

Program EVALPLOT
(Version 2018-1)

by

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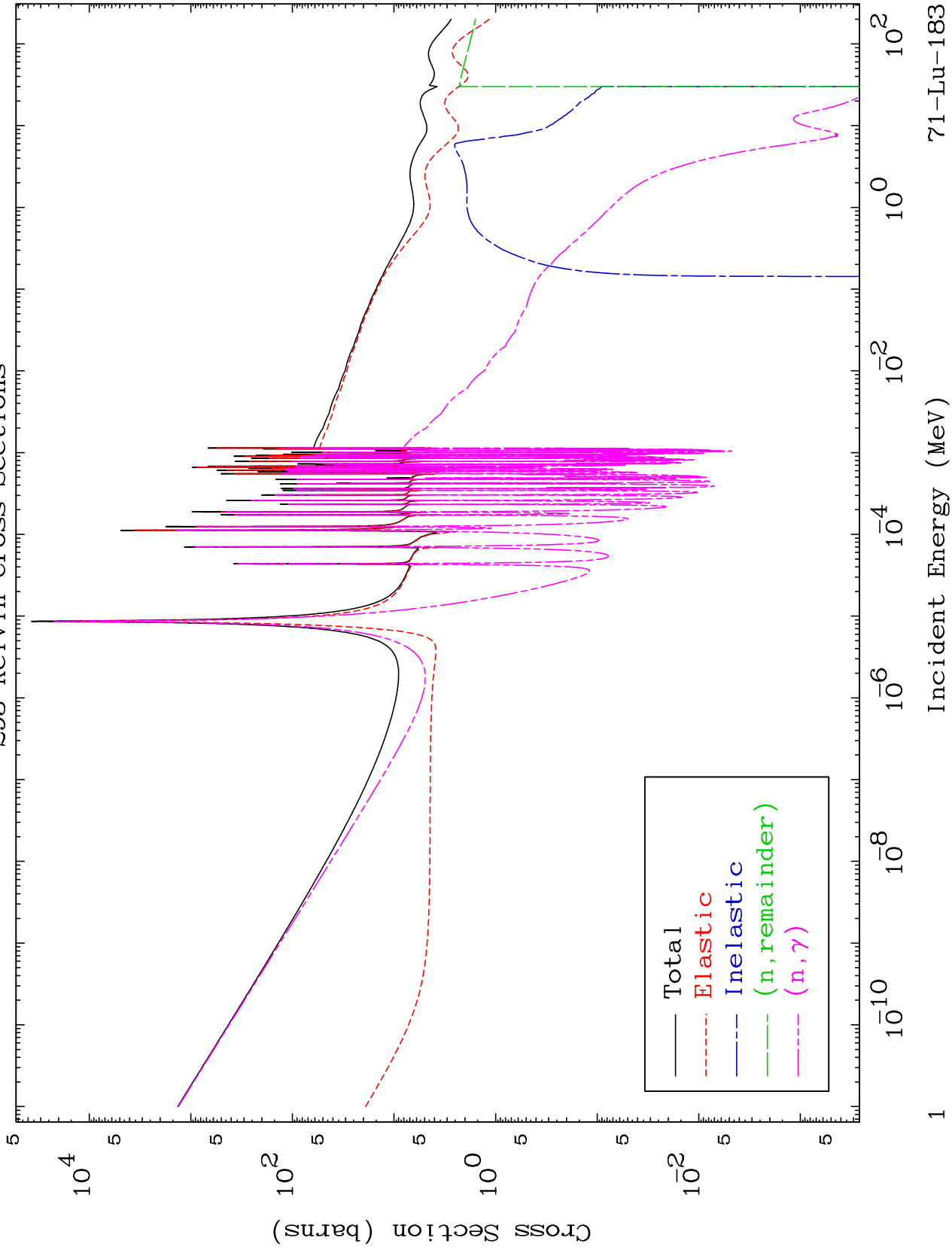
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

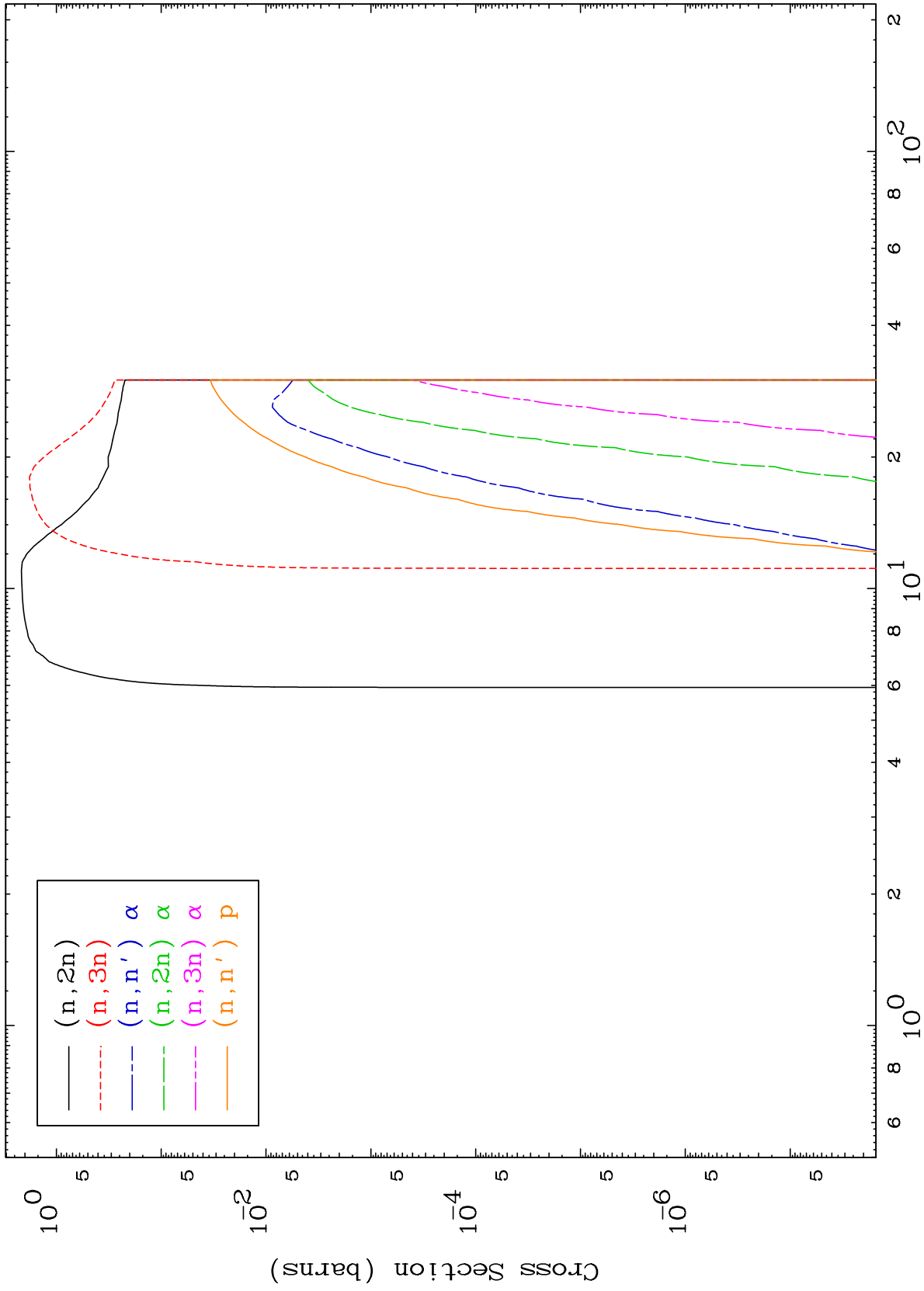
Press Mouse Button to Start

MAT 7149

Major
293 Kelvin Cross Sections

71-Lu-183

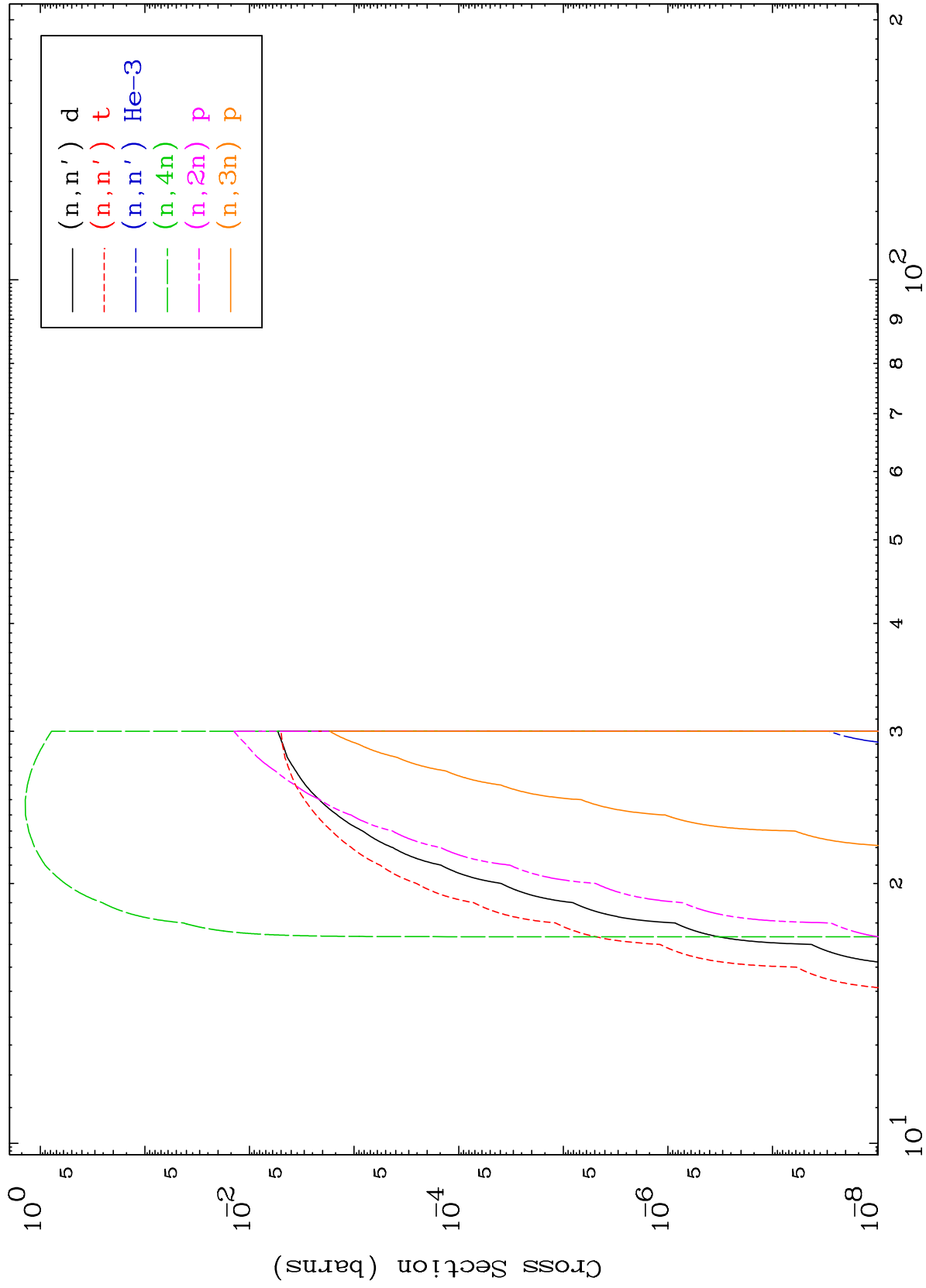




MAT 7149

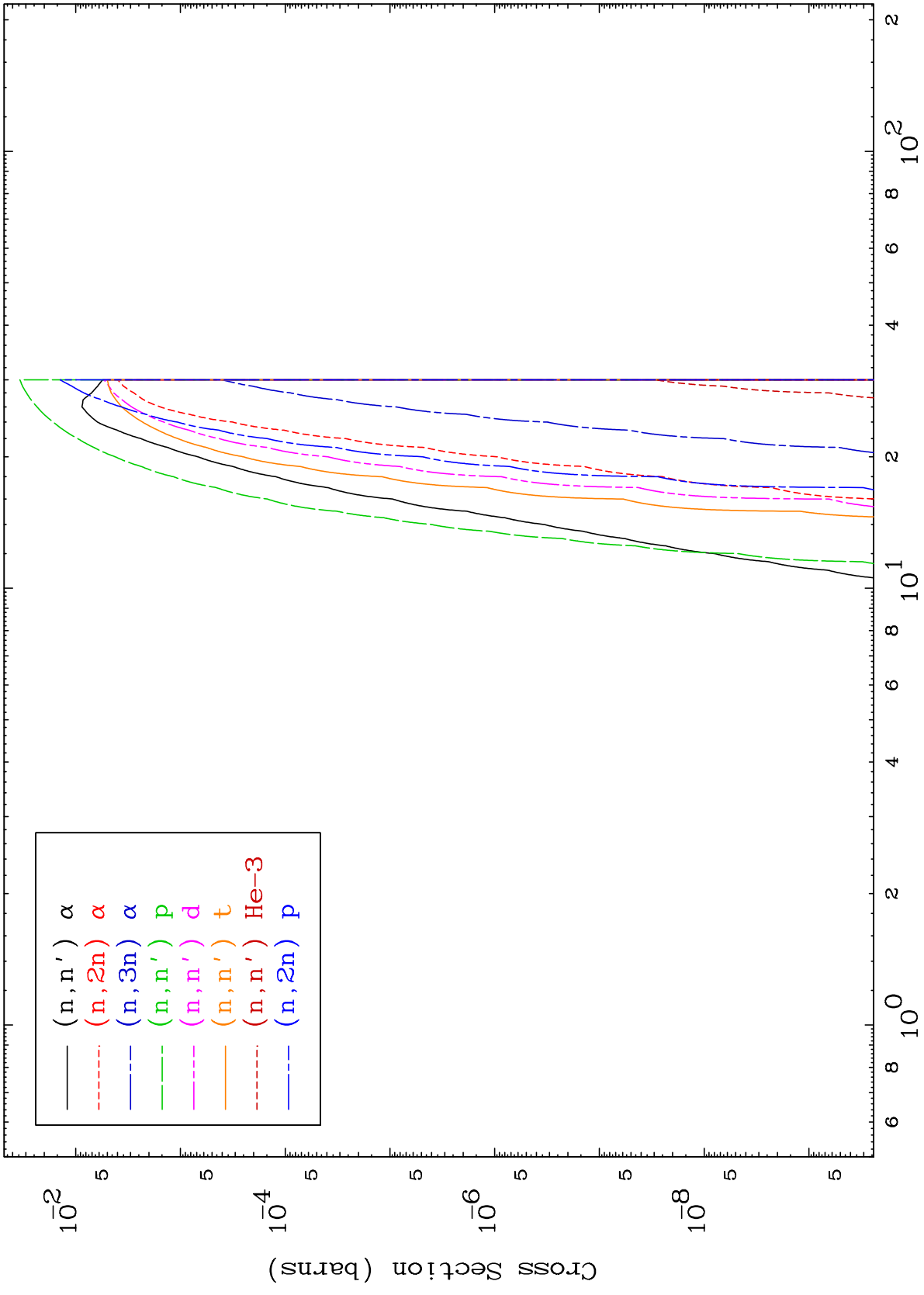
Neutron Production
293 Kelvin Cross Sections

71-Lu-183



Incident Energy (MeV)

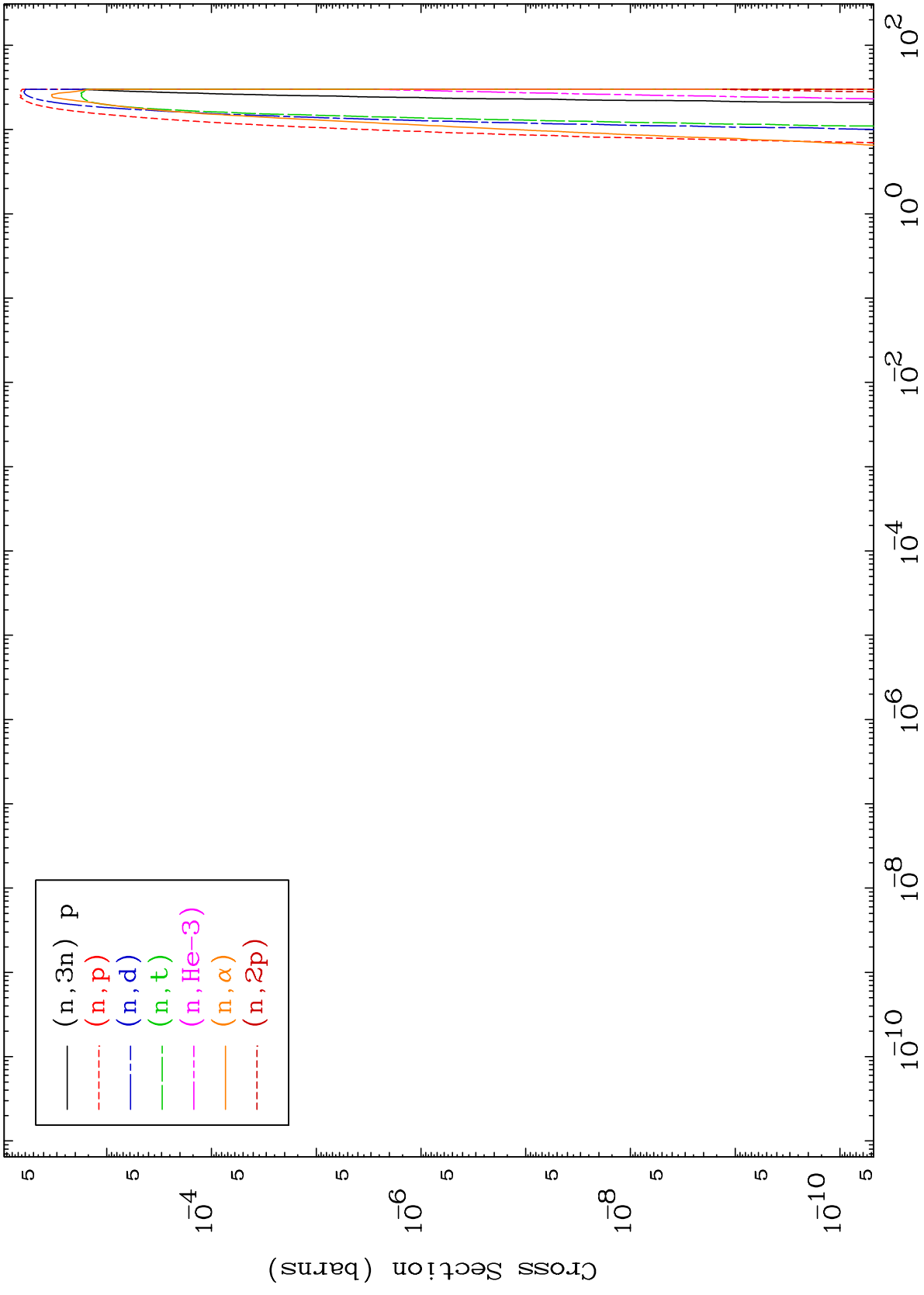
71-Lu-183



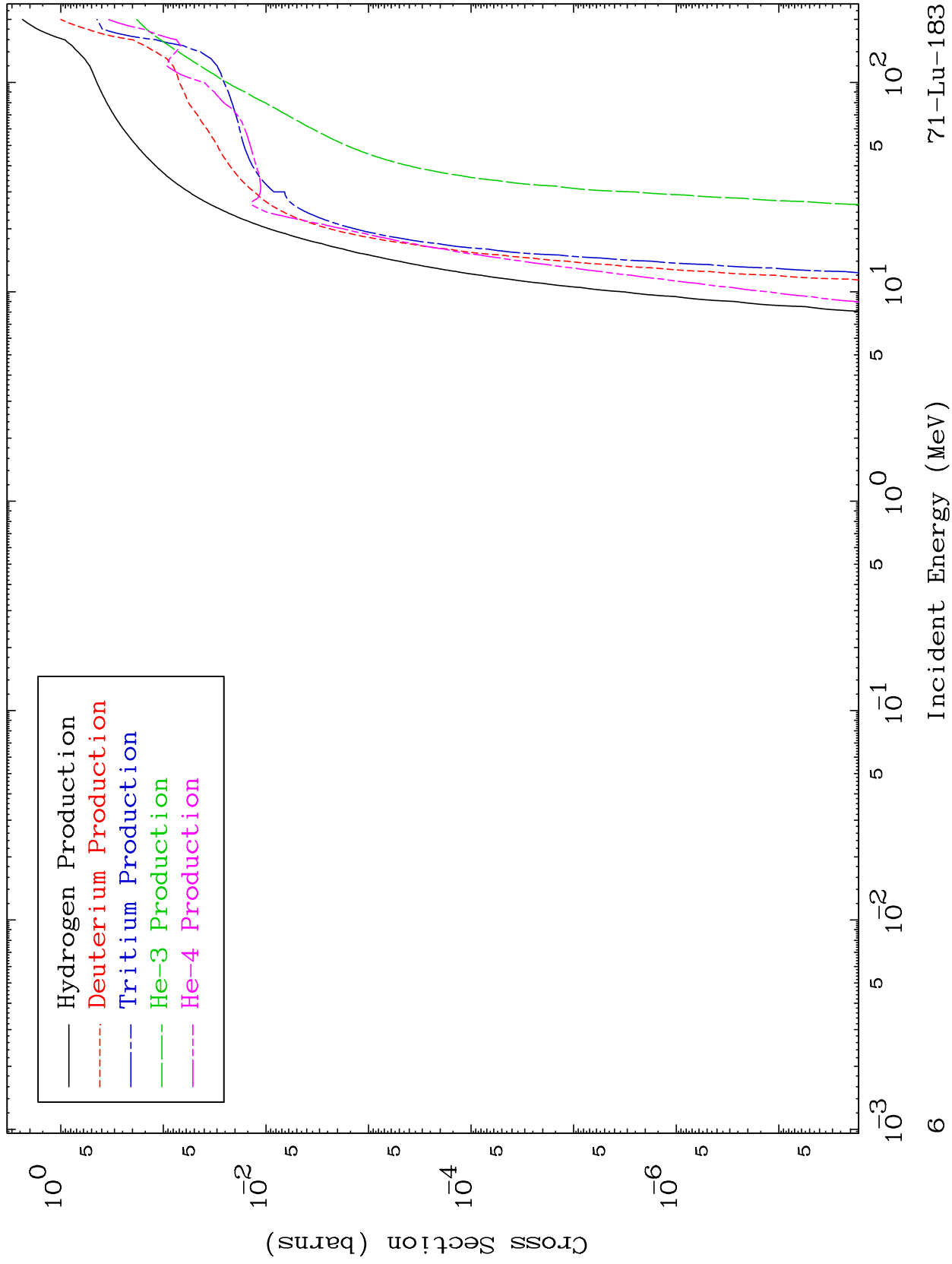
MAT 7149

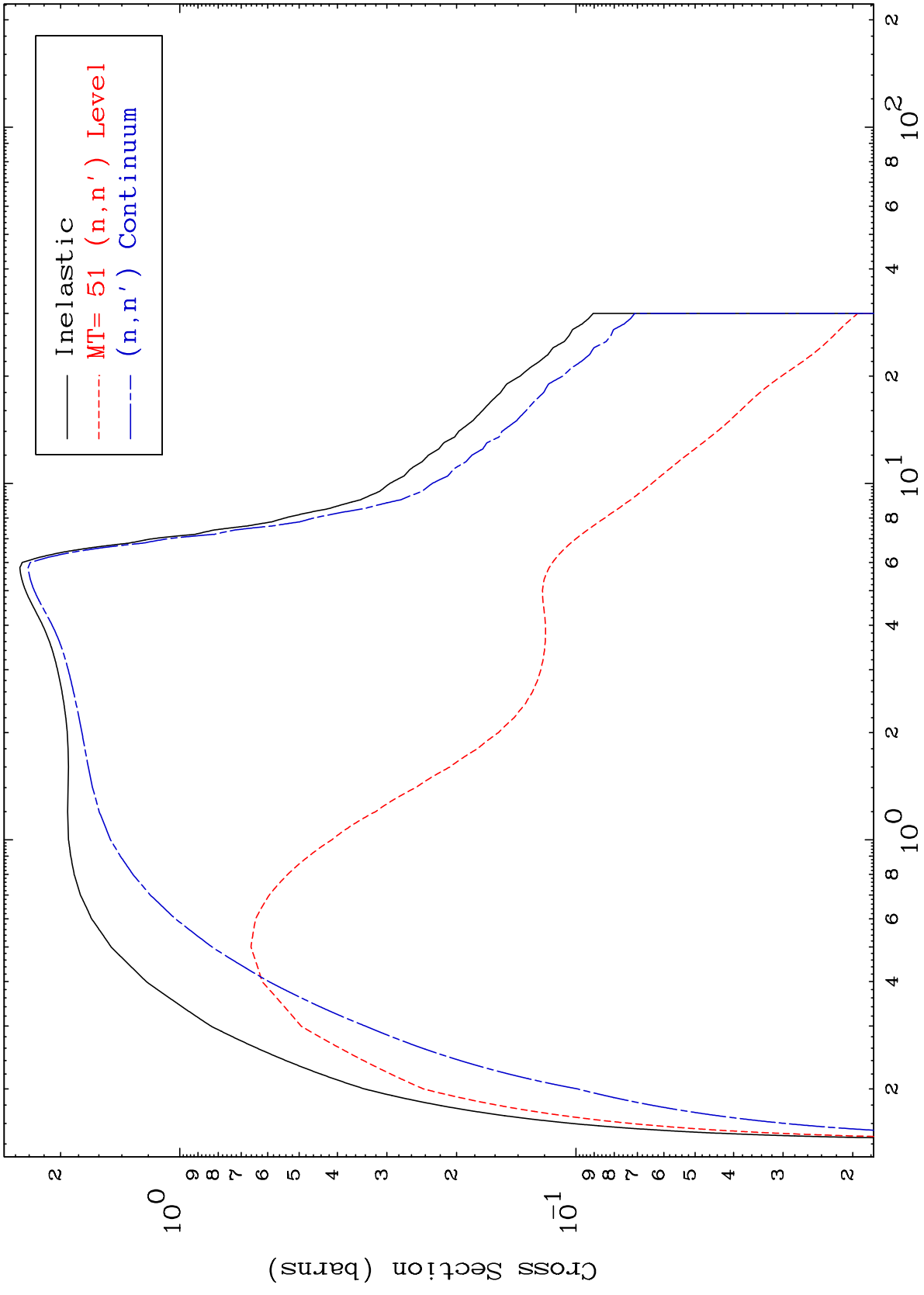
Charged Particle
293 Kelvin Cross Sections

71-Lu-183



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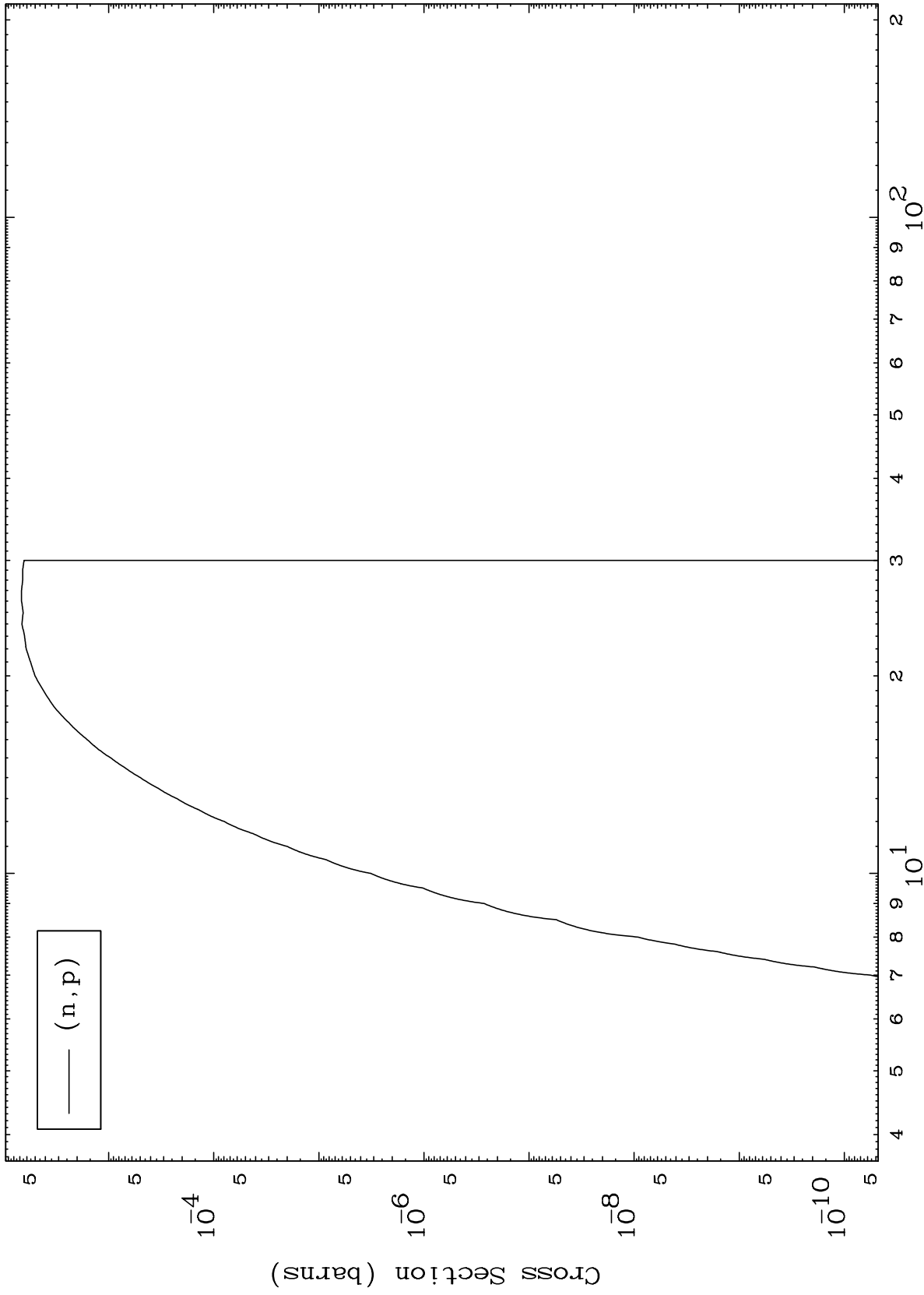




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(n,p) Levels
293 Kelvin Cross Sections

71-Lu-183



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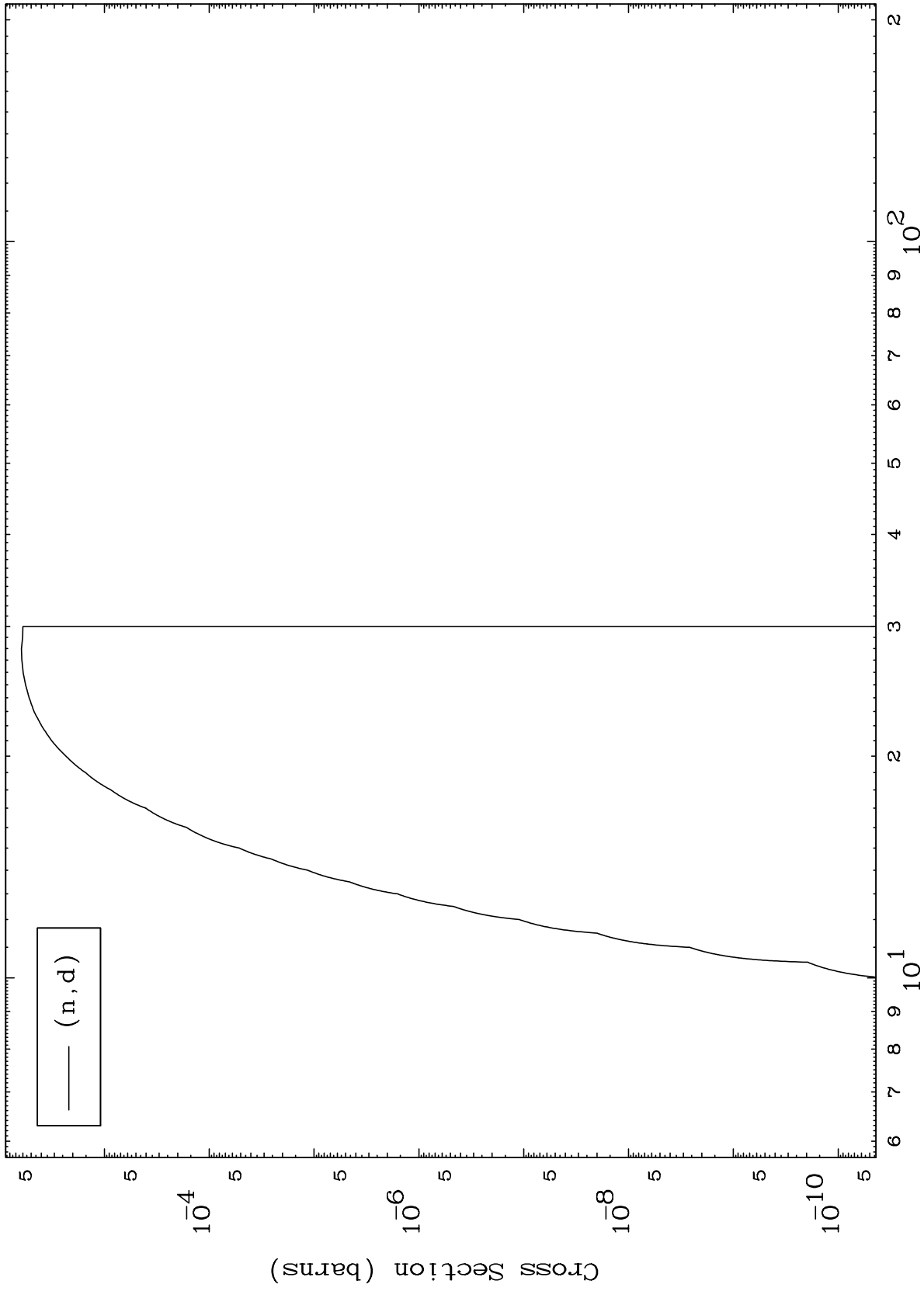
Incident Energy (MeV)

71-Lu-183

MAT 7149

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-183



9

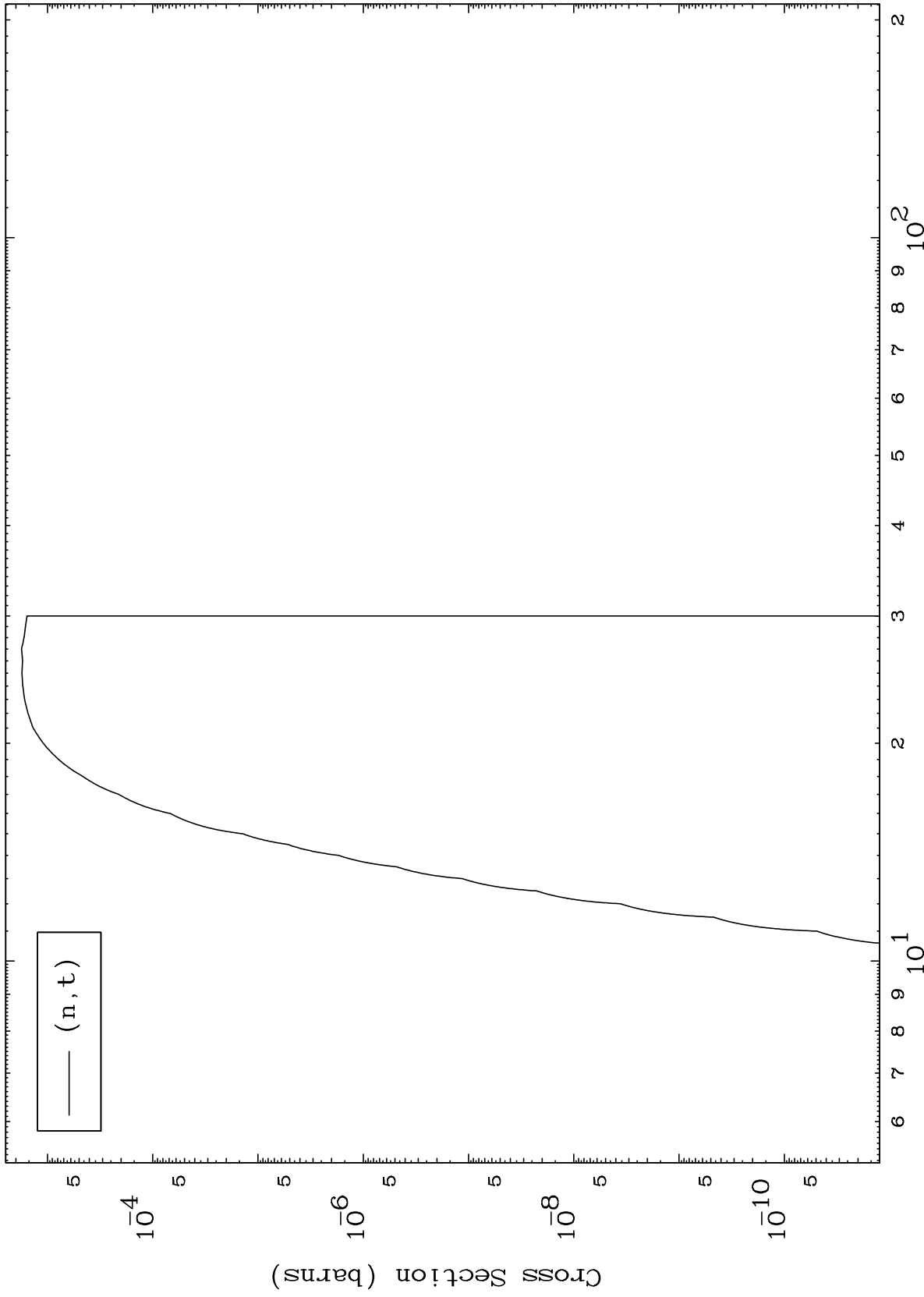
Incident Energy (MeV)

71-Lu-183

MAT 7149

(n,t) Levels
293 Kelvin Cross Sections

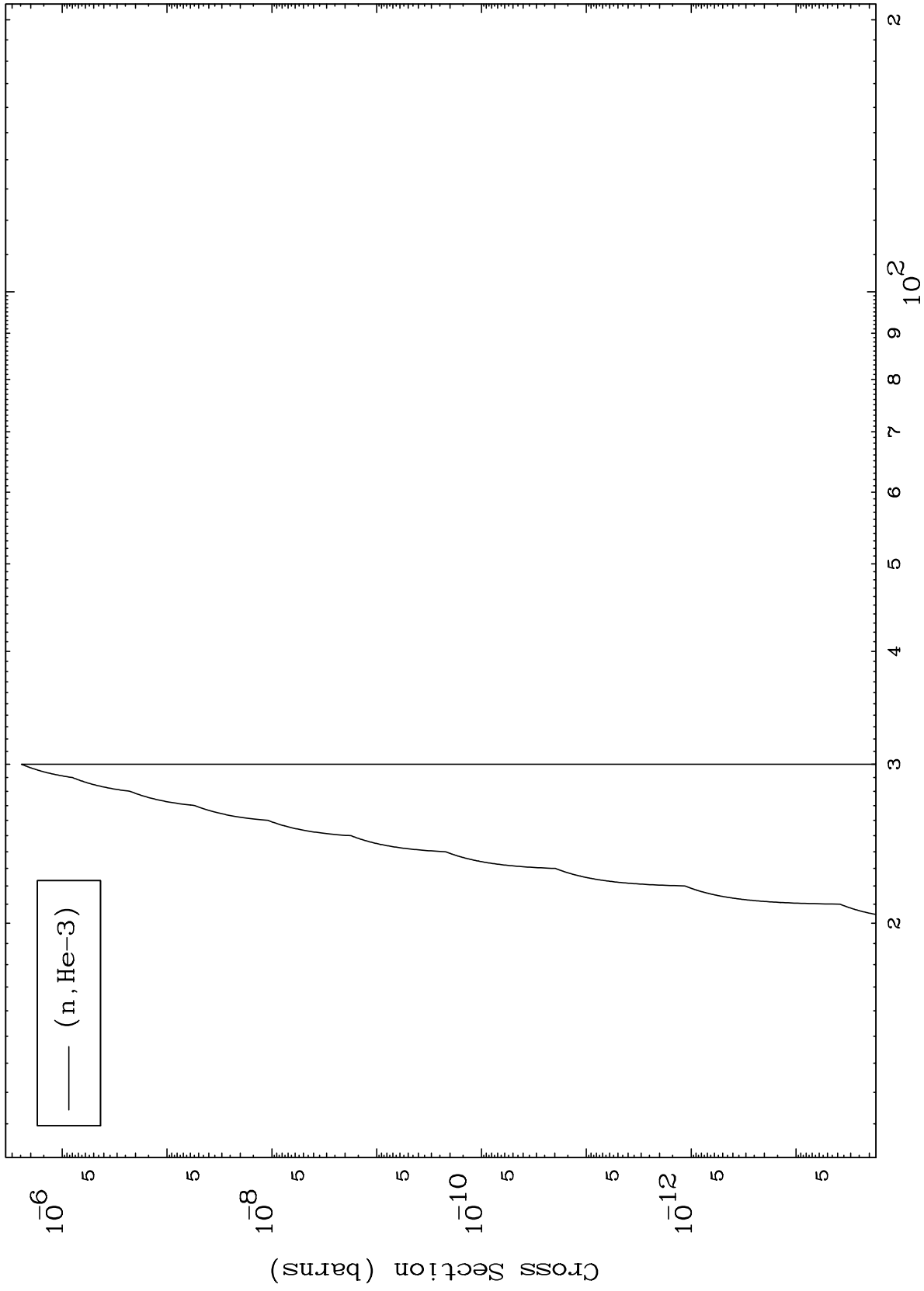
71-Lu-183



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Incident Energy (MeV)

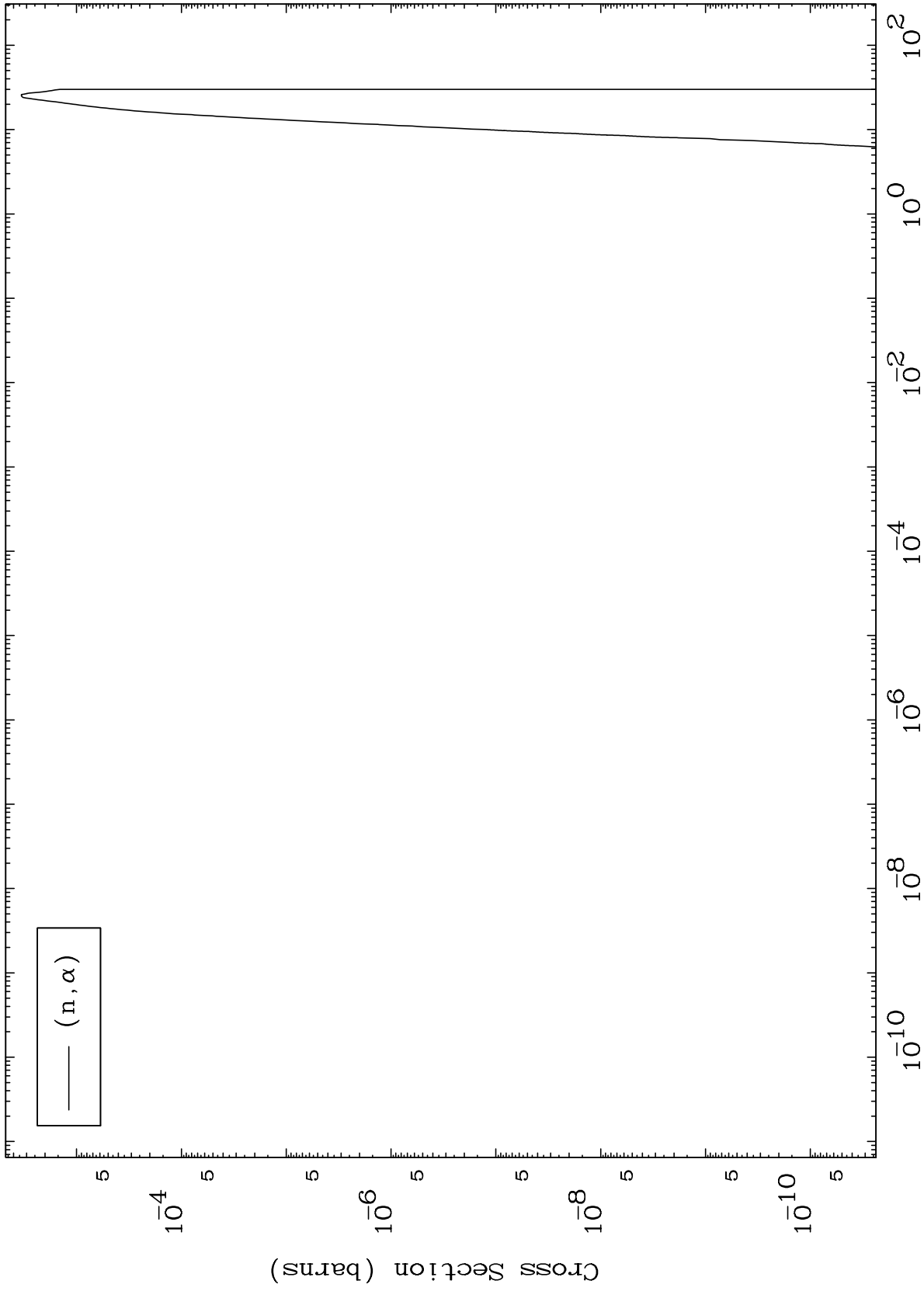
71-Lu-183



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(n,α) Levels
293 Kelvin Cross Sections

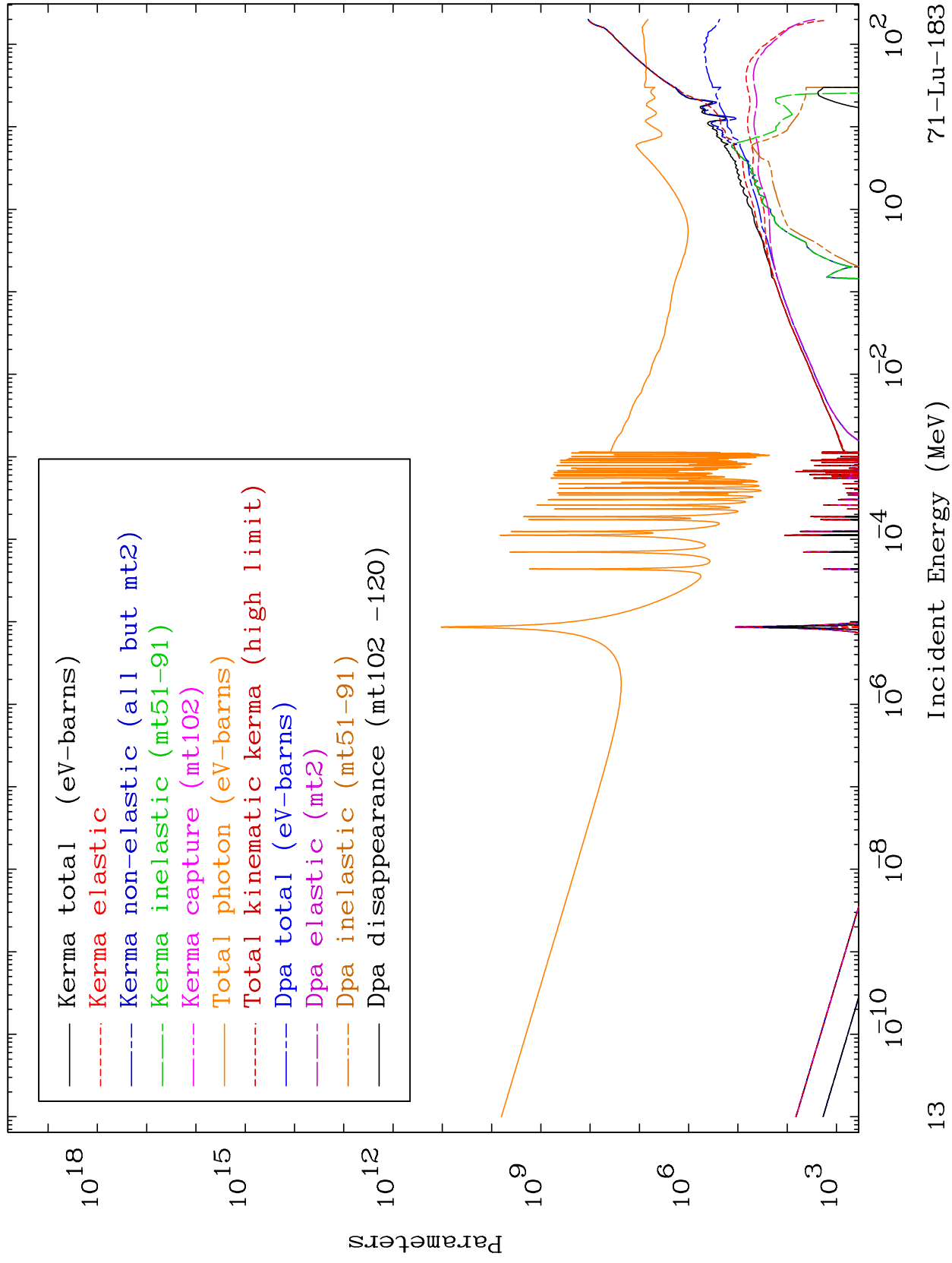
71-Lu-183



12

Incident Energy (MeV)

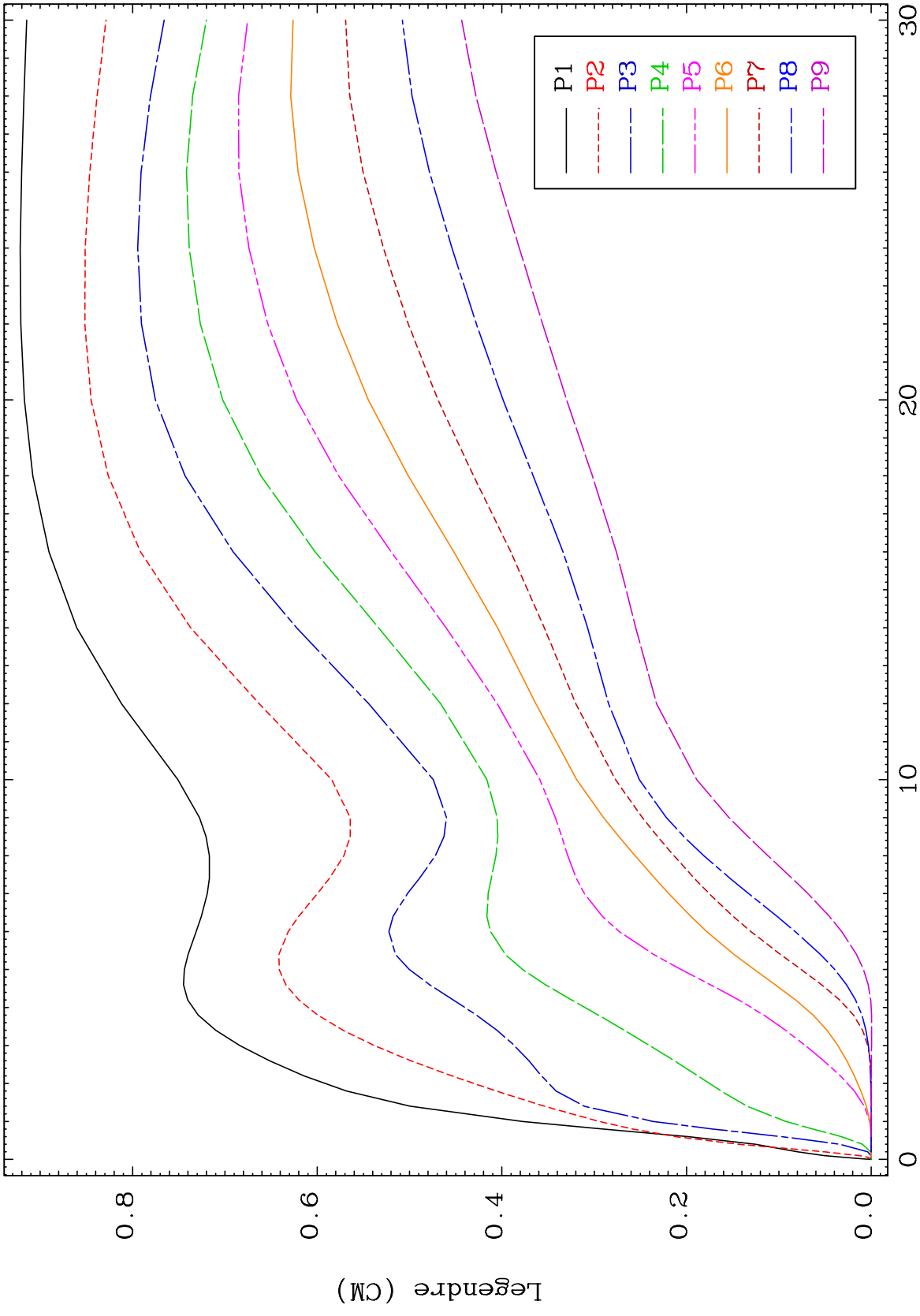
71-Lu-183



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71-Lu-183

Elastic Legendre Coefficients



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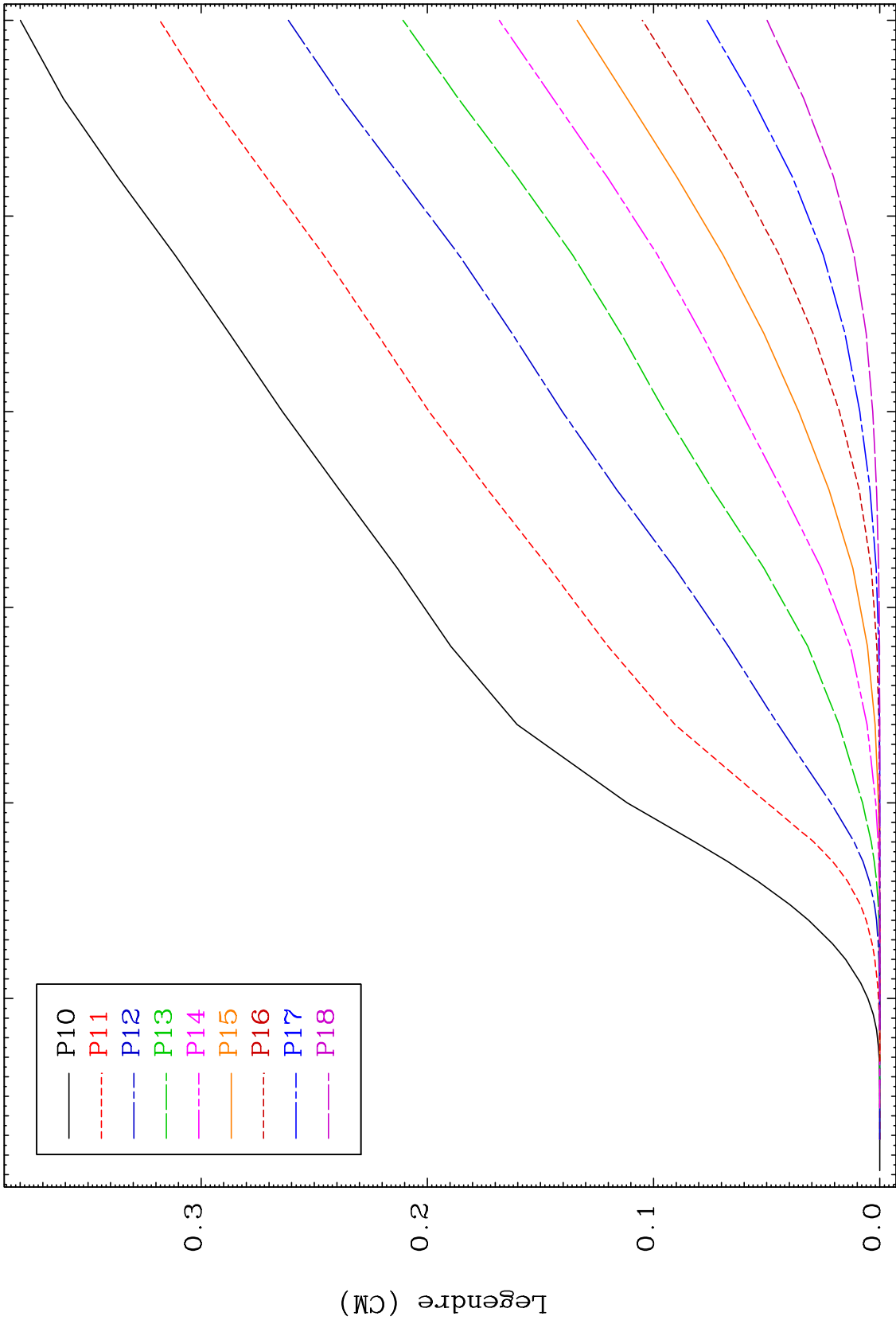
Incident Energy (MeV)

71-Lu-183

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Elastic Legendre Coefficients

⁷¹Lu-183



15

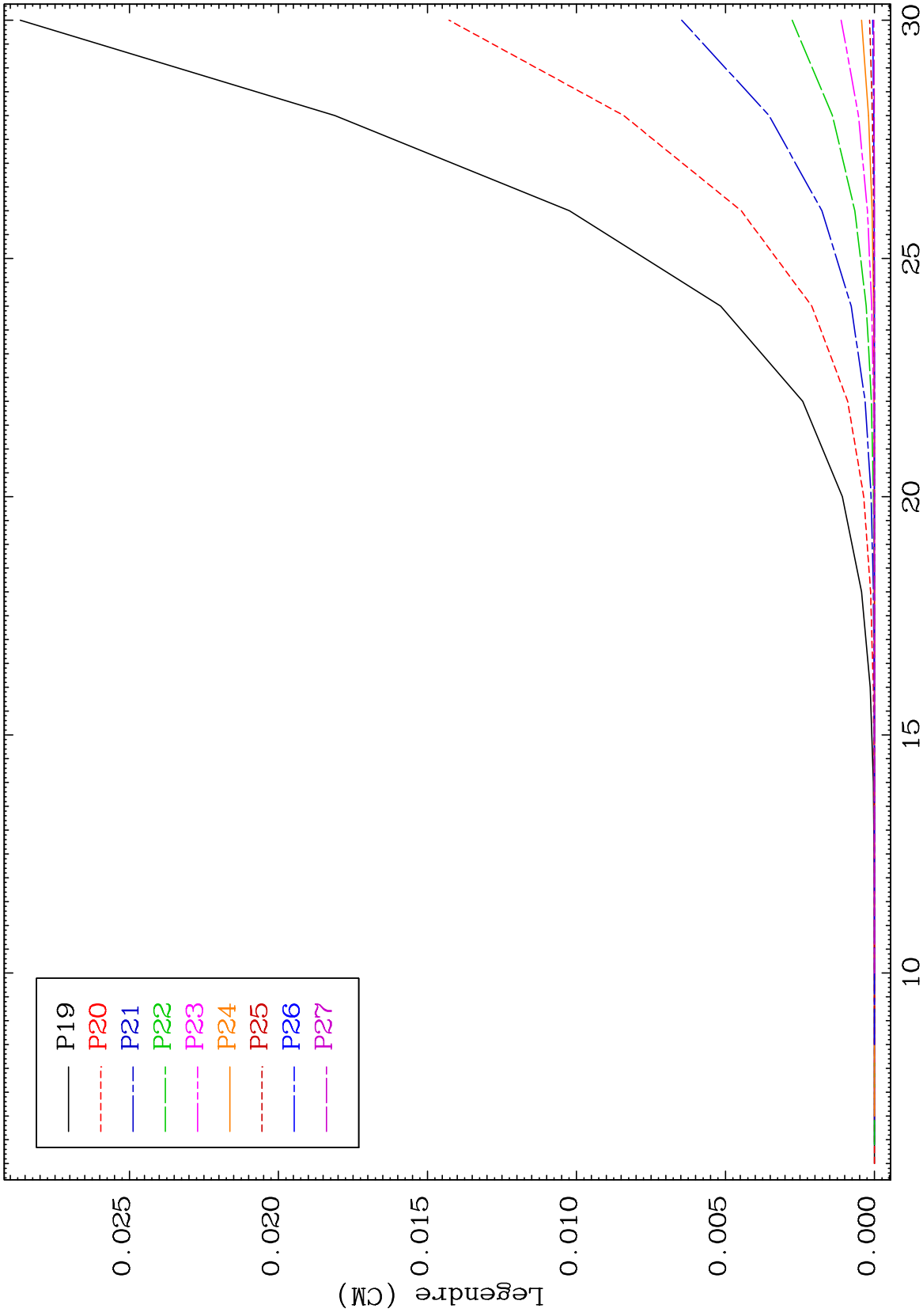
Incident Energy (MeV)

⁷¹Lu-183

MAT 7149

Elastic Legendre Coefficients

71-Lu-183



16

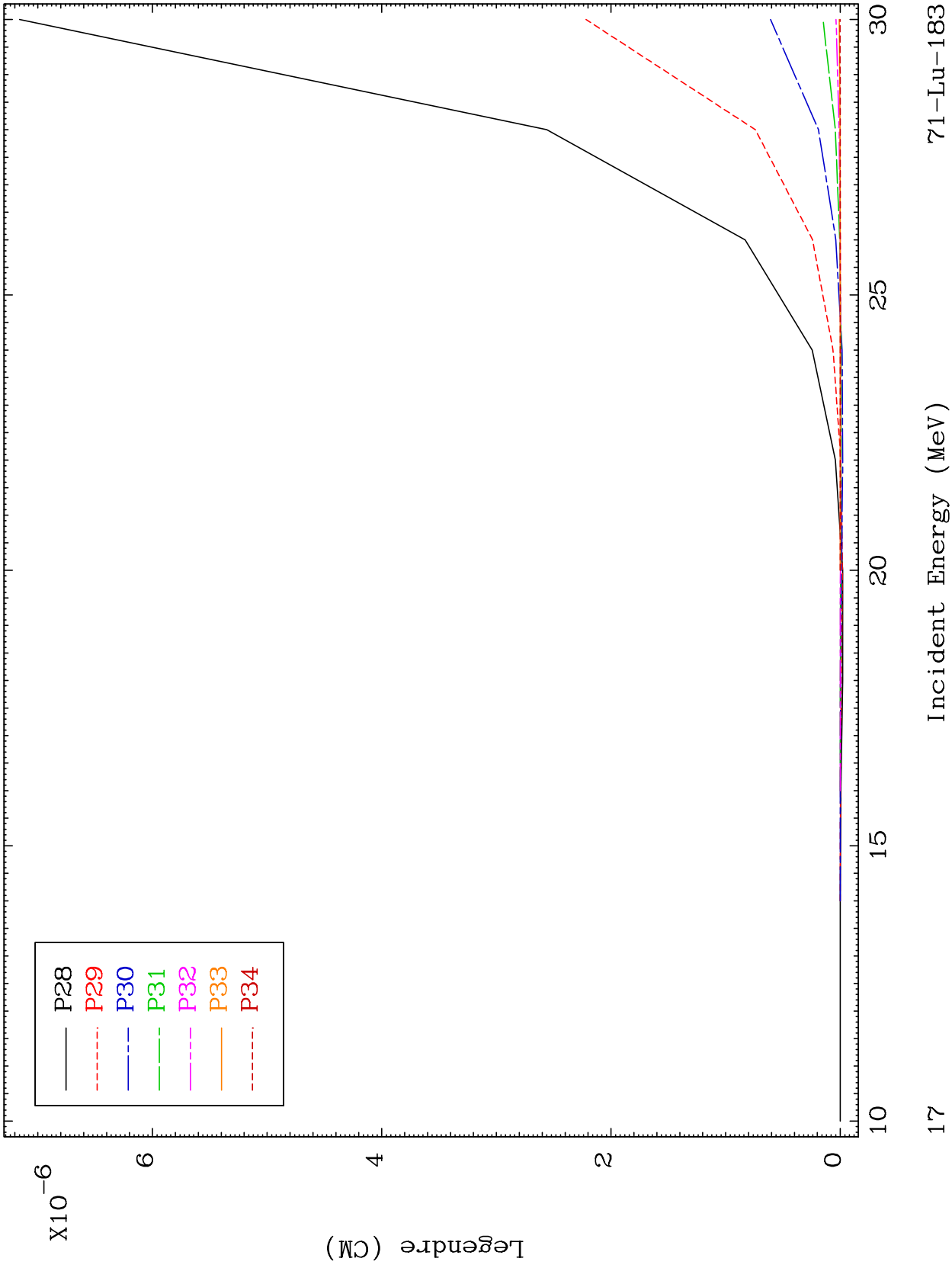
Incident Energy (MeV)

71-Lu-183

MAT 7149

Elastic Legendre Coefficients

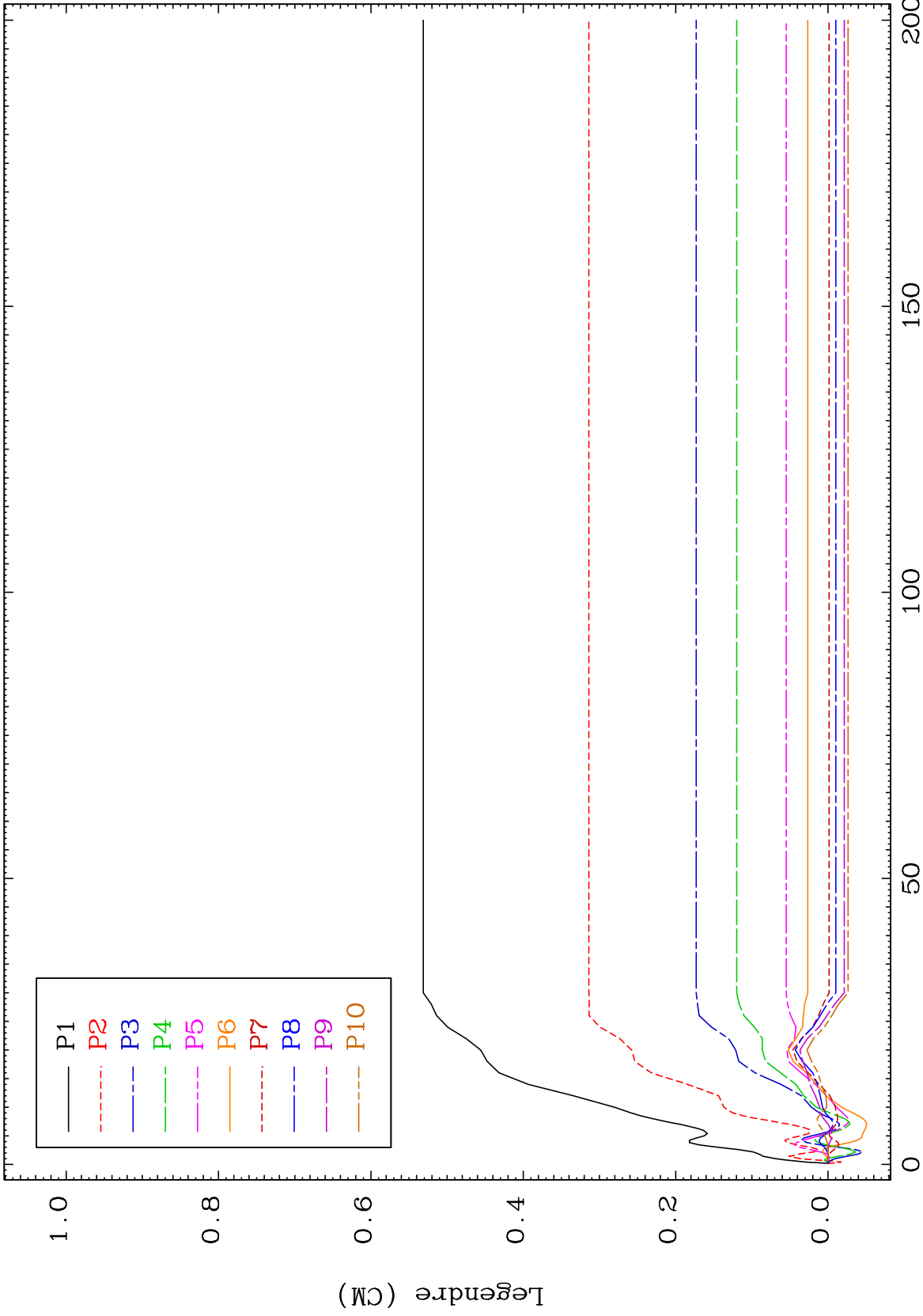
71-Lu-183



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

71-Lu-183



18

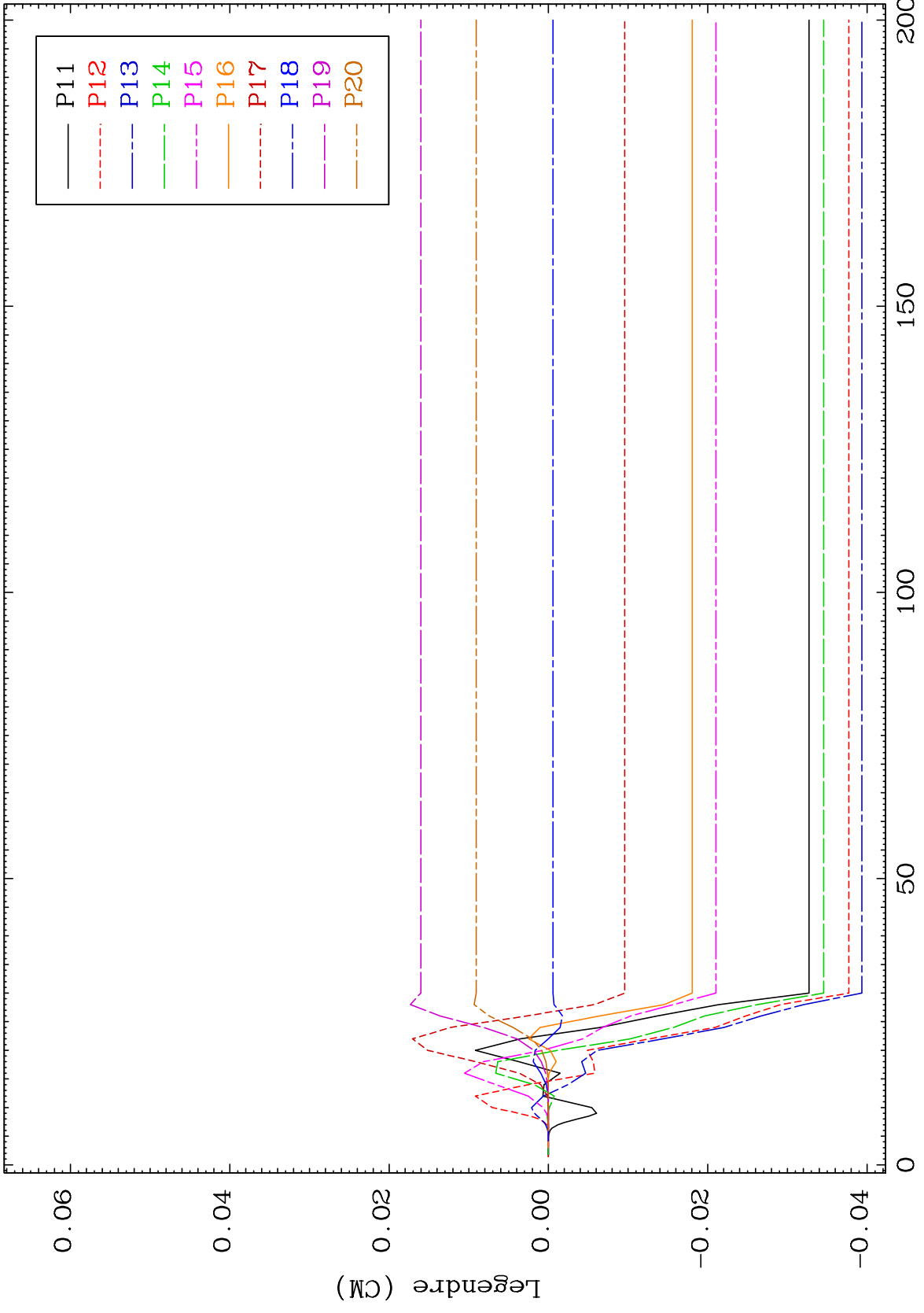
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



19

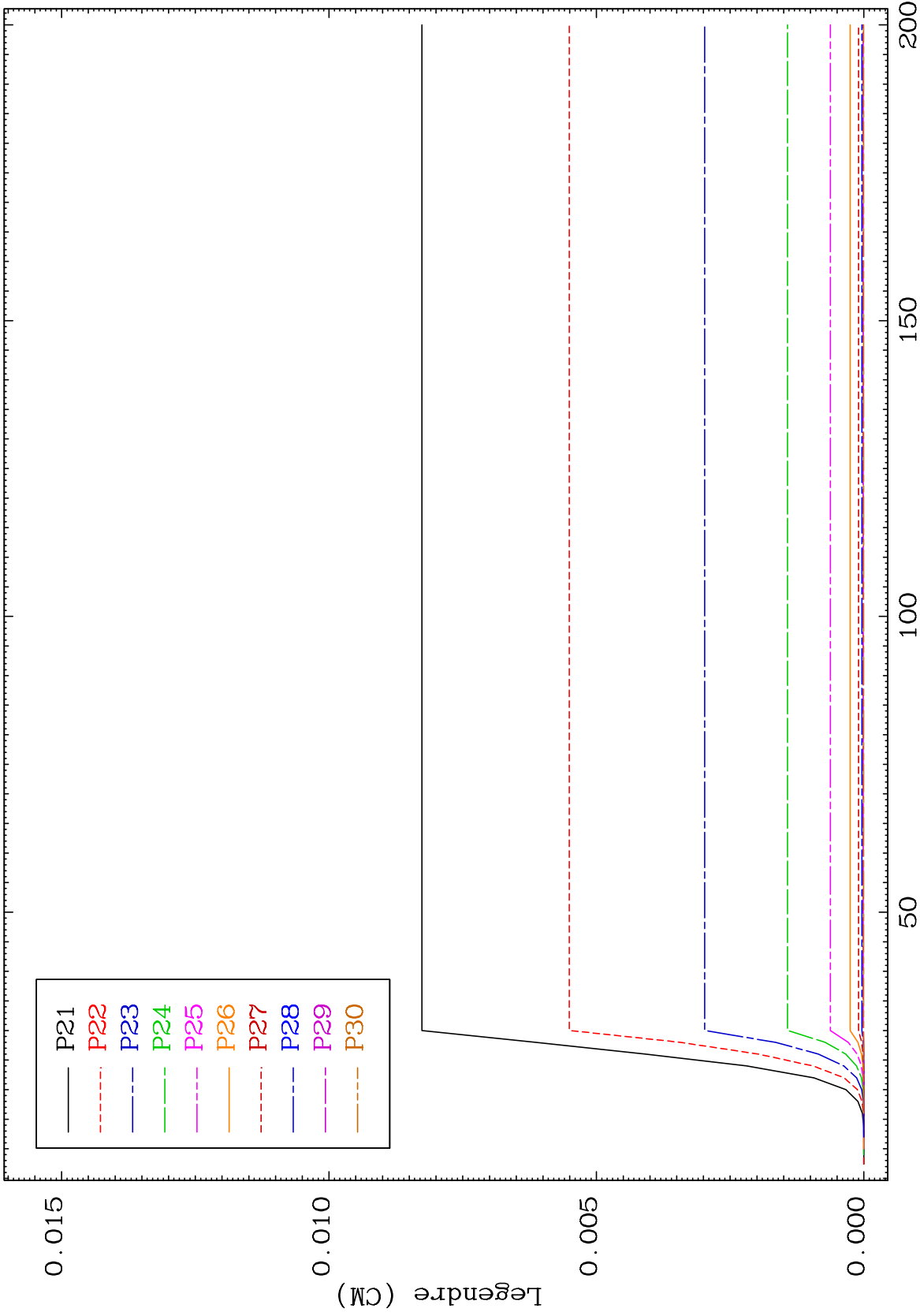
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



20

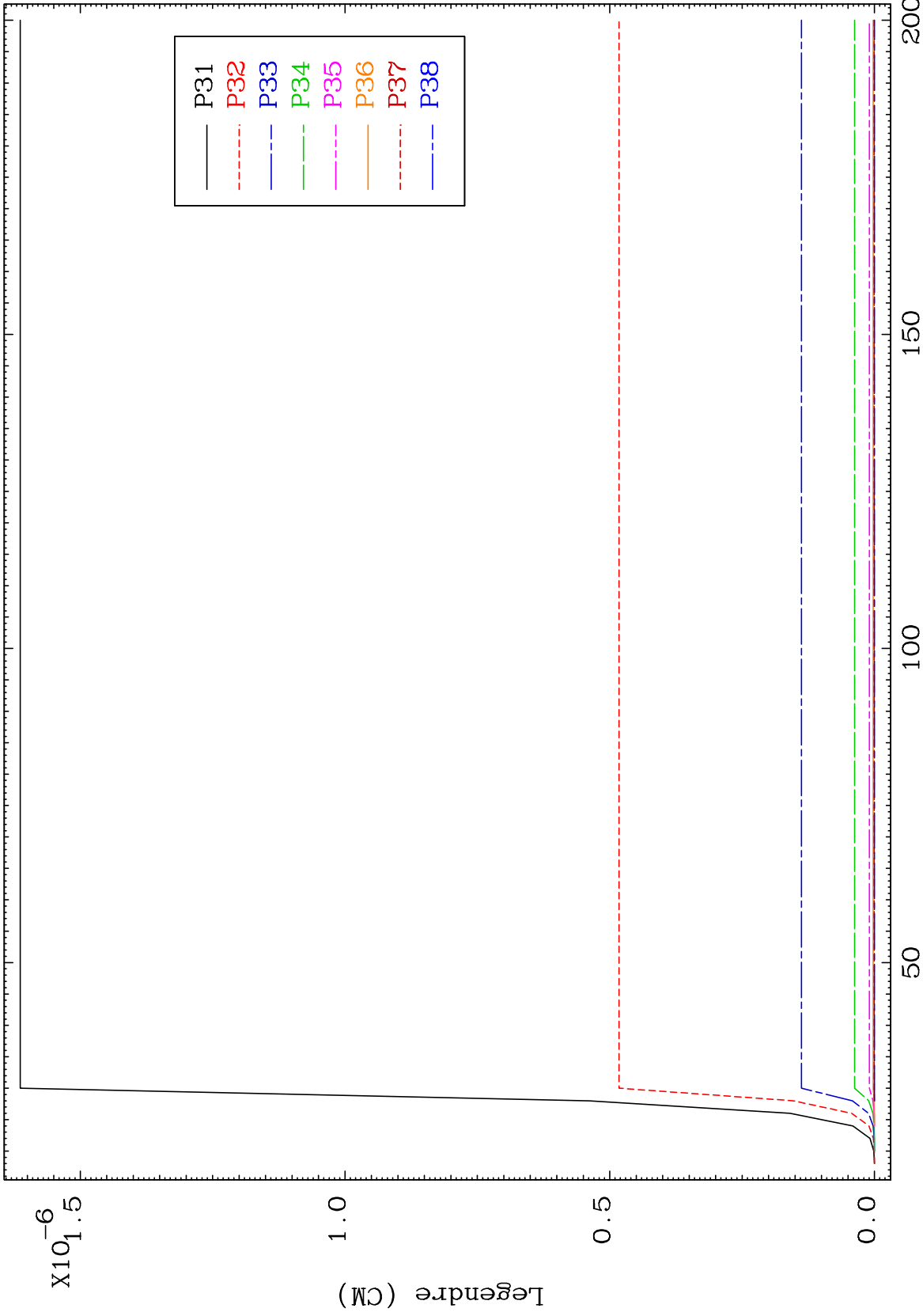
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



21

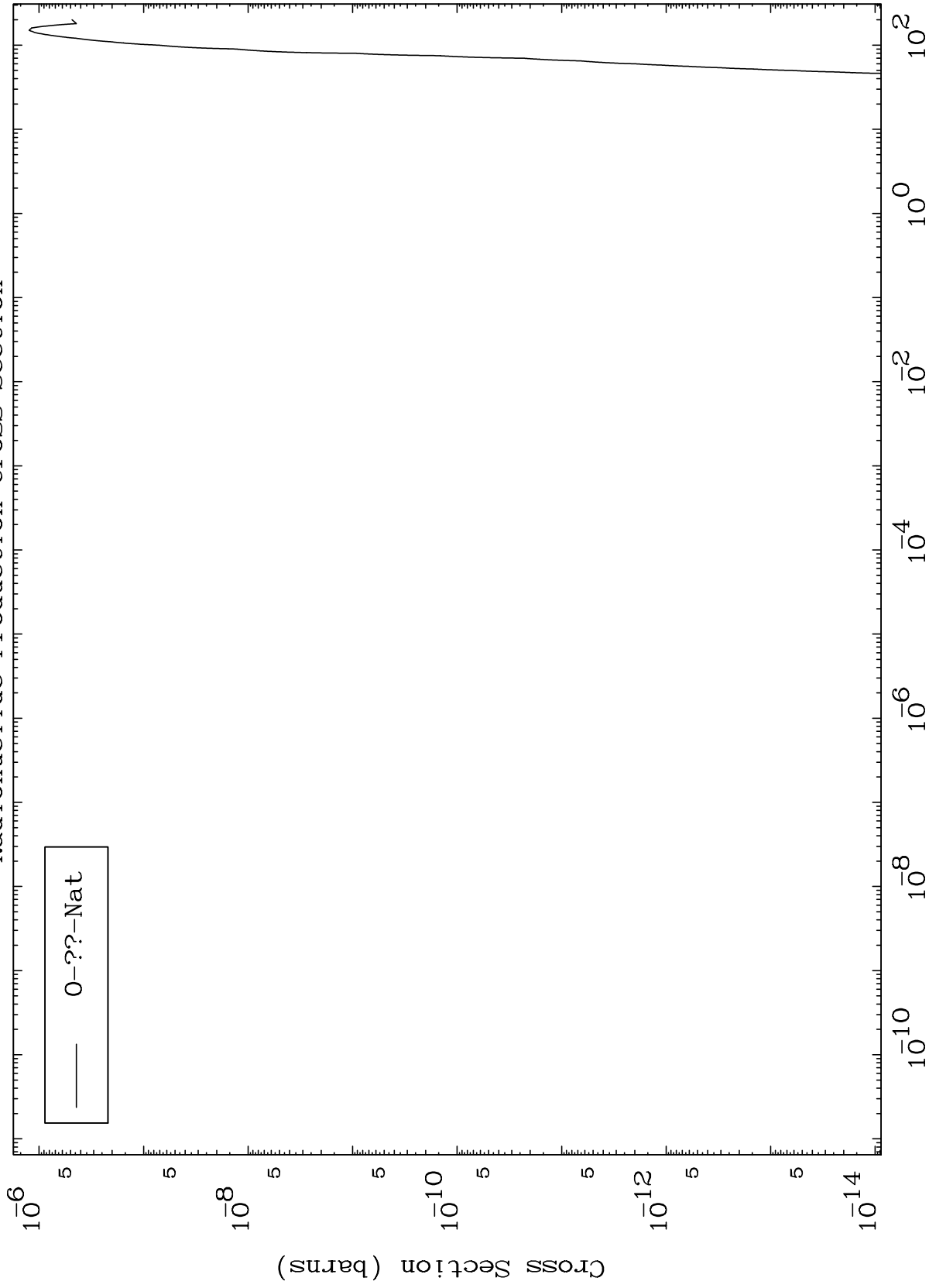
71-Lu-183

MAT 7149

Fission

⁷¹Lu-183

Radionuclide Production Cross Section



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Incident Energy (MeV)

⁷¹Lu-183