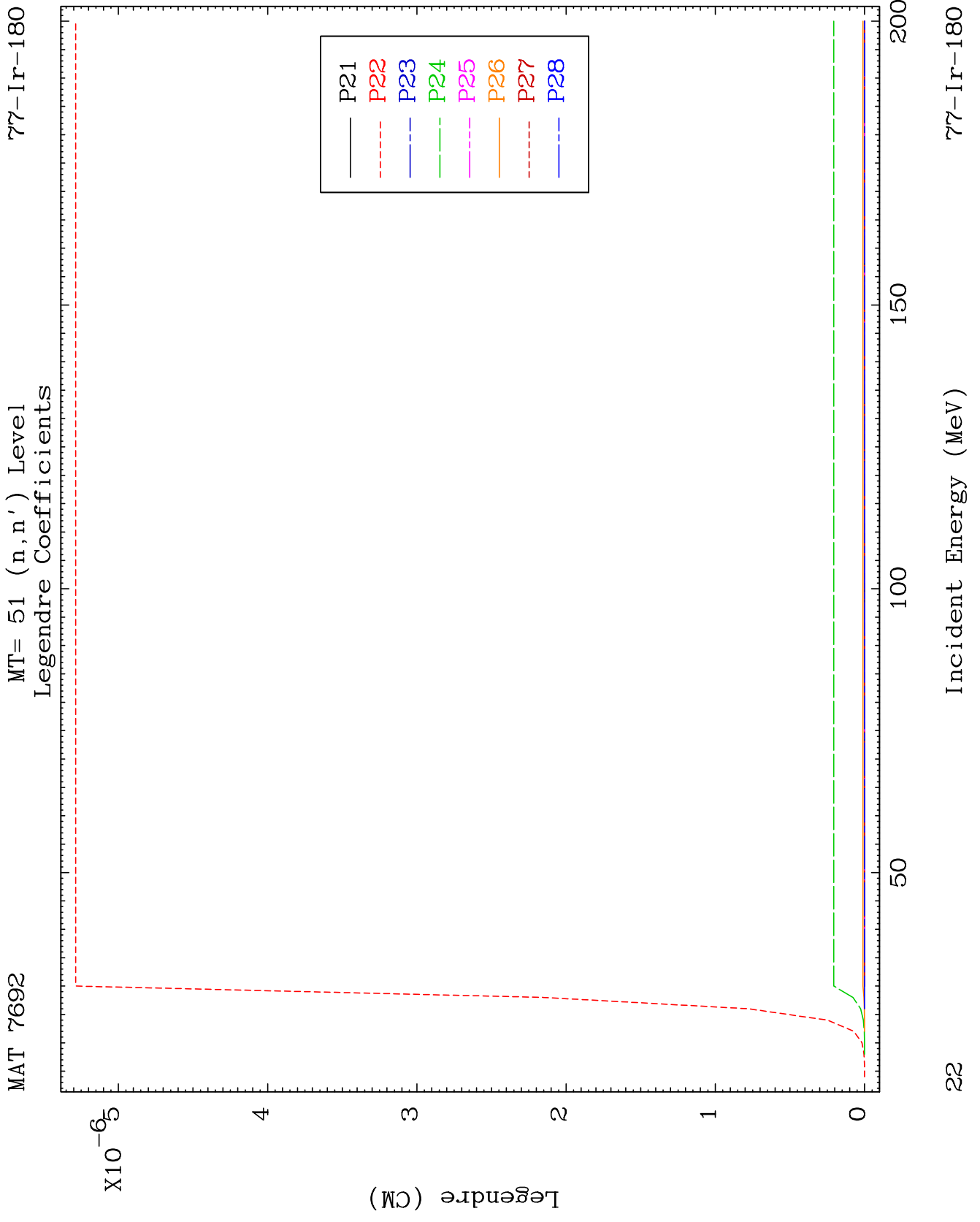
MAT 7692

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

77-Ir-180



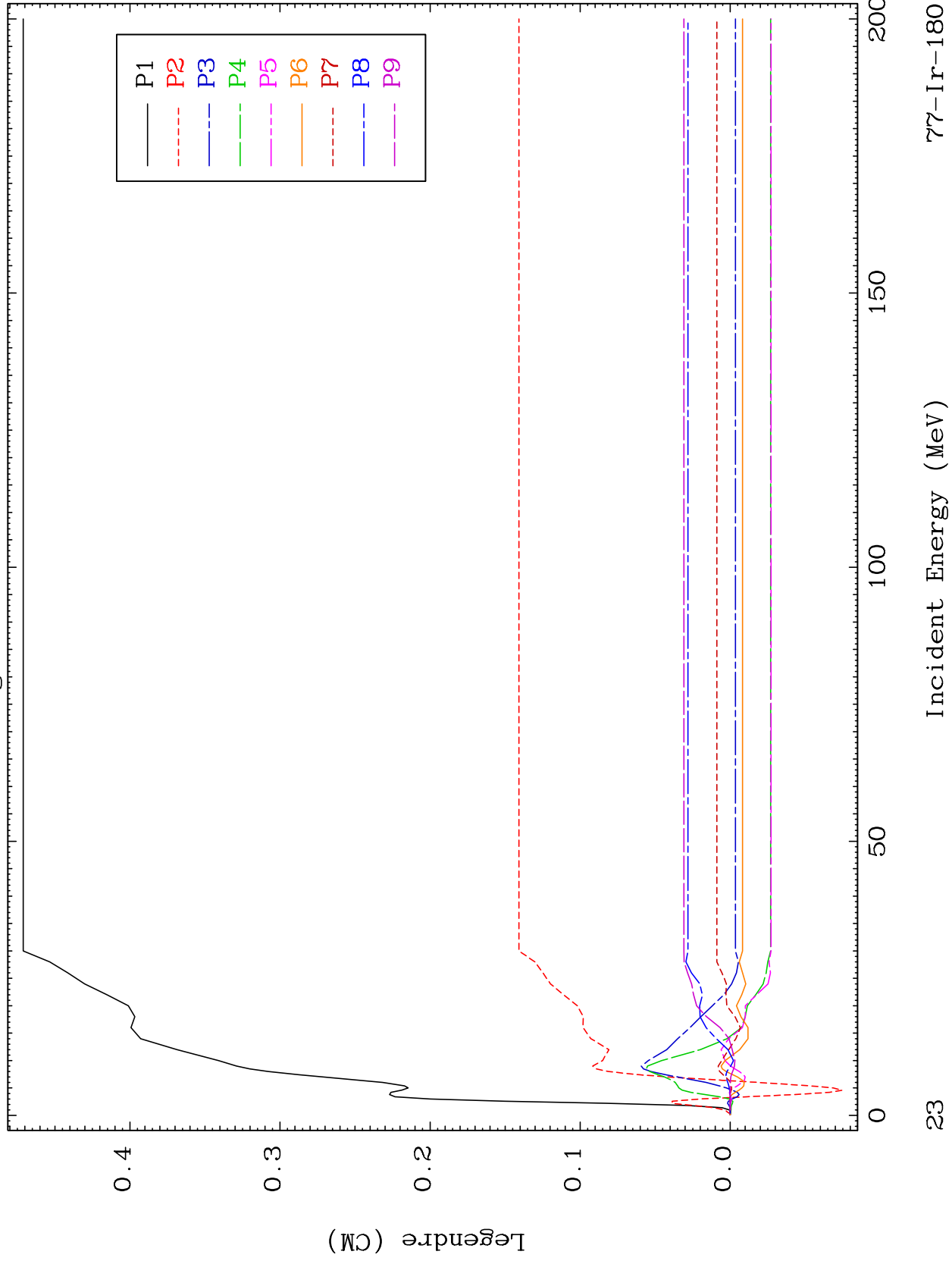
21



MAT 7692

MT= 52 (n,n') Level  
Legendre Coefficients

77-Ir-180



23

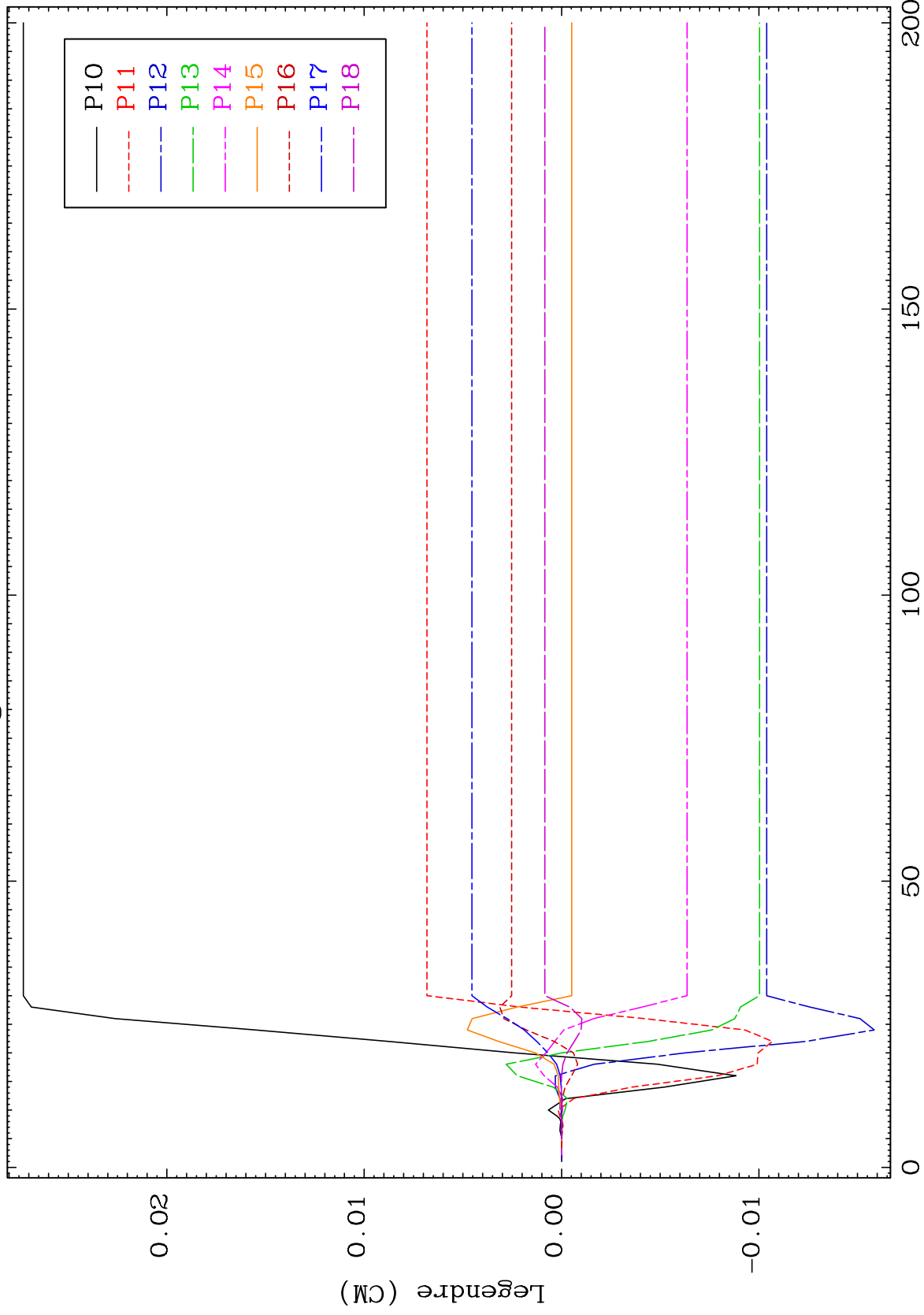
77-Ir-180



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MT= 52 (n,n') Level  
Legendre Coefficients

77-Ir-180



24

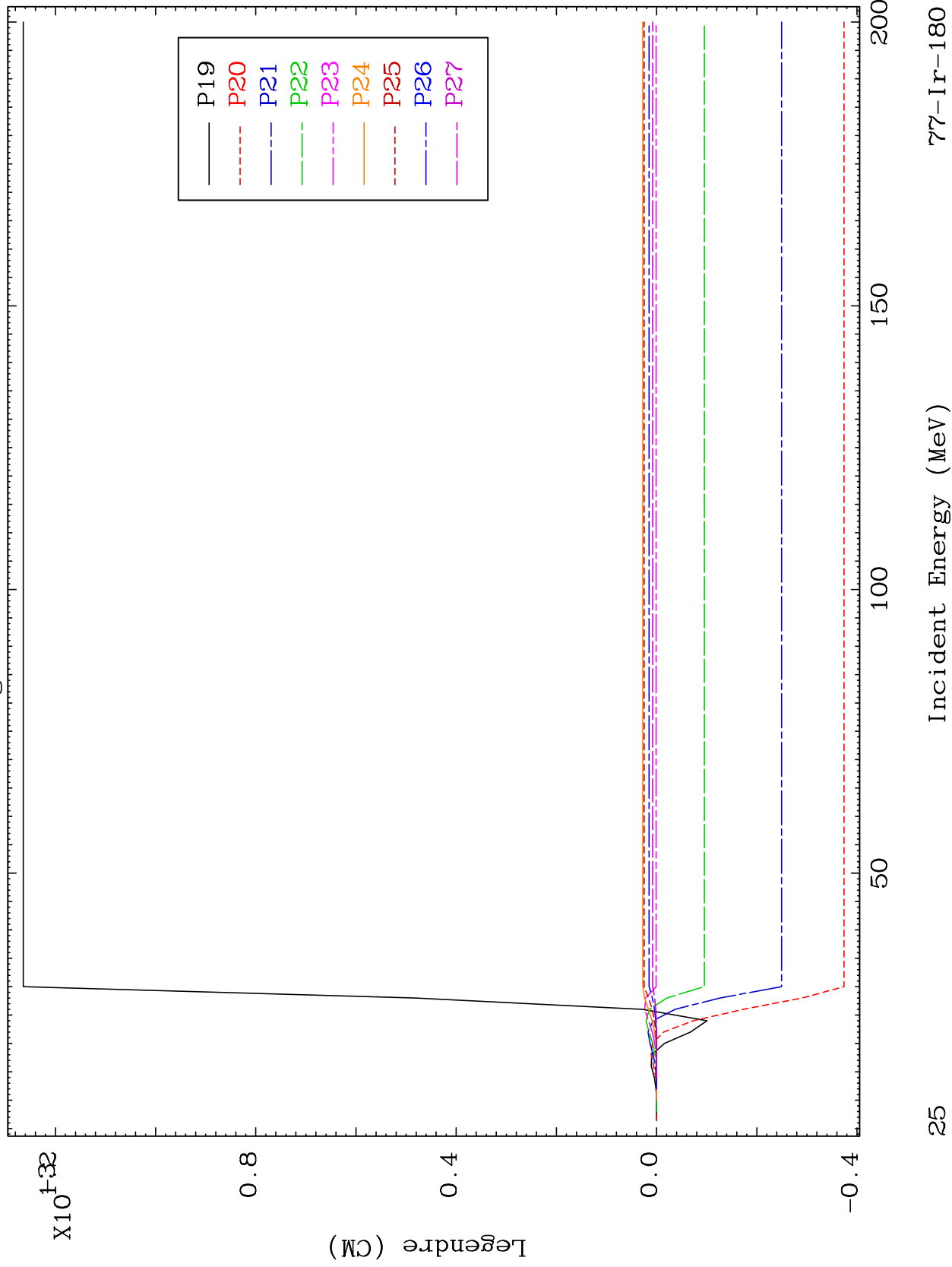
Incident Energy (MeV)

77-Ir-180

MAT 7692

MT= 52 (n,n') Level  
Legendre Coefficients

77-Ir-180



25

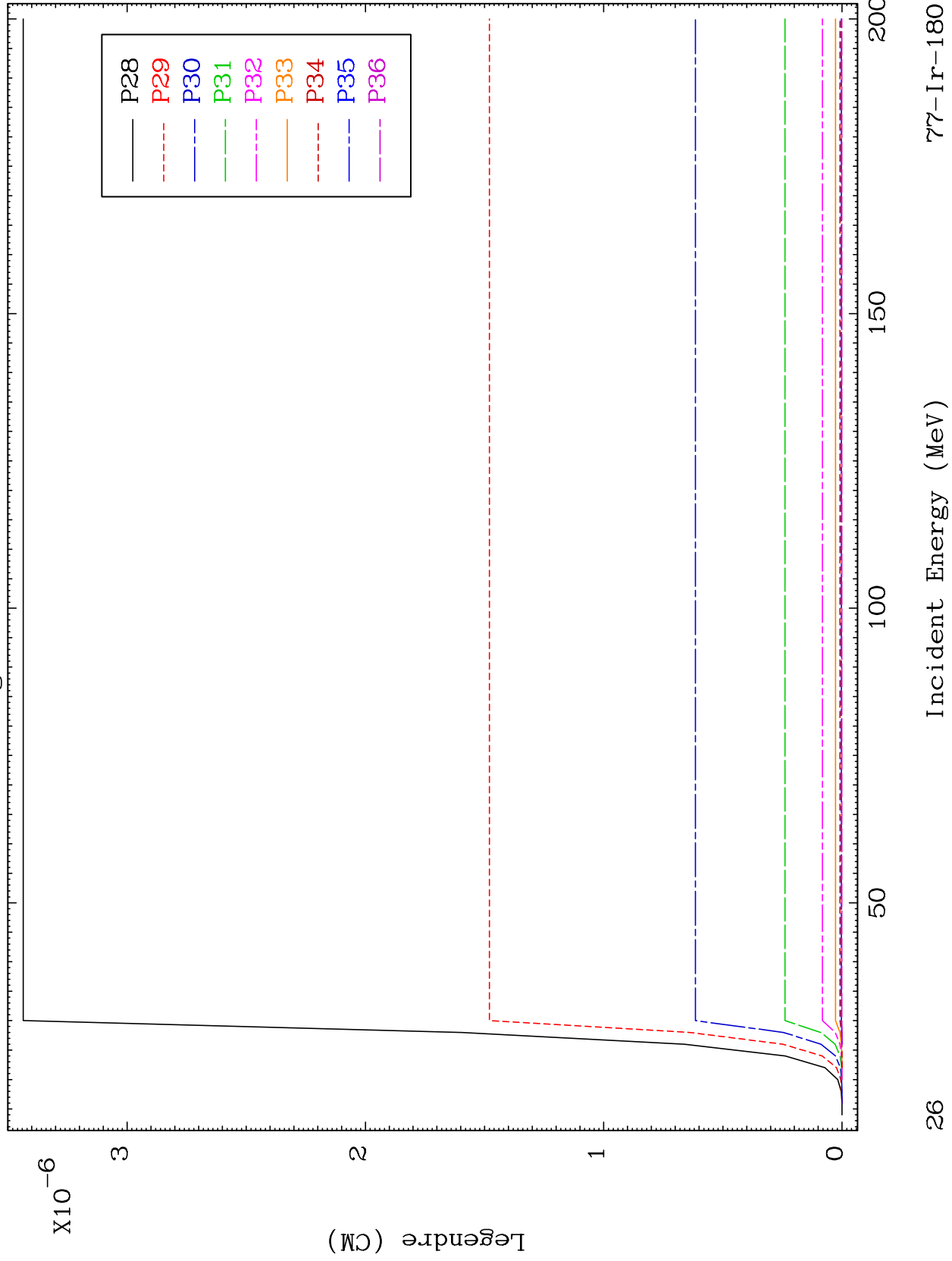
Incident Energy (MeV)

77-Ir-180

MAT 7692

MT= 52 (n,n') Level  
Legendre Coefficients

77-Ir-180



26

Incident Energy (MeV)

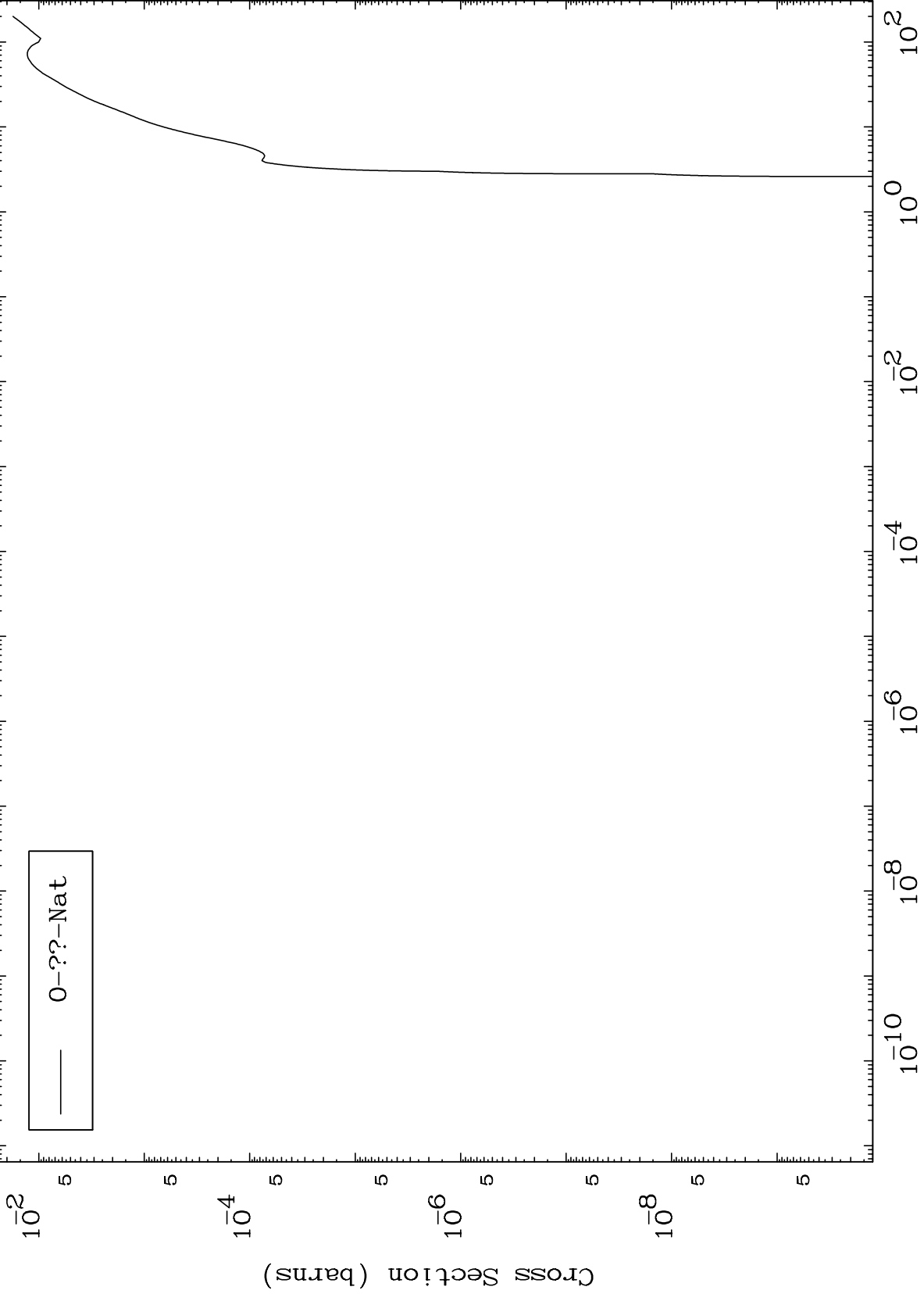
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Fission

<sup>77</sup>Ir-180

Radionuclide Production Cross Section



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Incident Energy (MeV)

<sup>77</sup>Ir-180

MAT 7692

(n,2n) 2 $\alpha$

<sup>77</sup>Ir-180

Radionuclide Production Cross Section

