

Program EVALPLOT
(Version 2021-1)

by

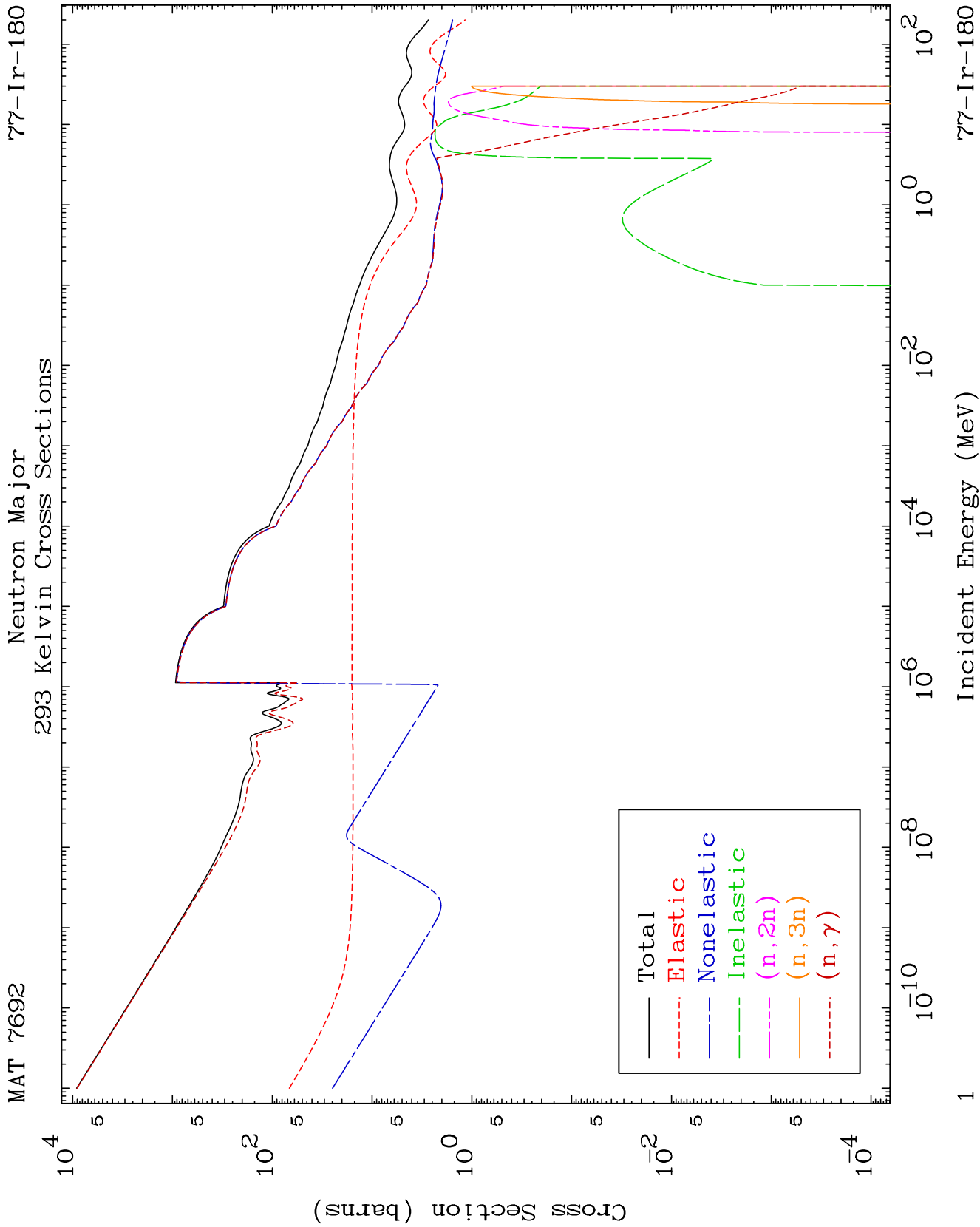
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

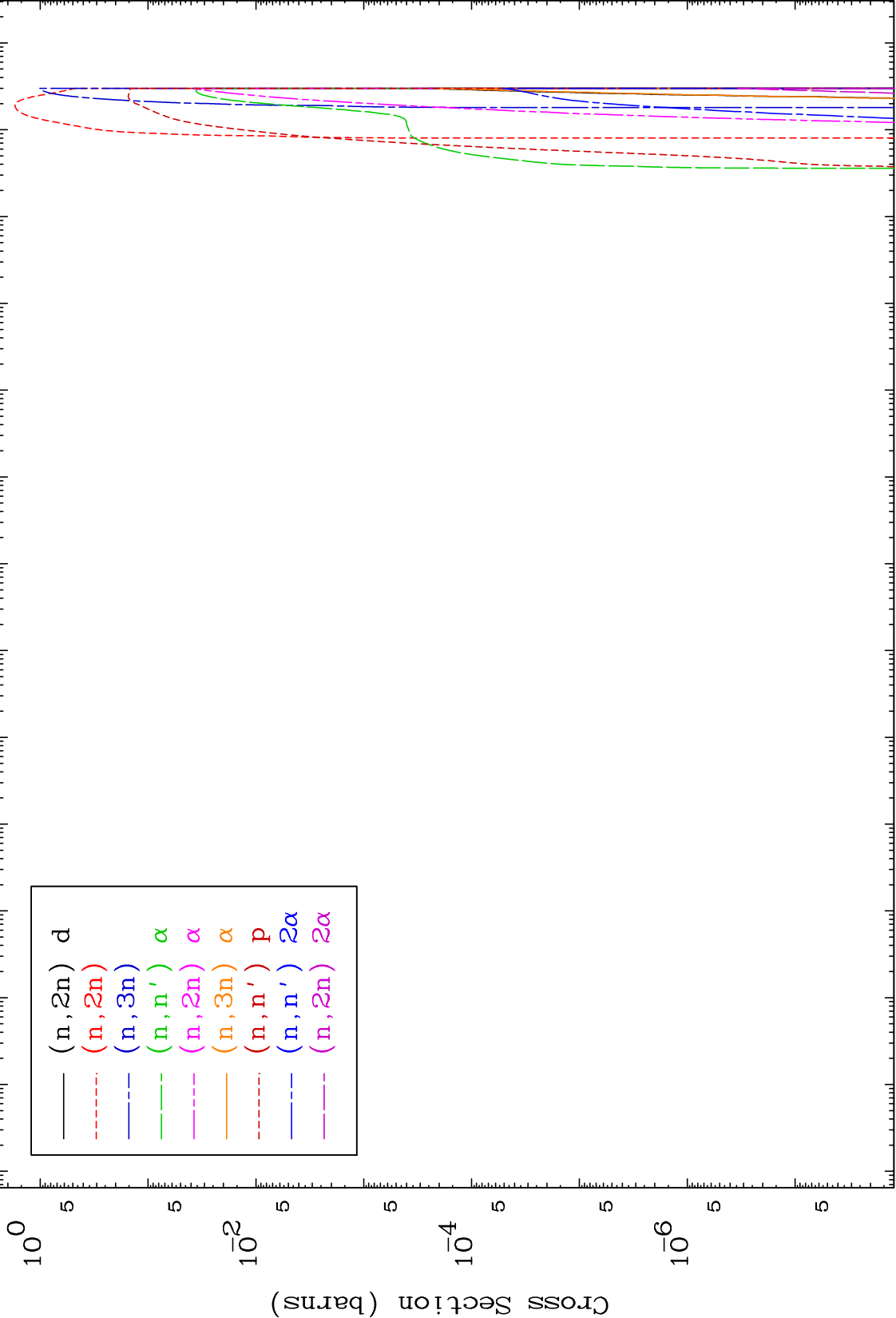
Press Mouse Button to Start

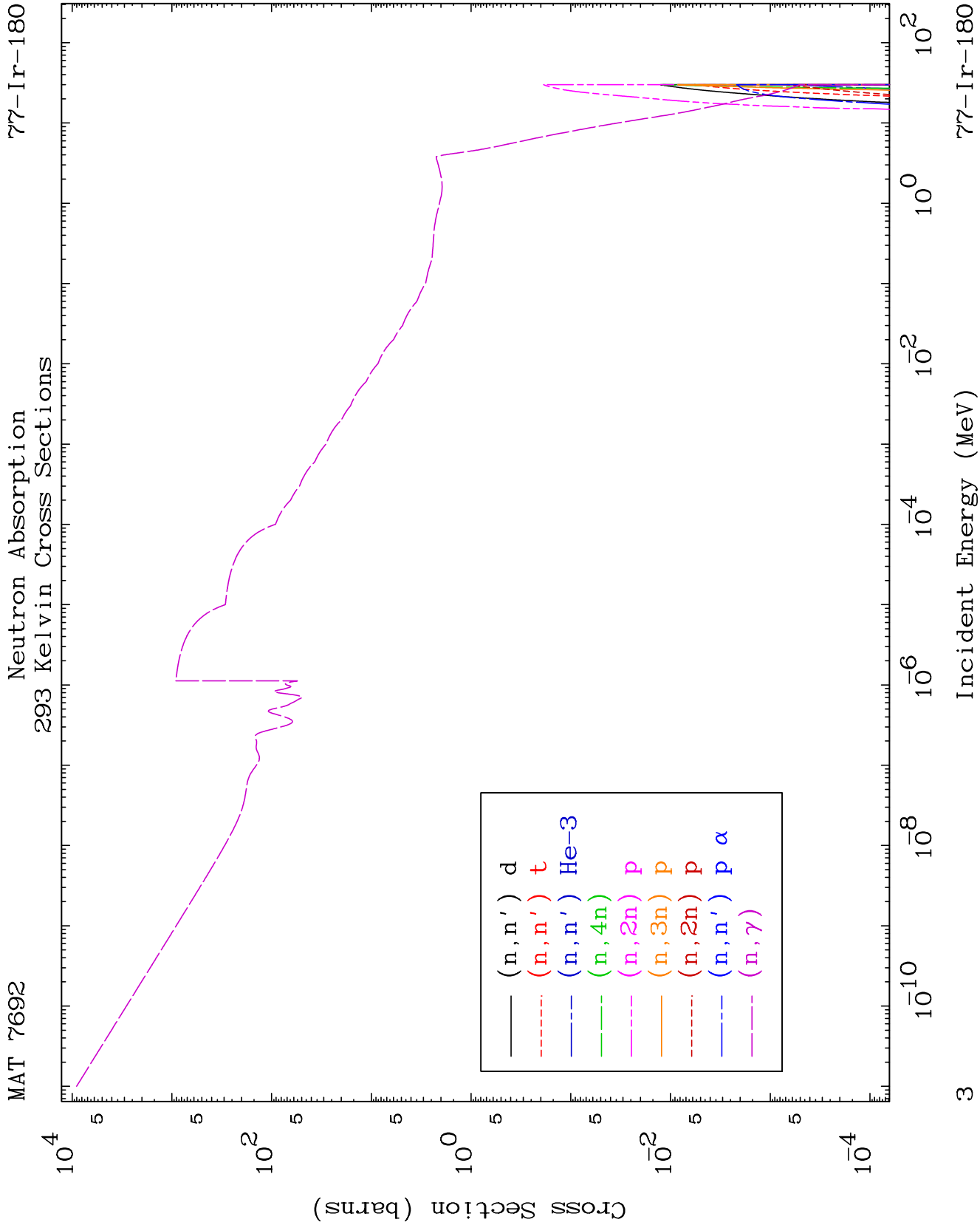


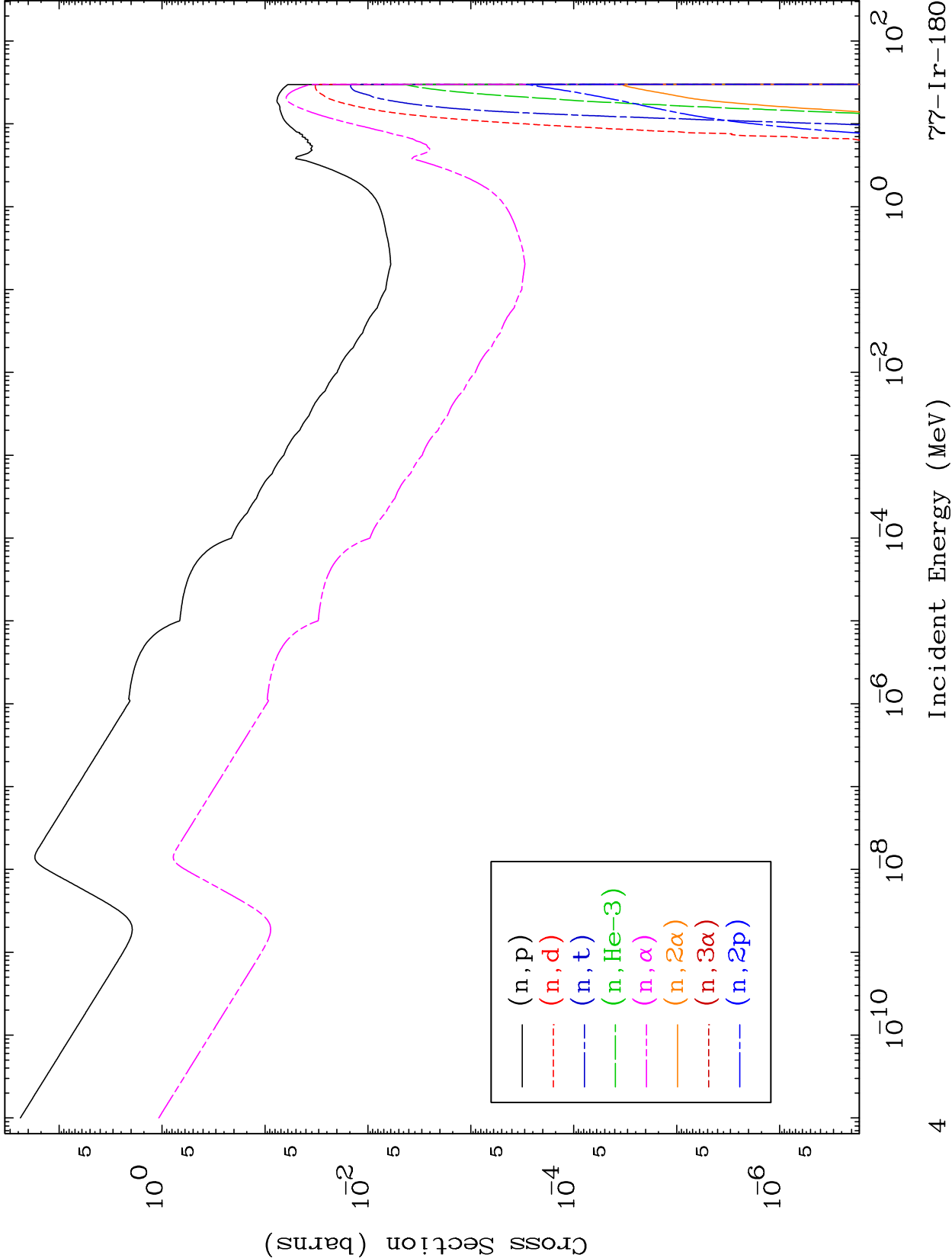
MAT 7692

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-180



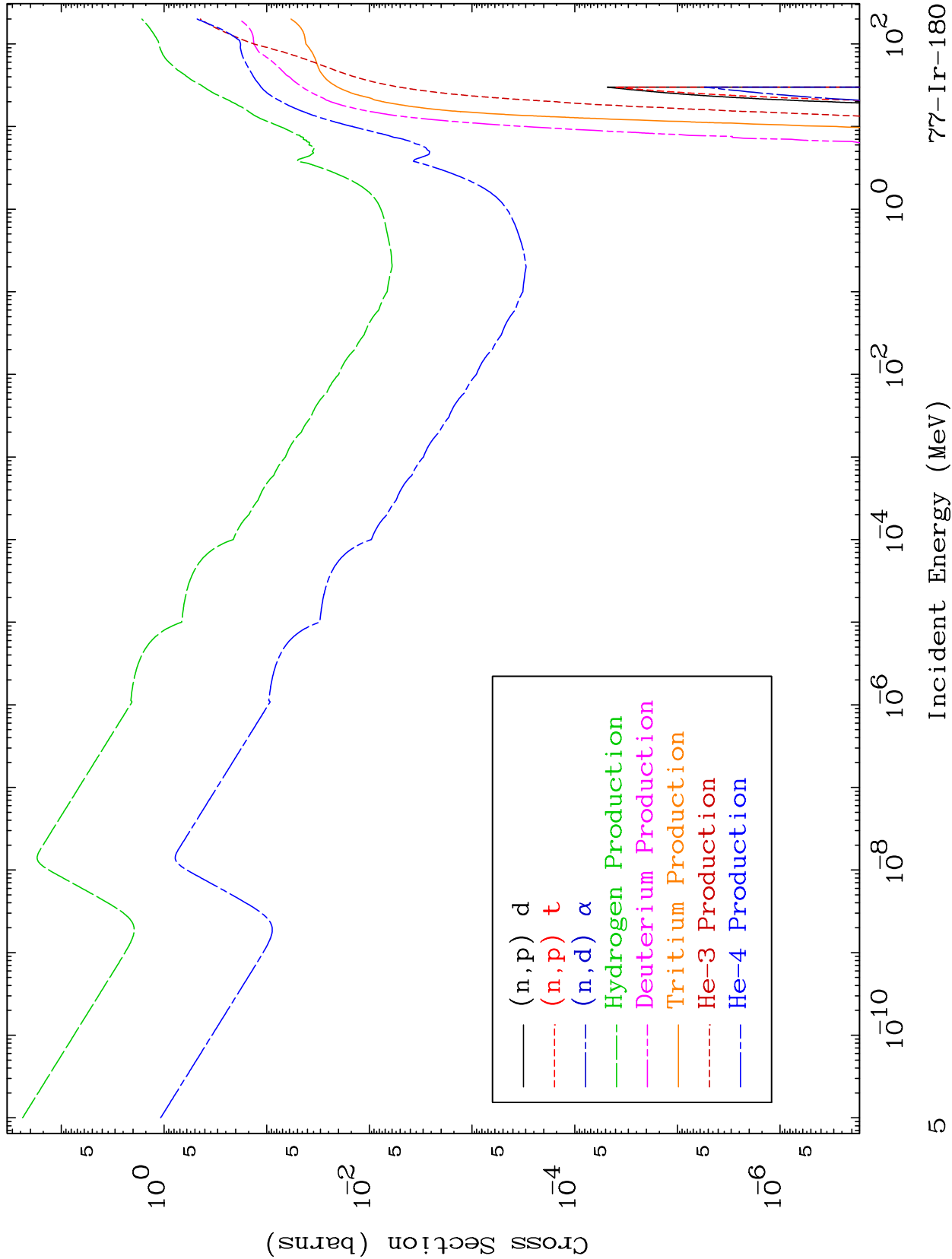


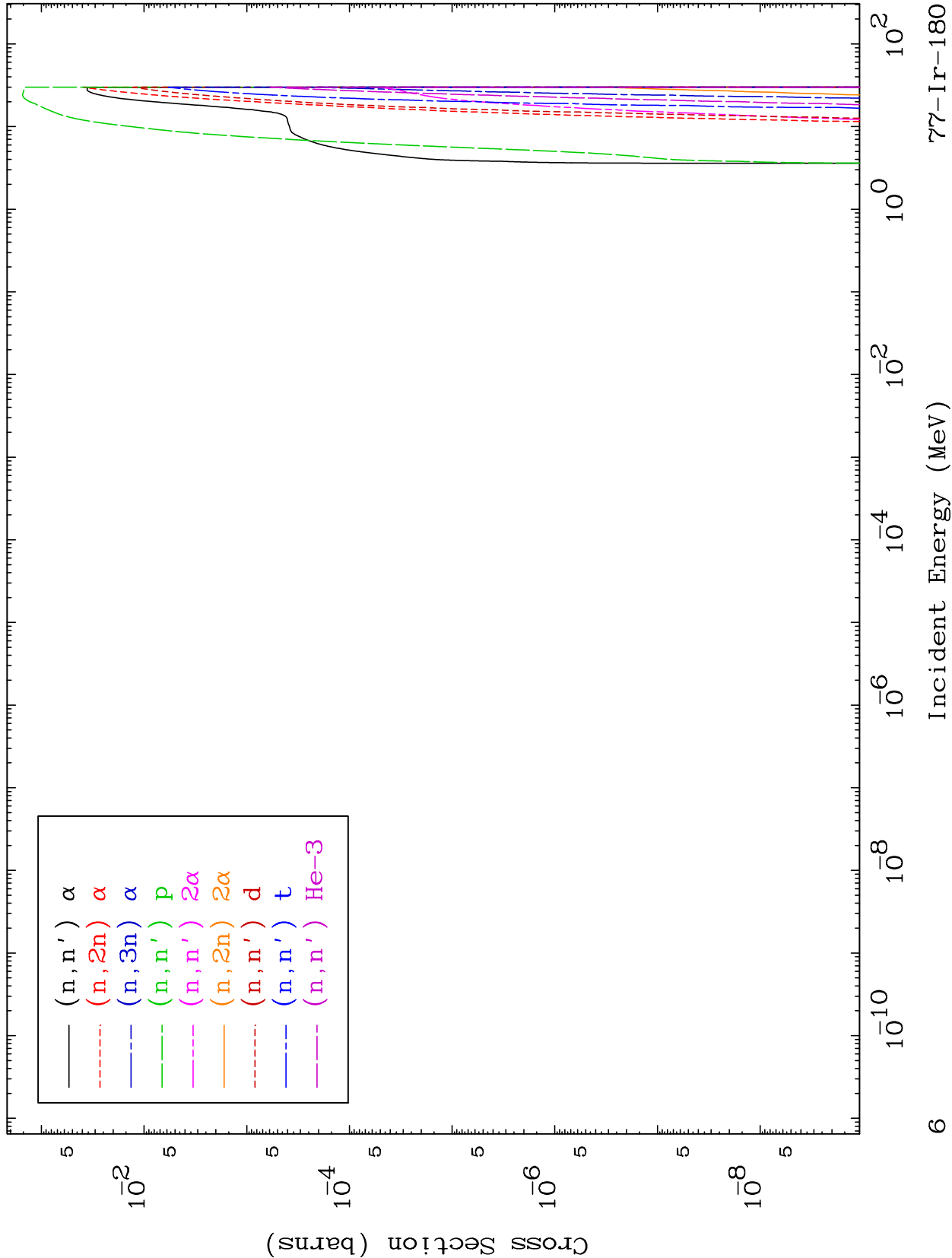


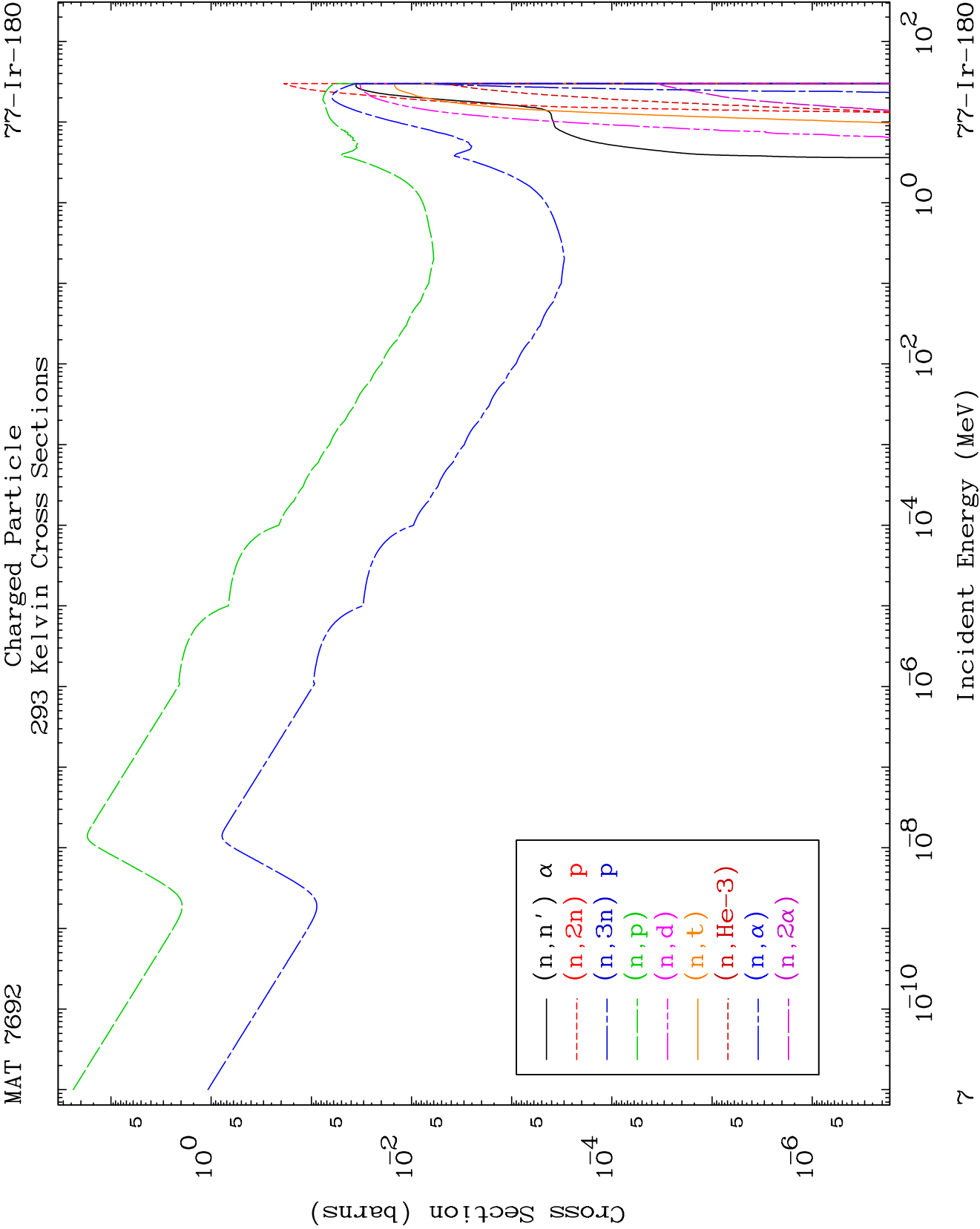
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Neutron Absorption
293 Kelvin Cross Sections

⁷⁷Ir-180



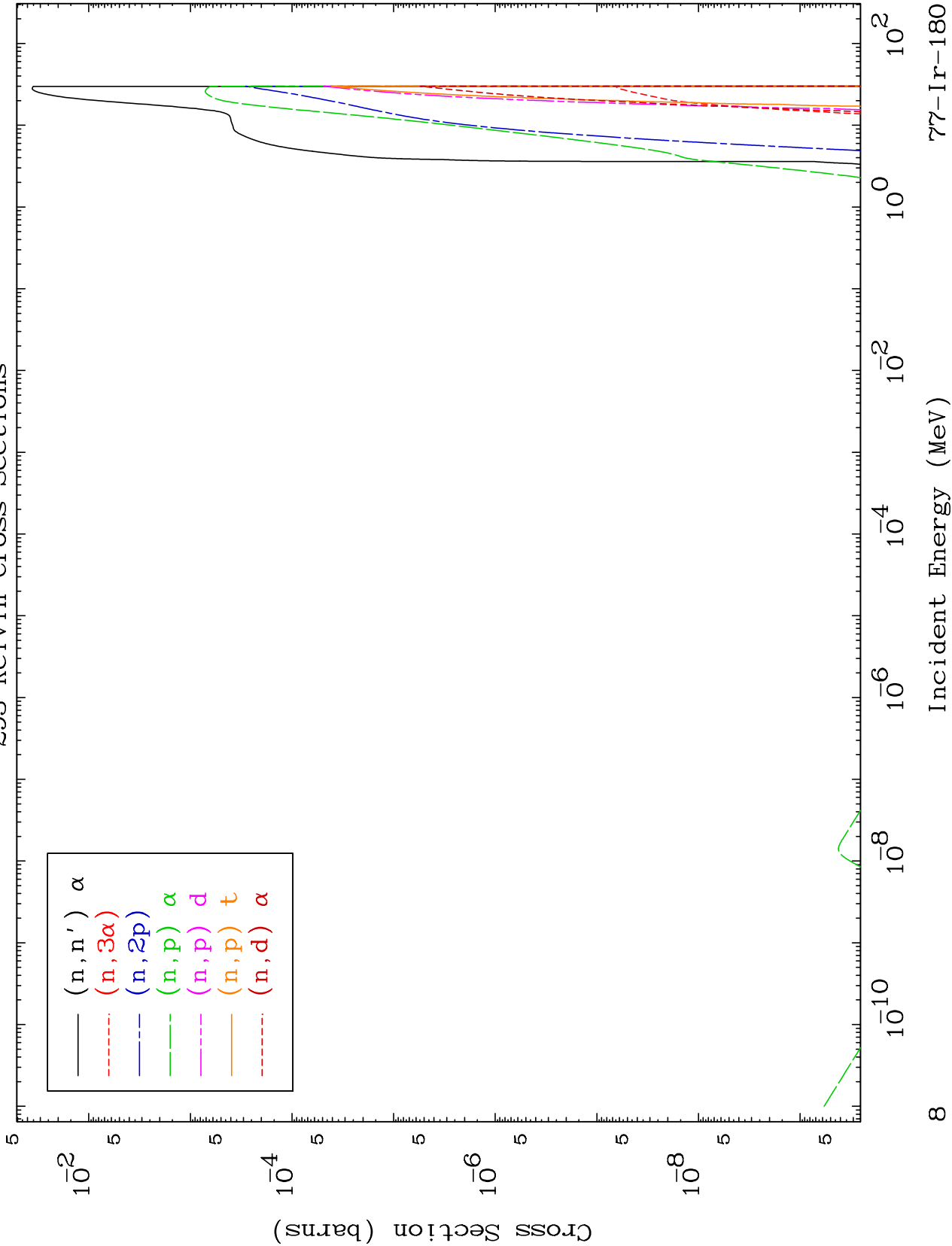


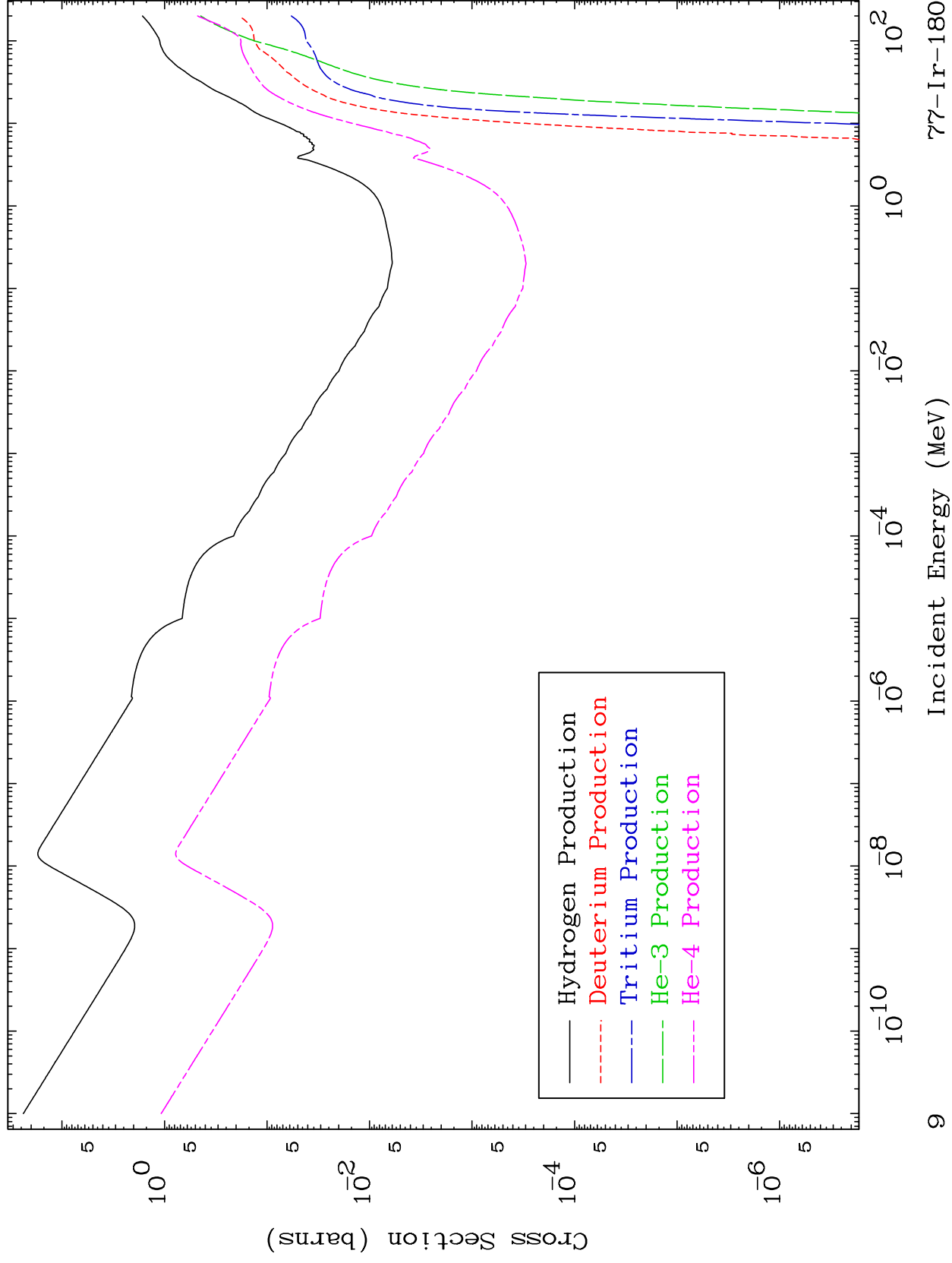


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Charged Particle
293 Kelvin Cross Sections

77-Ir-180

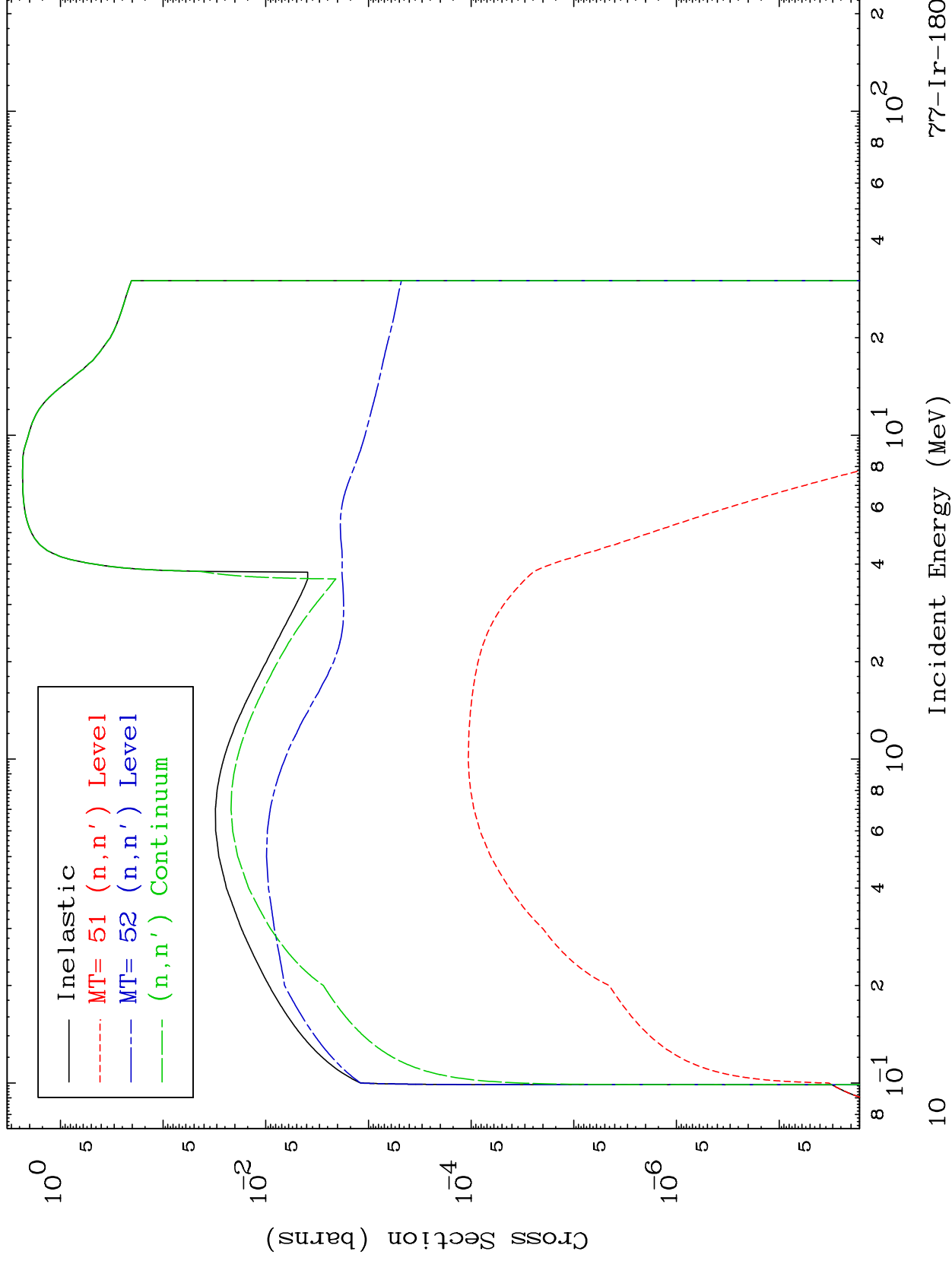




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77-Ir-180

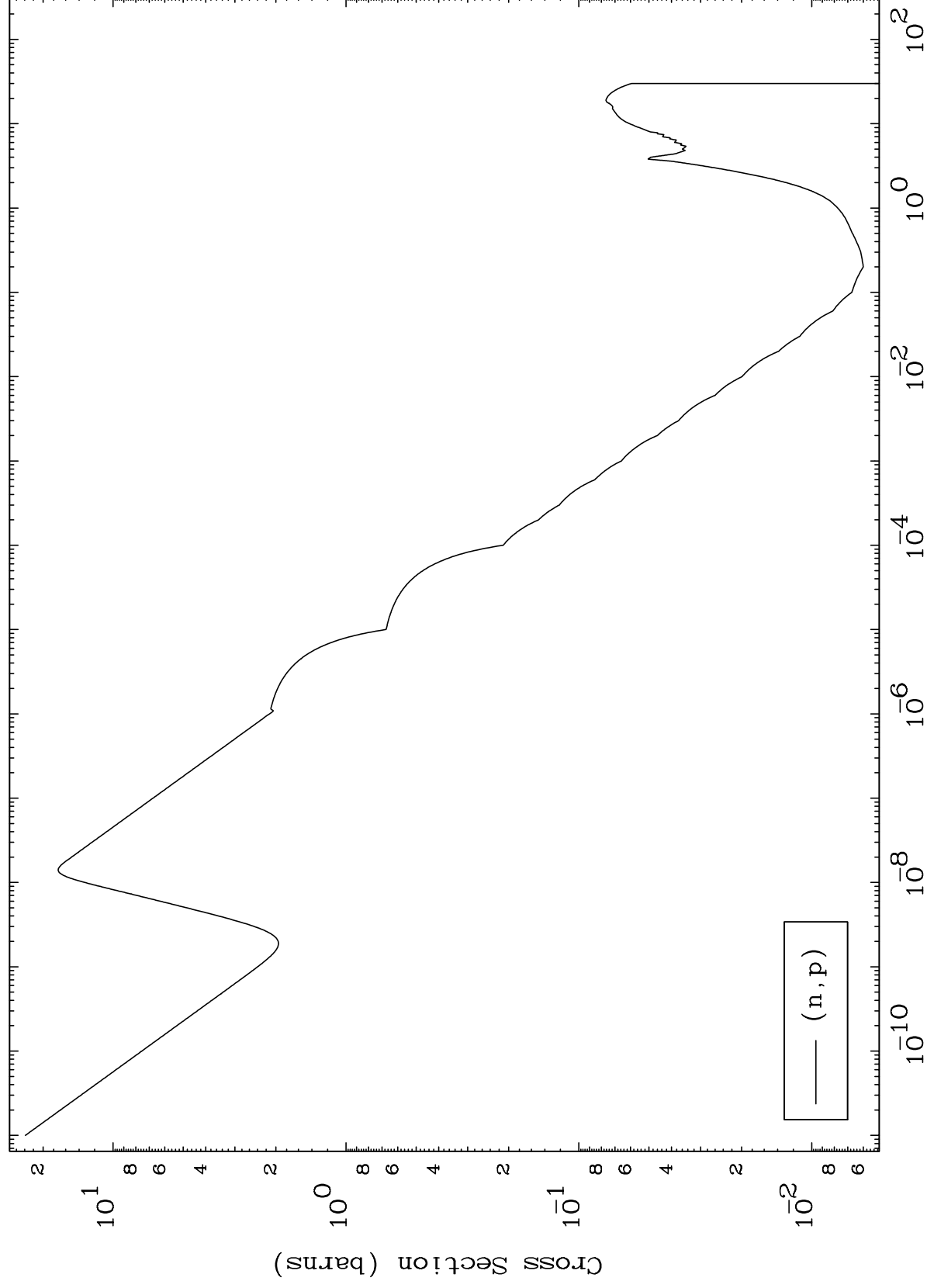
(n,n') Levels
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

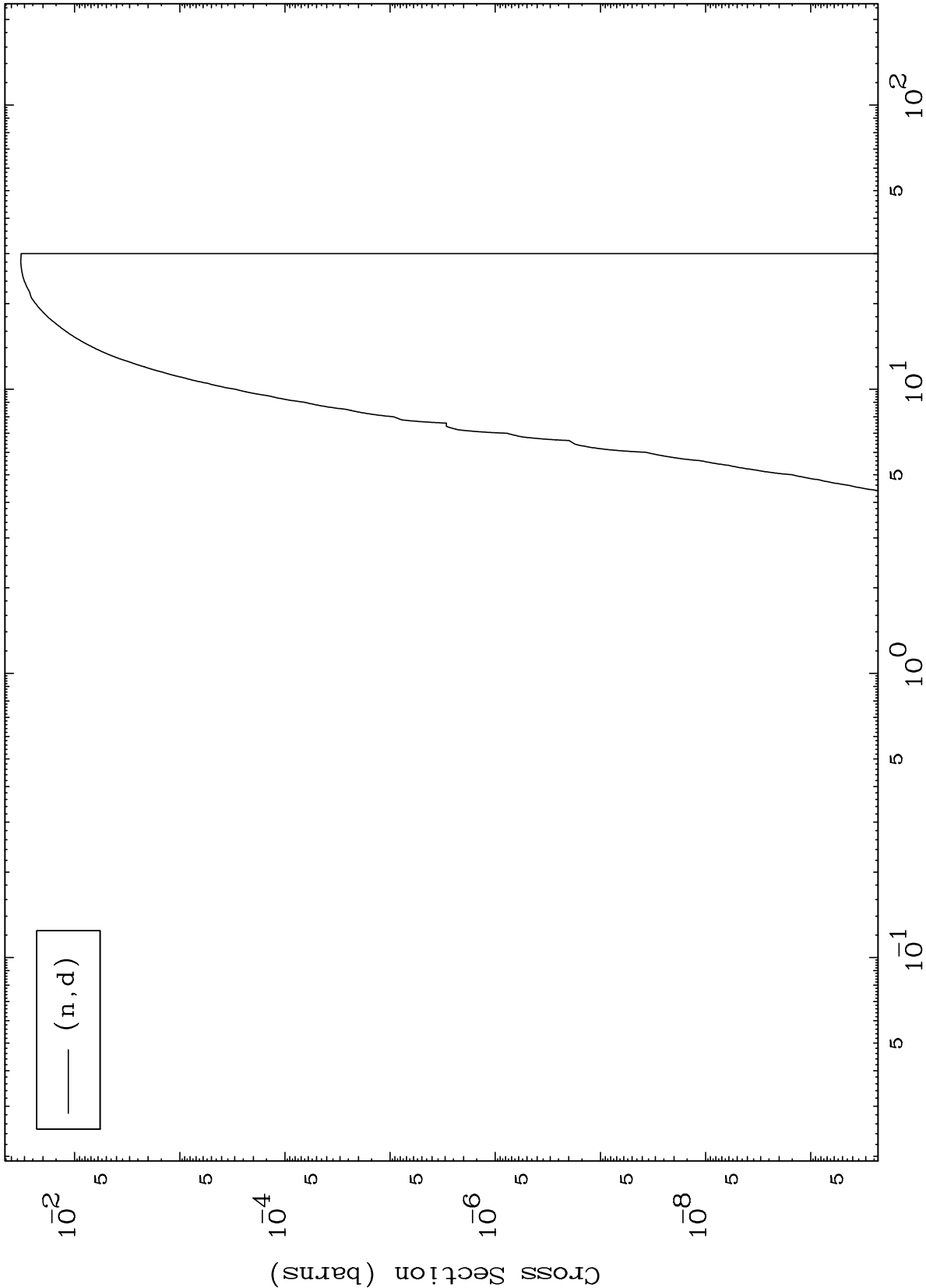
⁷⁷Ir-180



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(n,d) Levels
293 Kelvin Cross Sections

⁷⁷Ir-180



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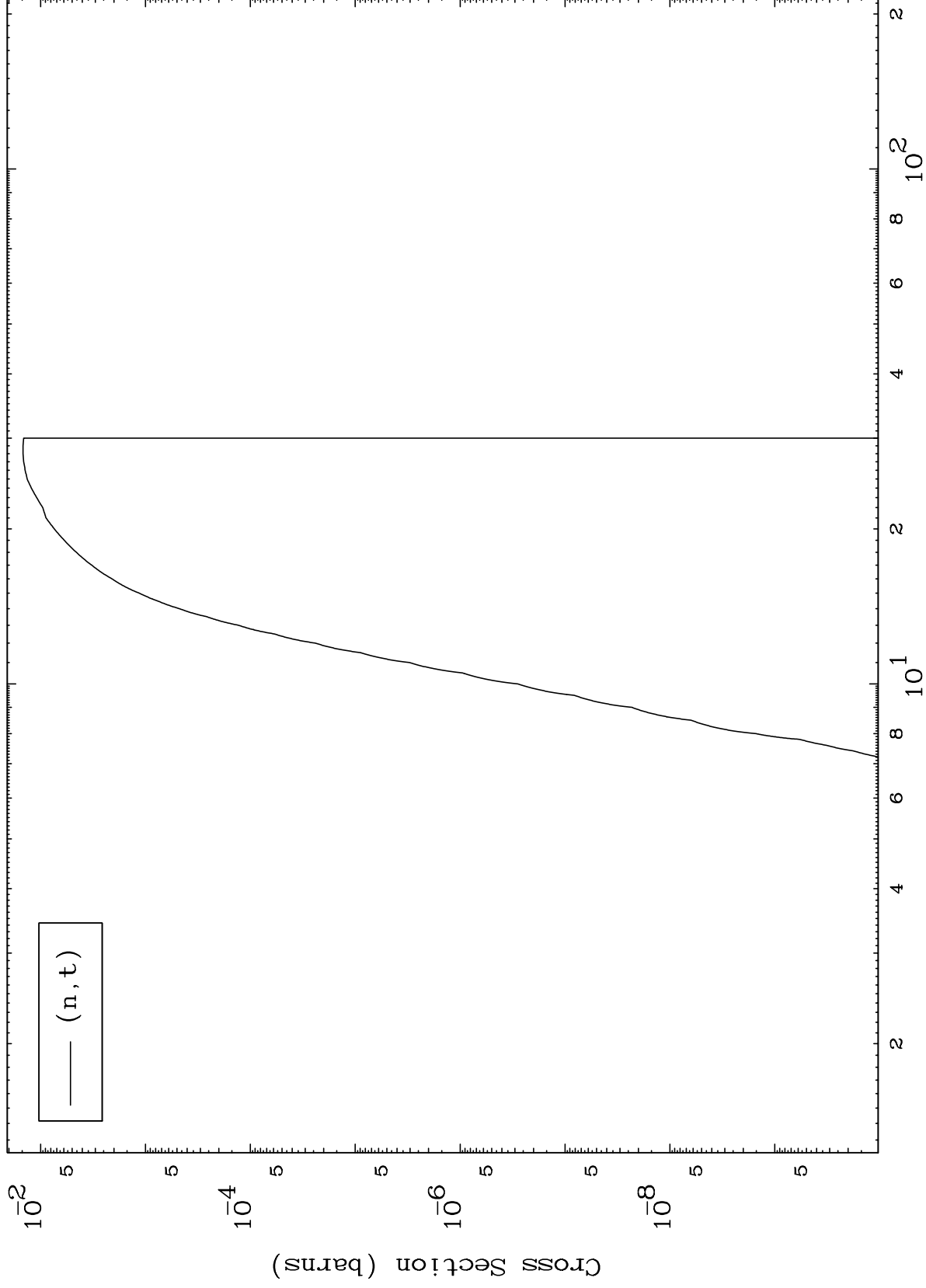
Incident Energy (MeV)

⁷⁷Ir-180

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⁷⁷Ir-180

(n,t) Levels
293 Kelvin Cross Sections



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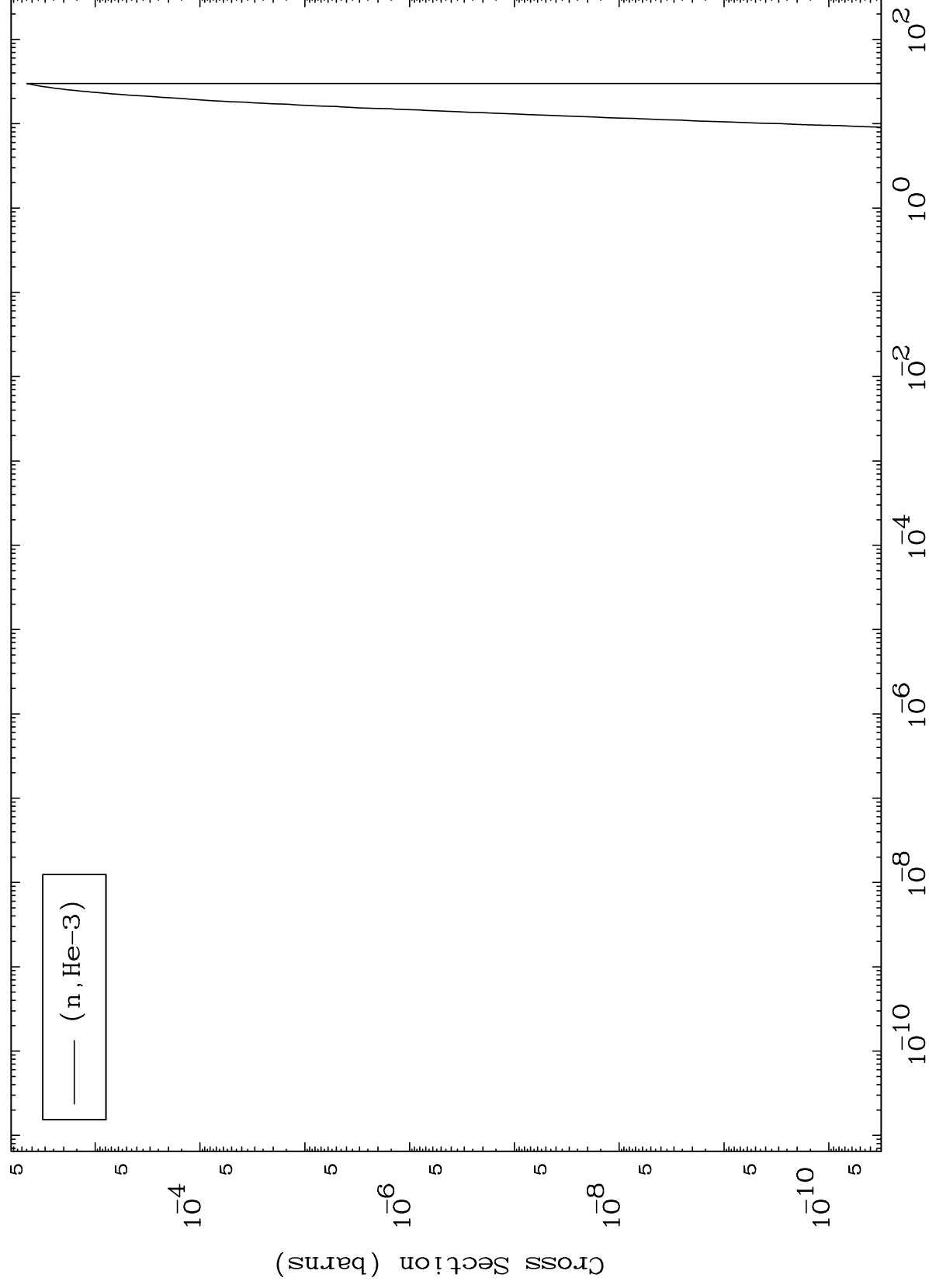
Incident Energy (MeV)

⁷⁷Ir-180

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(n,He3) Levels
293 Kelvin Cross Sections

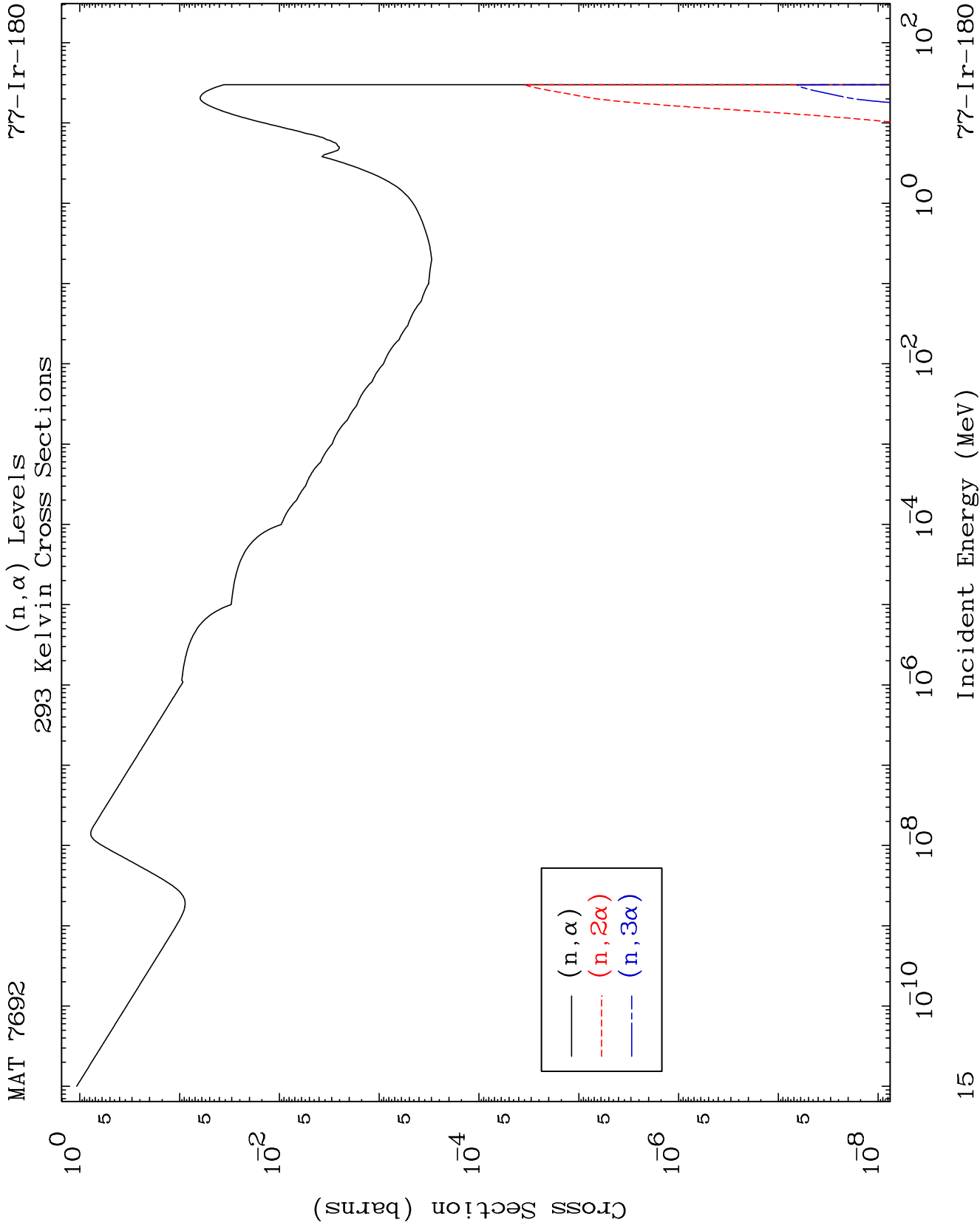
77-Ir-180

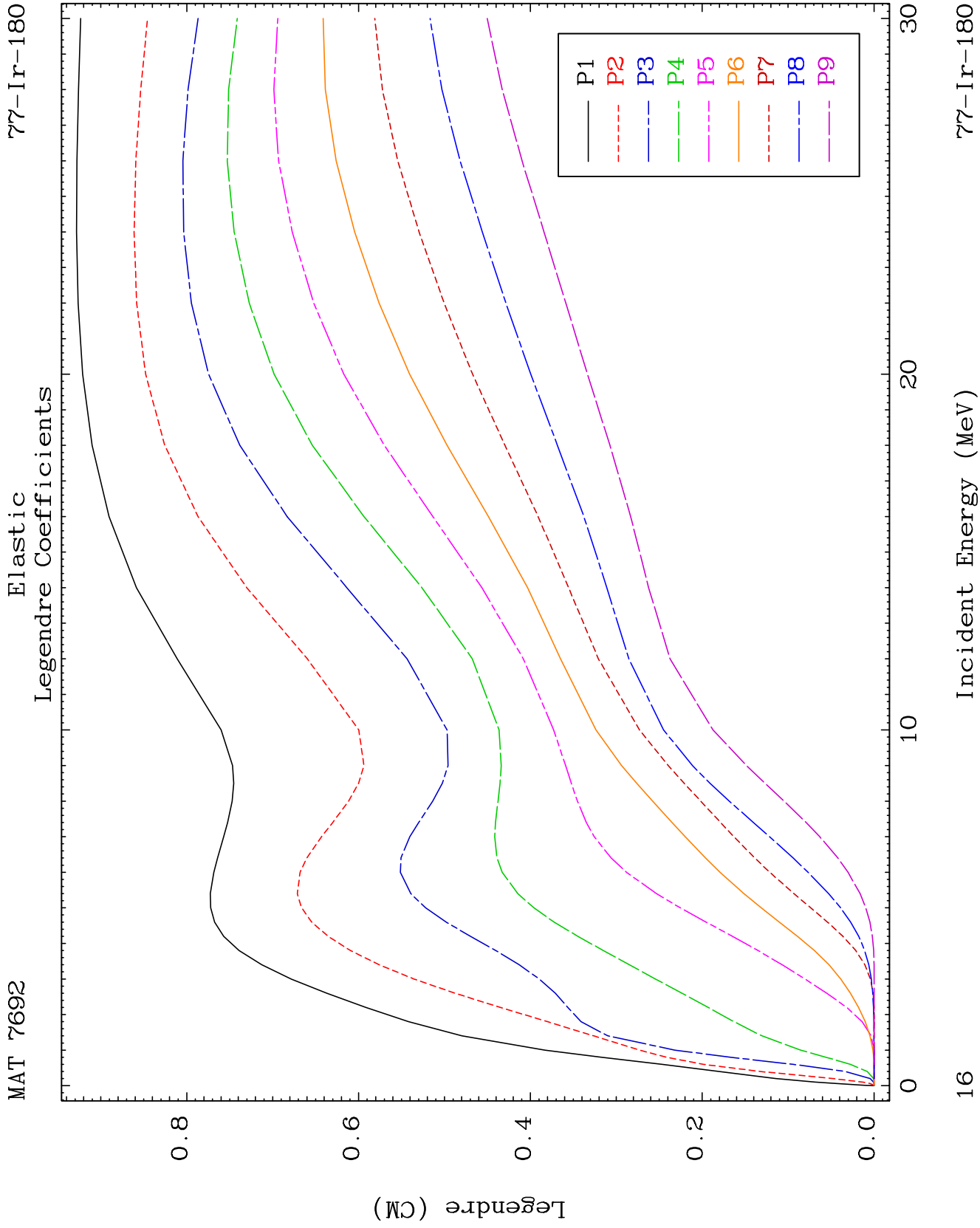


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Incident Energy (MeV)

77-Ir-180

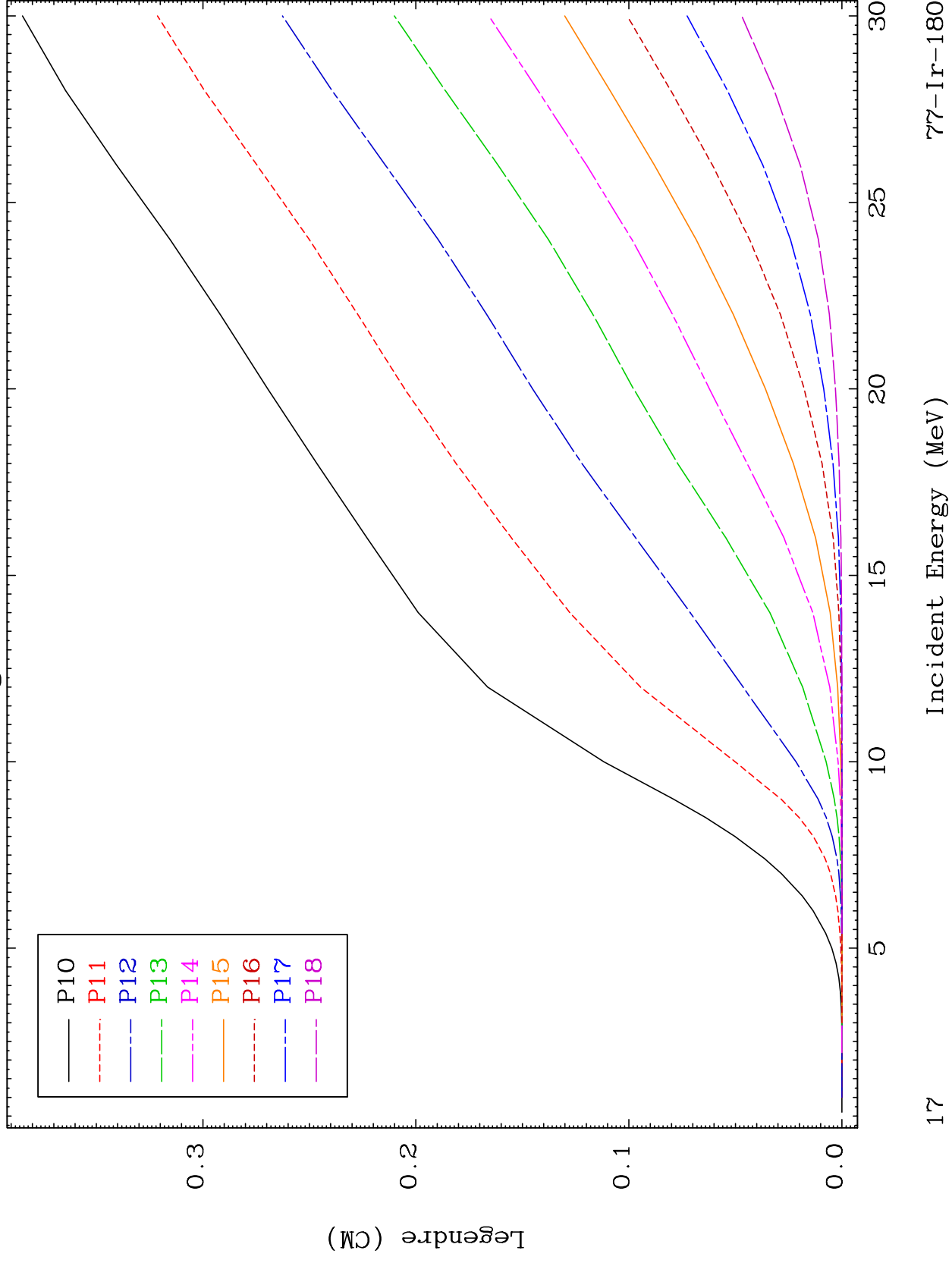


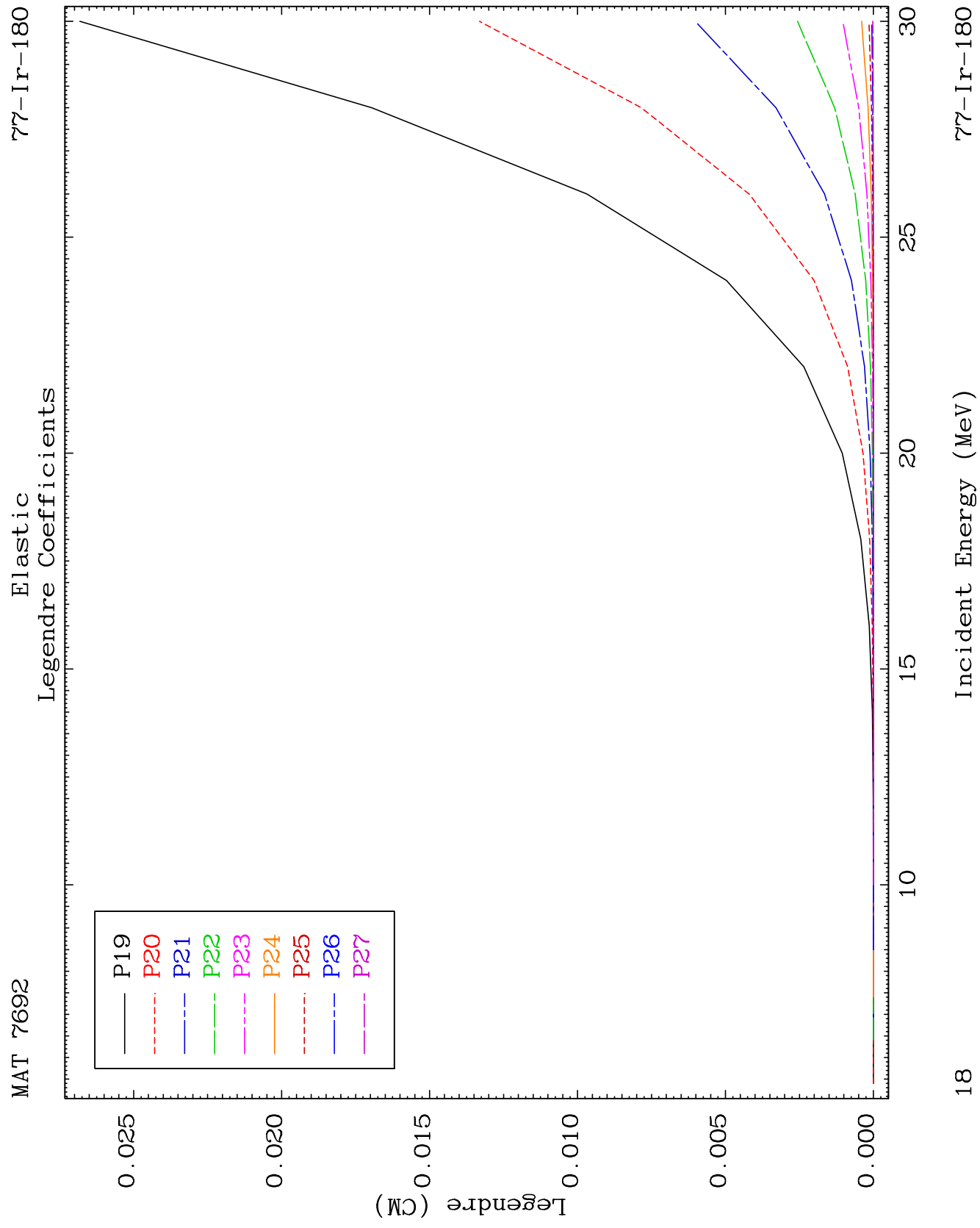


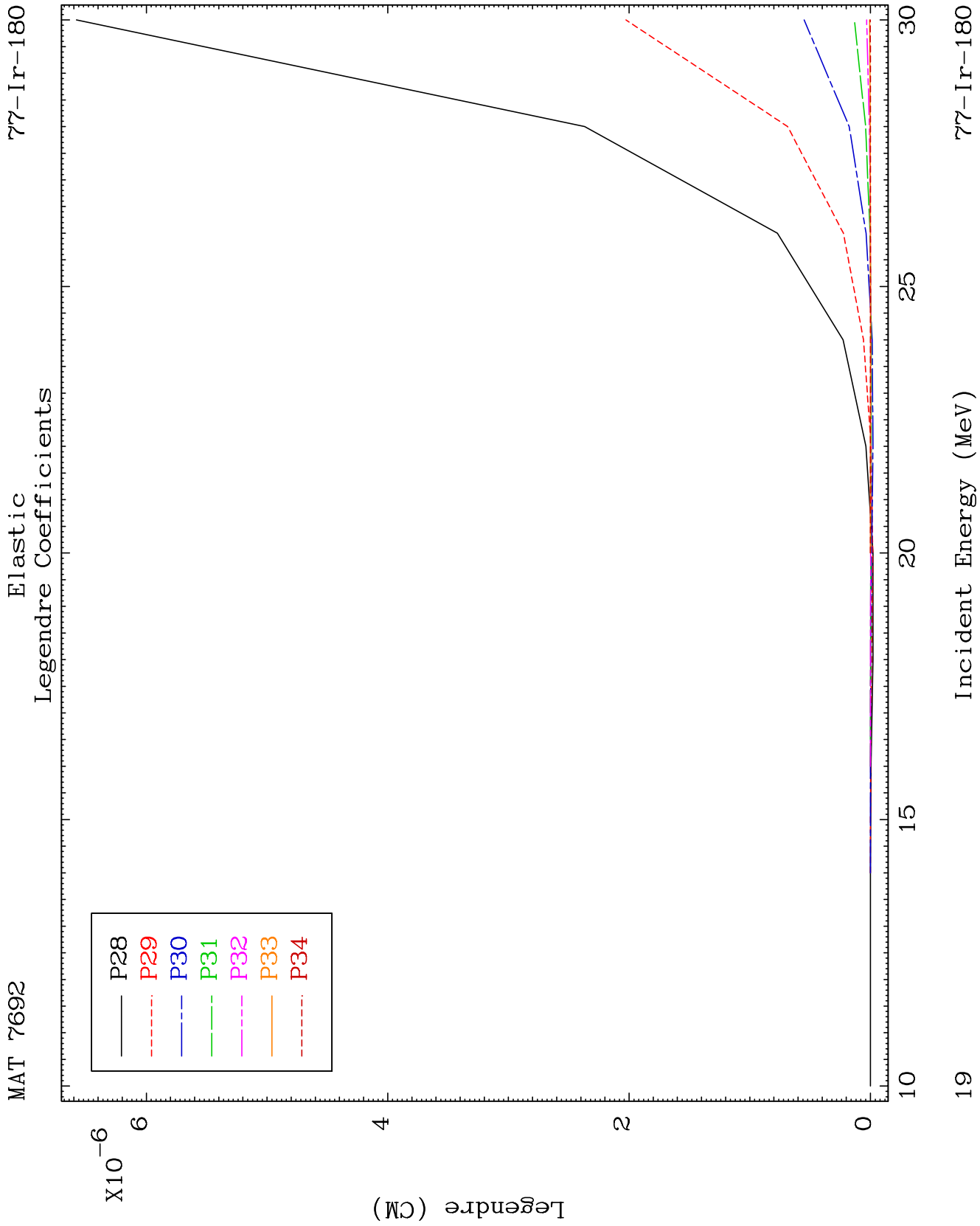
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Elastic Legendre Coefficients

77-Ir-180



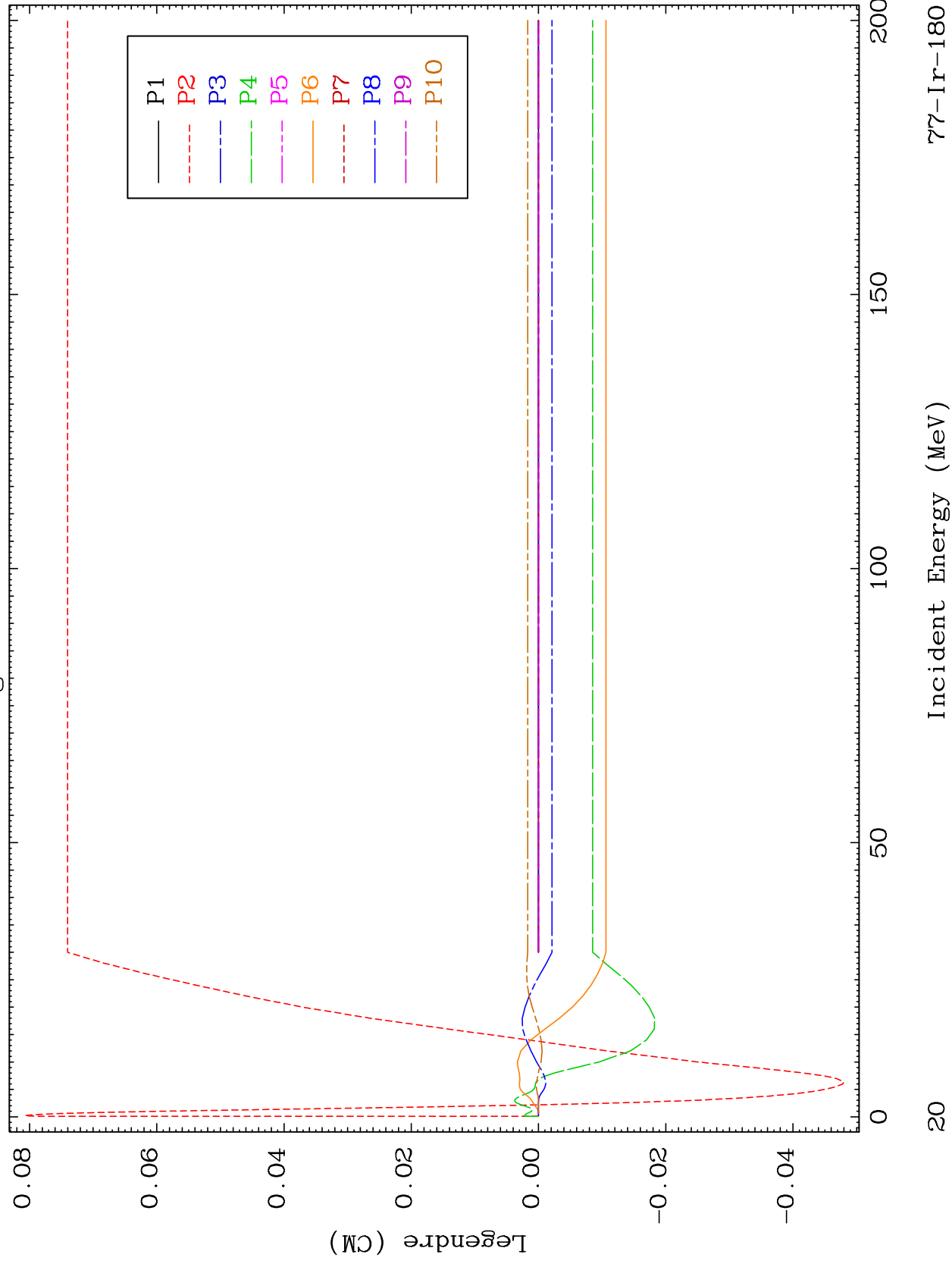




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MT= 51 (n, n') Level
Legendre Coefficients

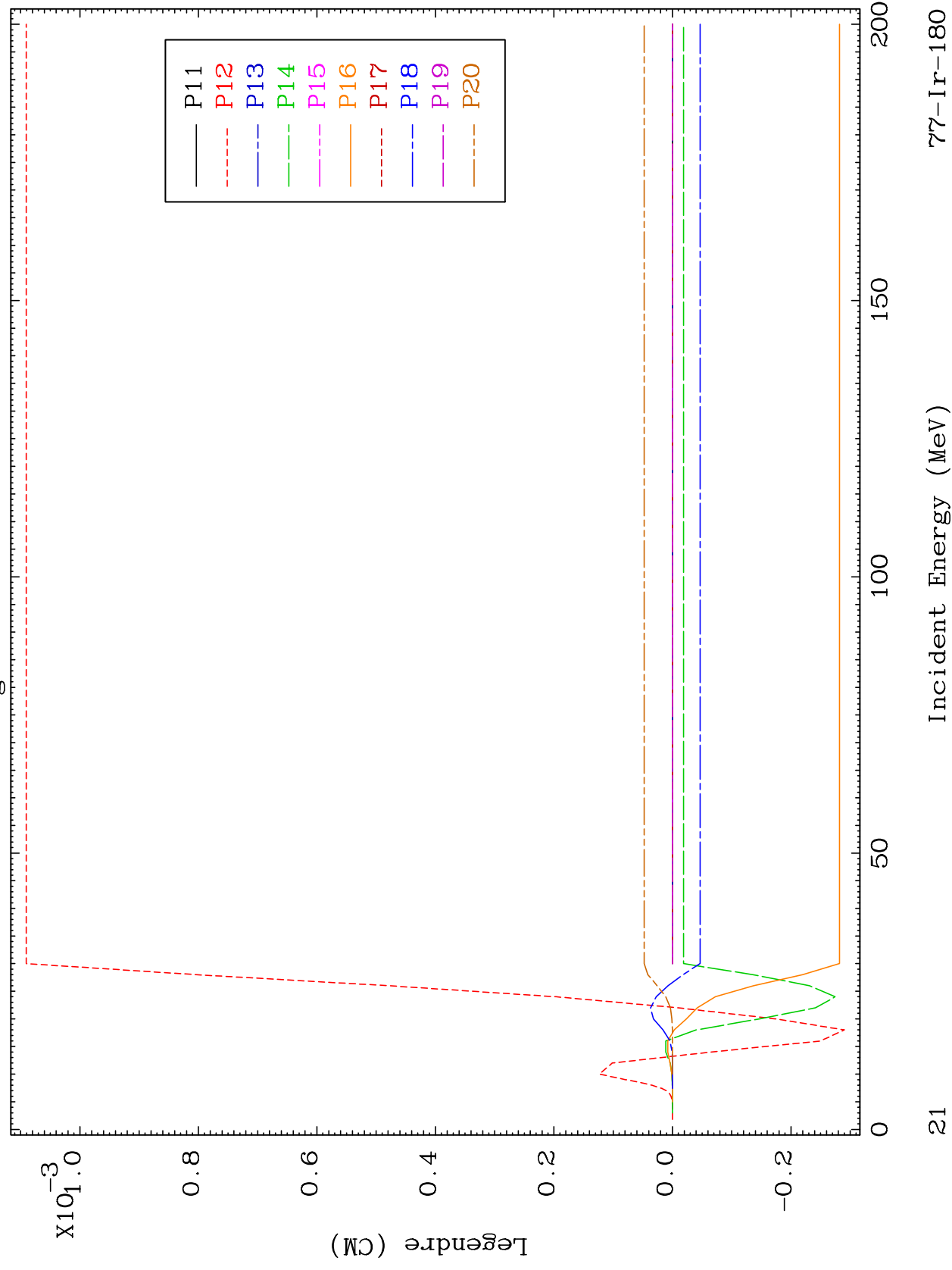
77-Ir-180



MAT 7692

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

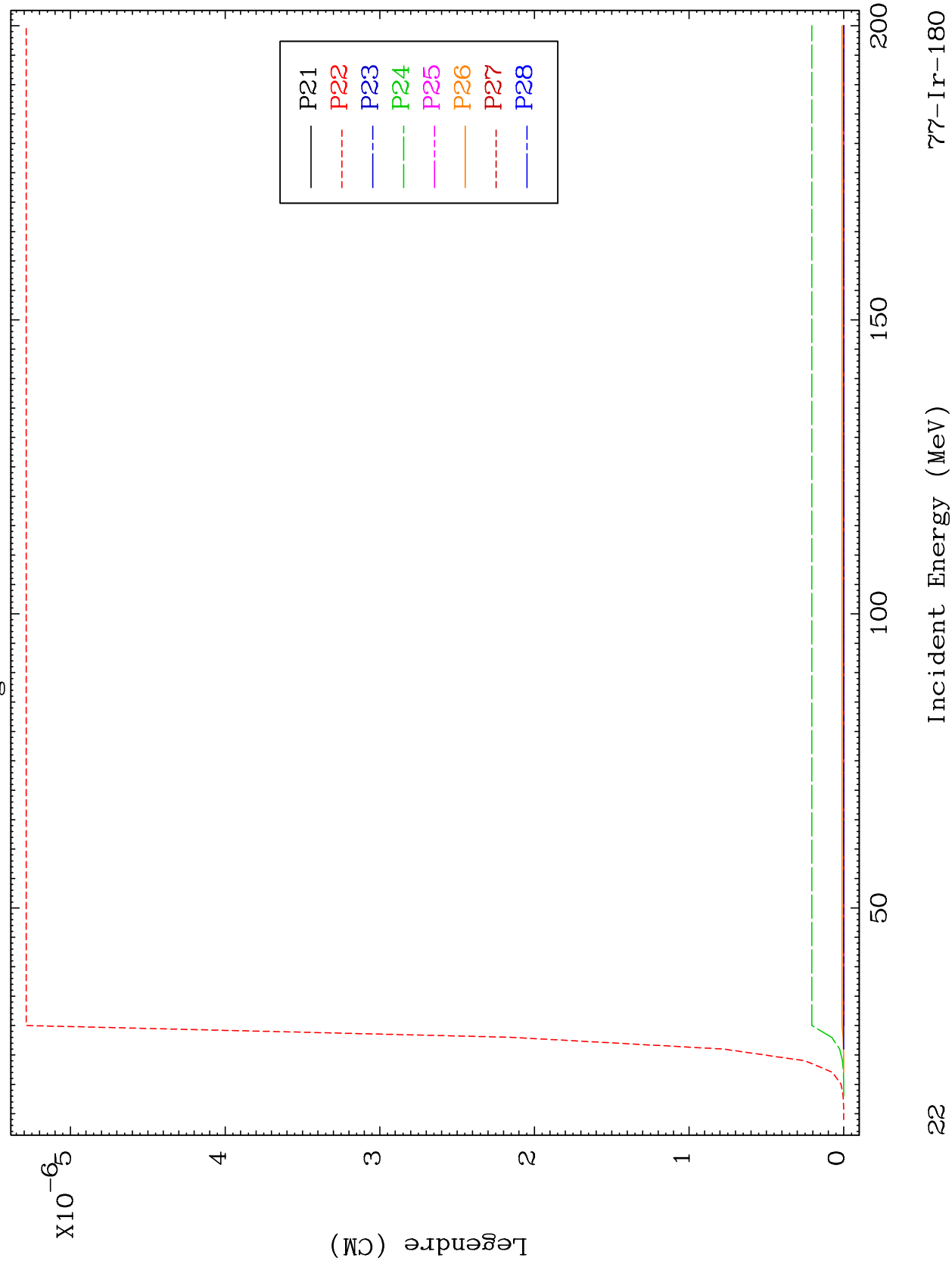
77-1r-180

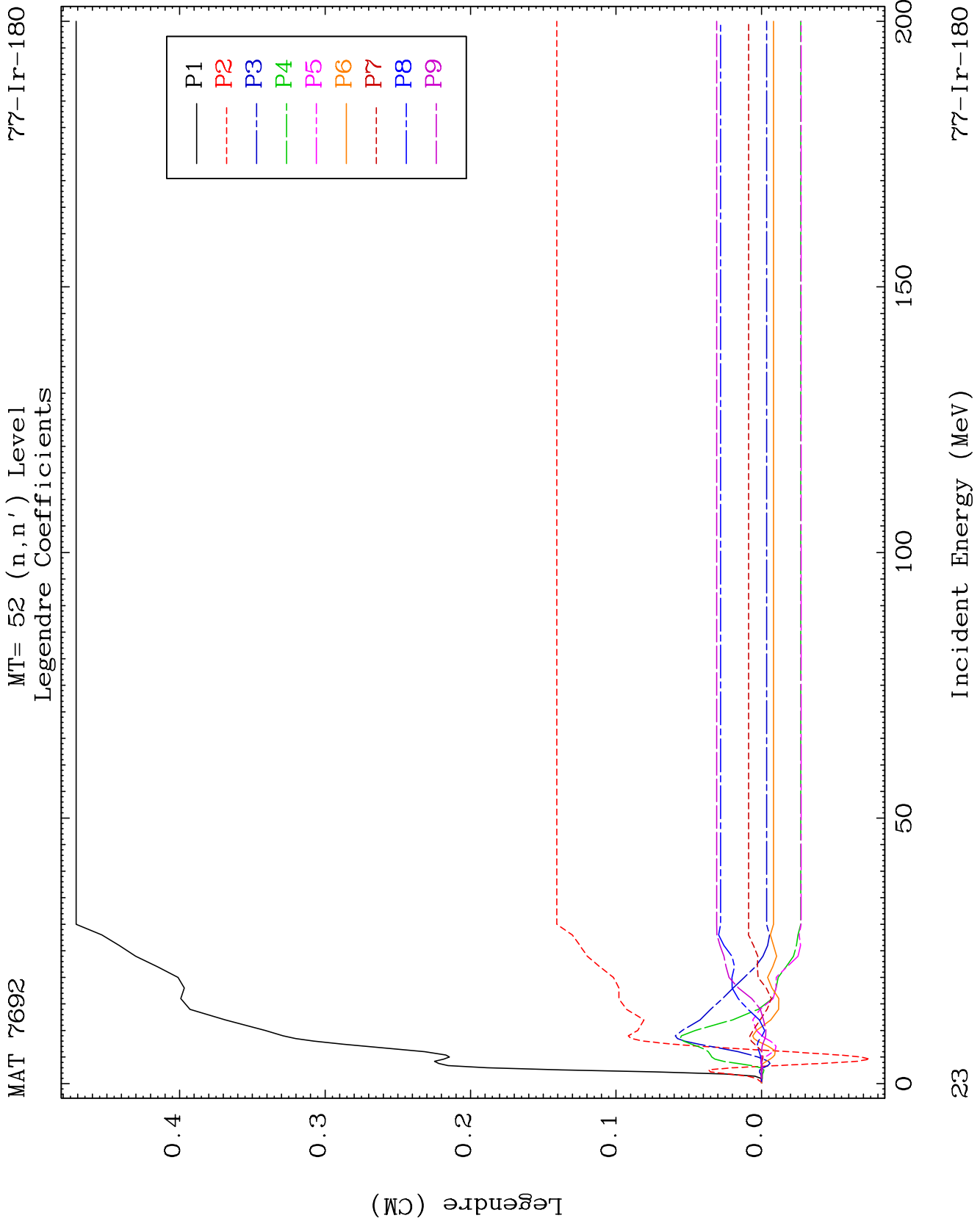


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MT= 51 (n, n') Level
Legendre Coefficients

77-Ir-180

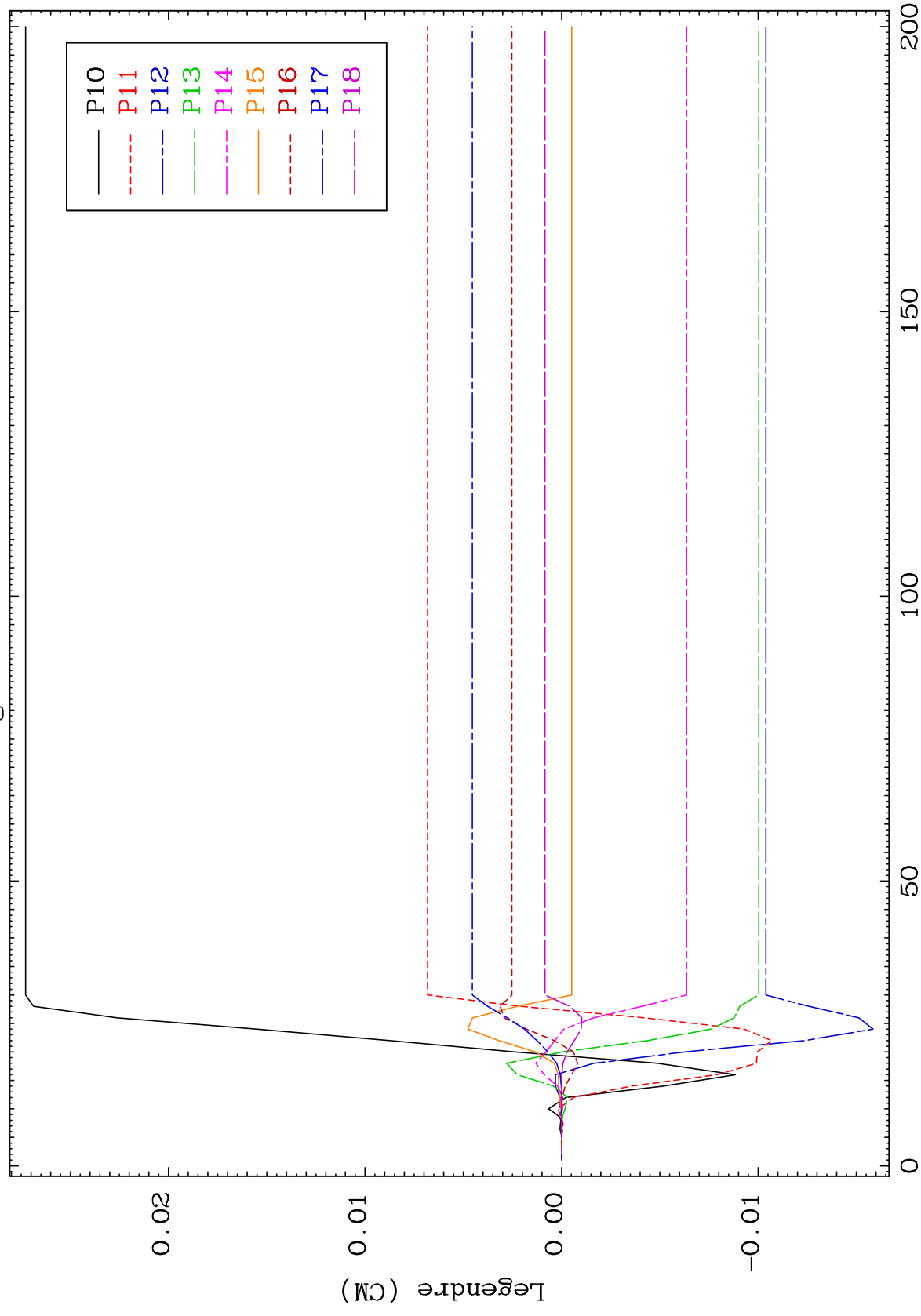




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MT= 52 (n, n') Level
Legendre Coefficients

77-Ir-180



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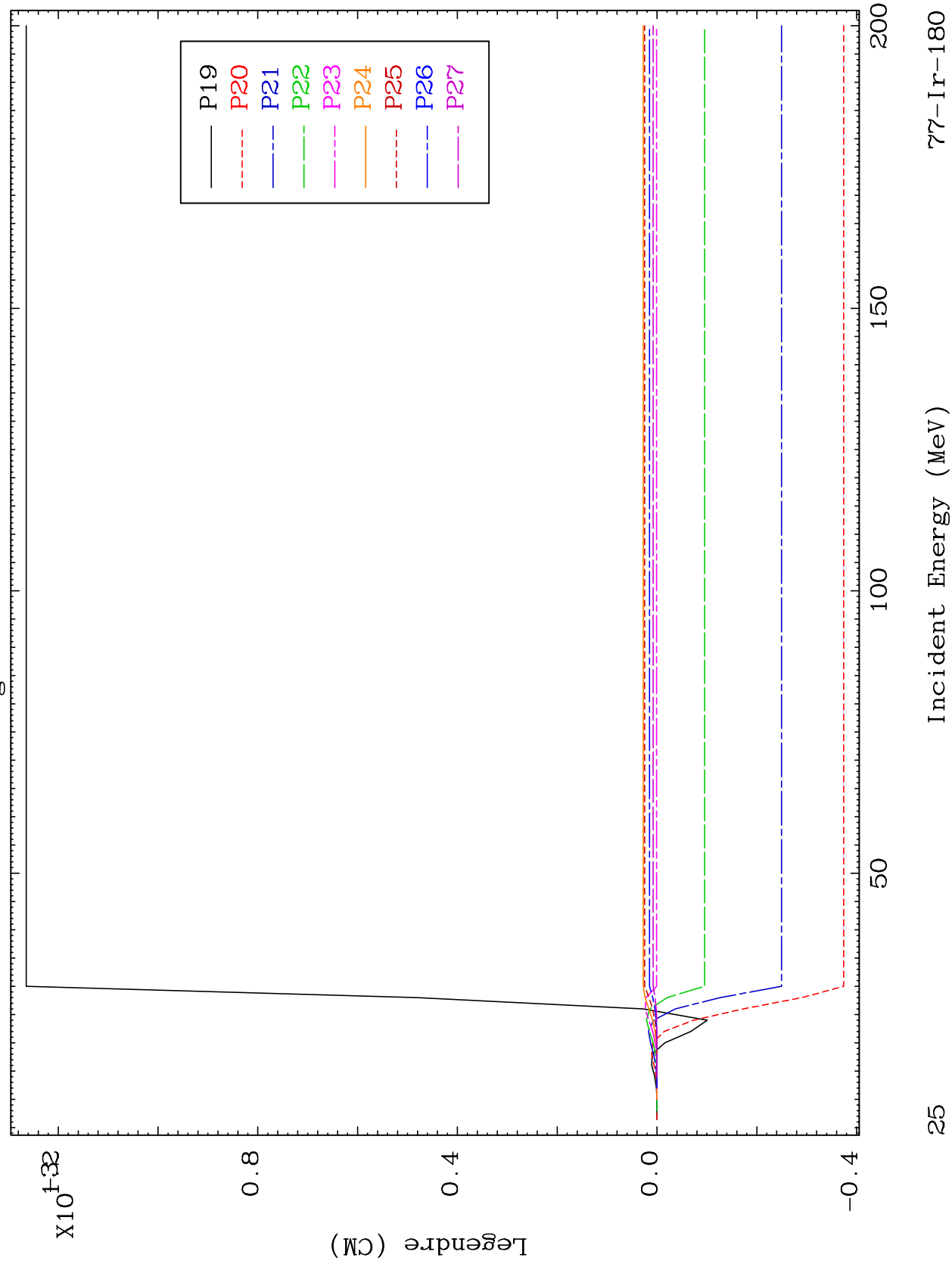
Incident Energy (MeV)

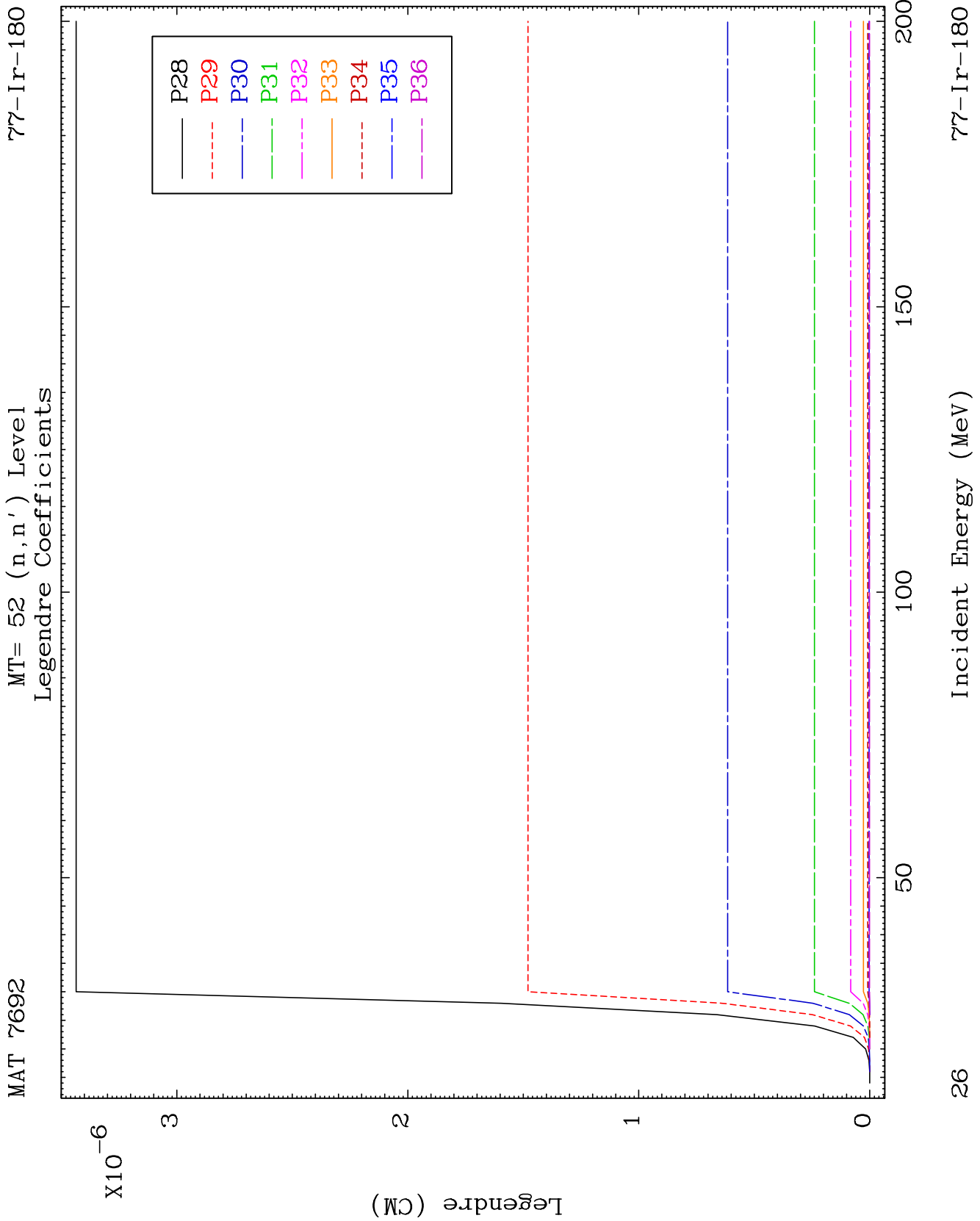
77-Ir-180

MAT 7692

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

77-Ir-180



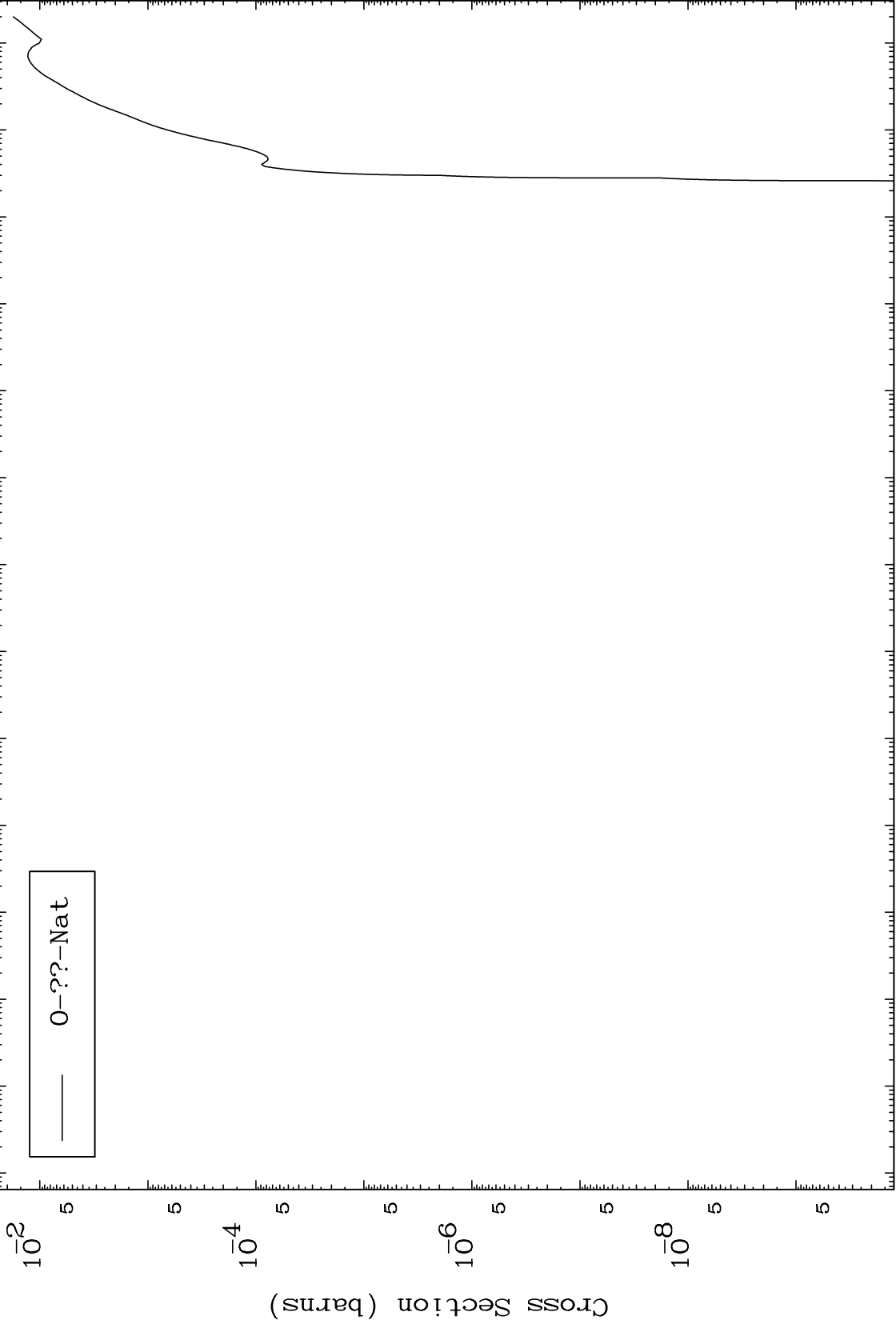


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Fission

$^{77}\text{Ir-180}$

Radionuclide Production Cross Section



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Incident Energy (MeV)

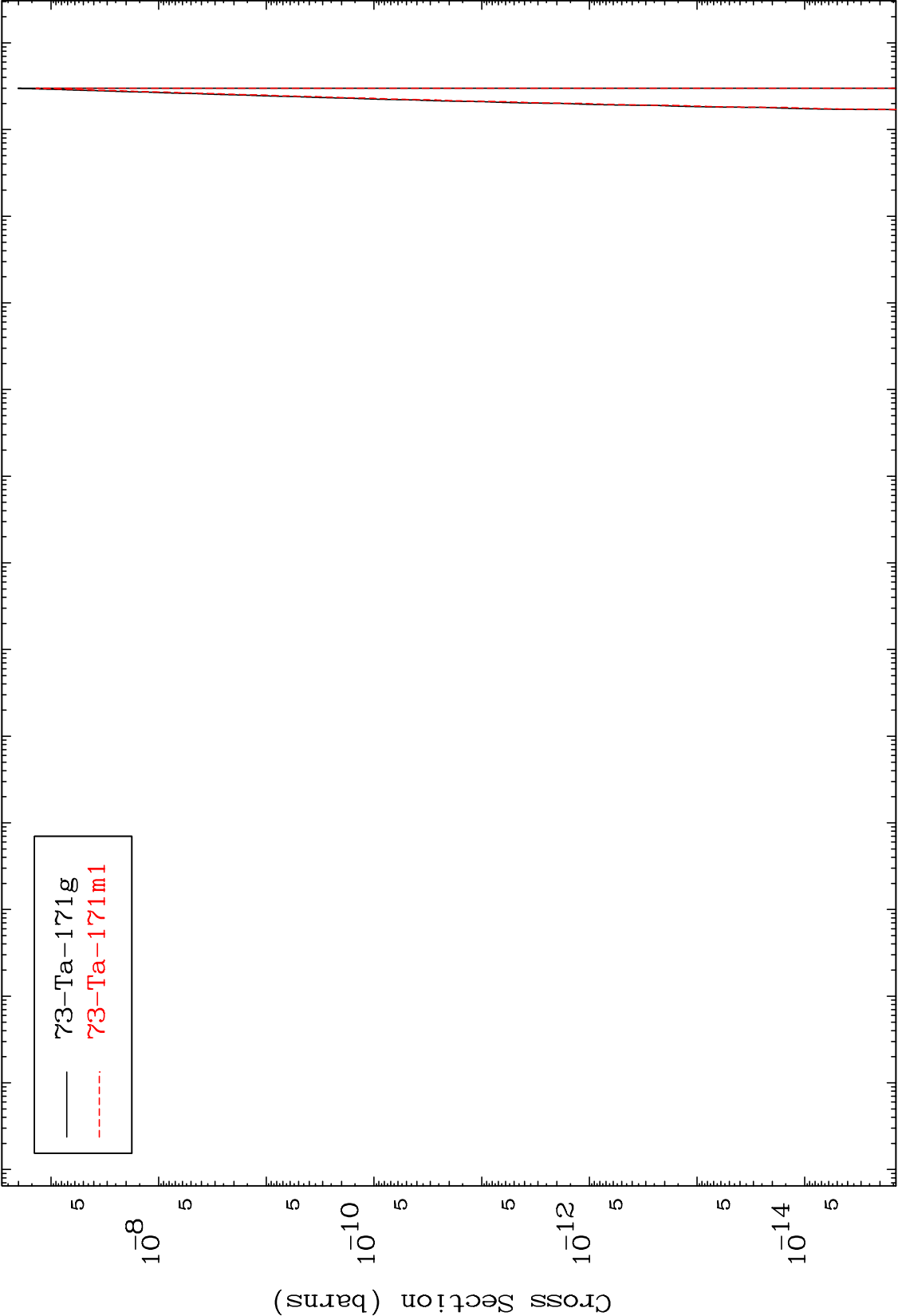
$^{77}\text{Ir-180}$

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(n,2n) 2 α

⁷⁷Ir-180

Radionuclide Production Cross Section

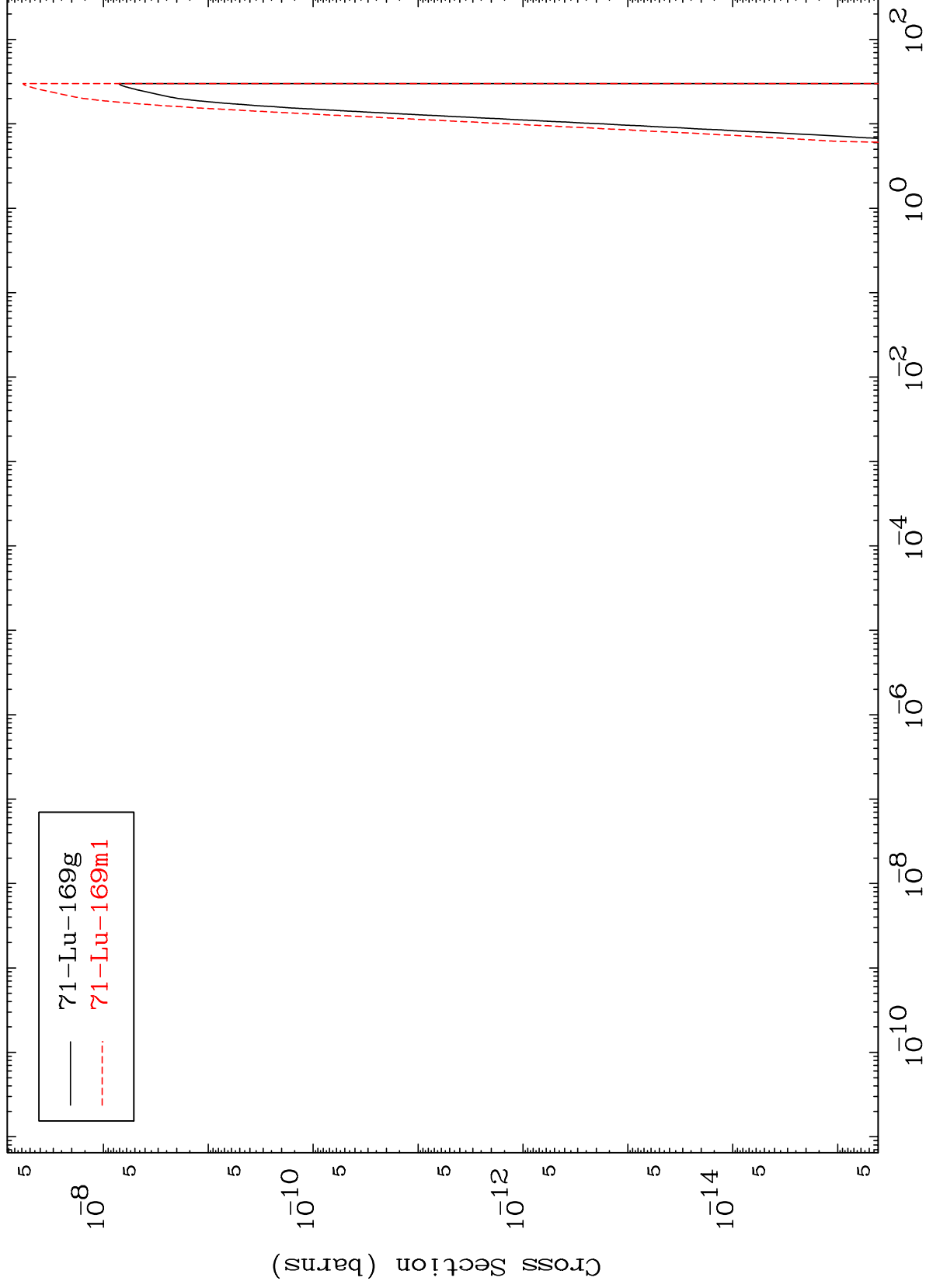


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(n,3α)

⁷⁷Ir-180

Radionuclide Production Cross Section



29

Incident Energy (MeV)

⁷⁷Ir-180