

Program EVALPLOT
(Version 2021-1)

by

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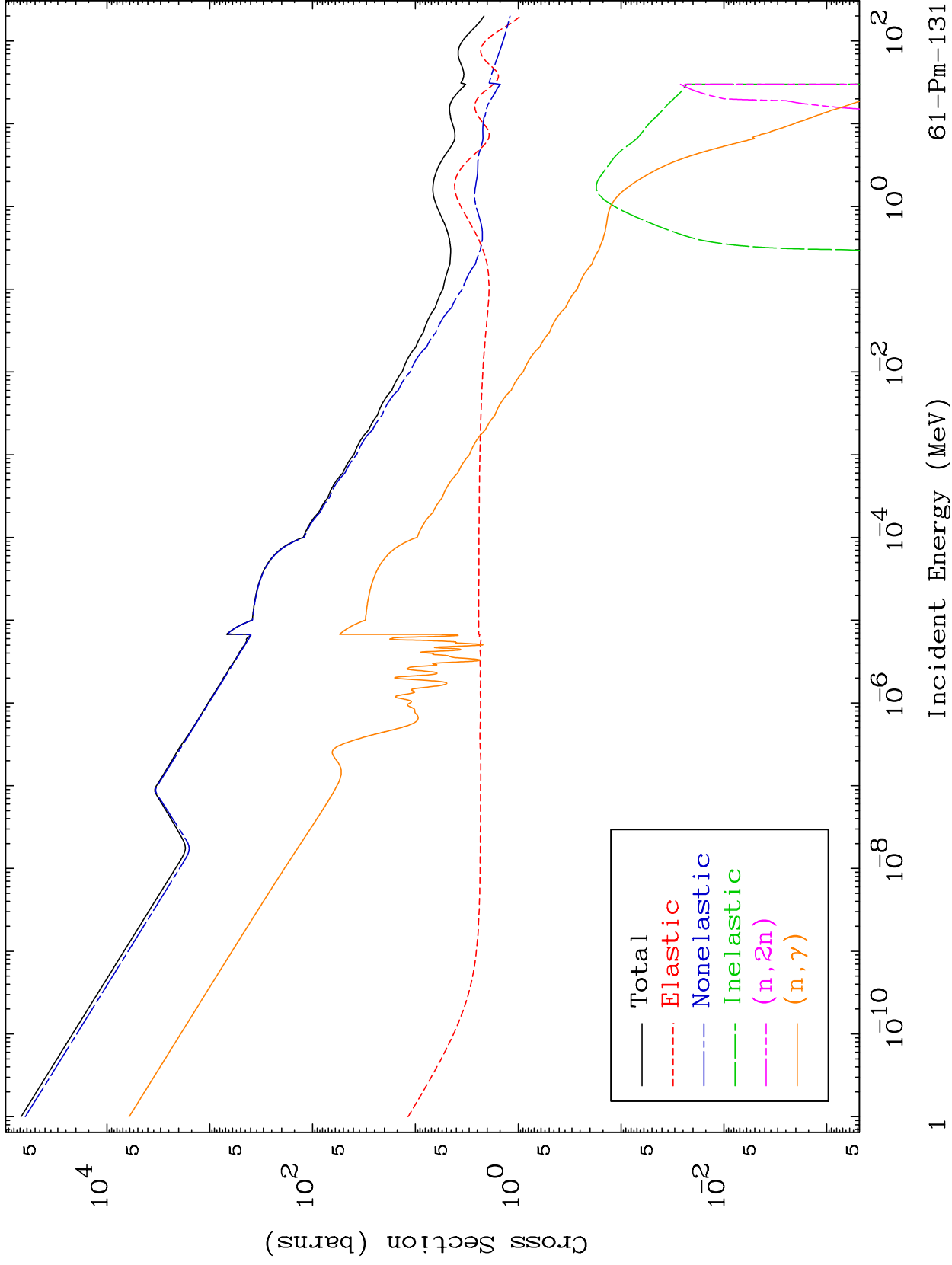
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6101

Neutron Major
293 Kelvin Cross Sections

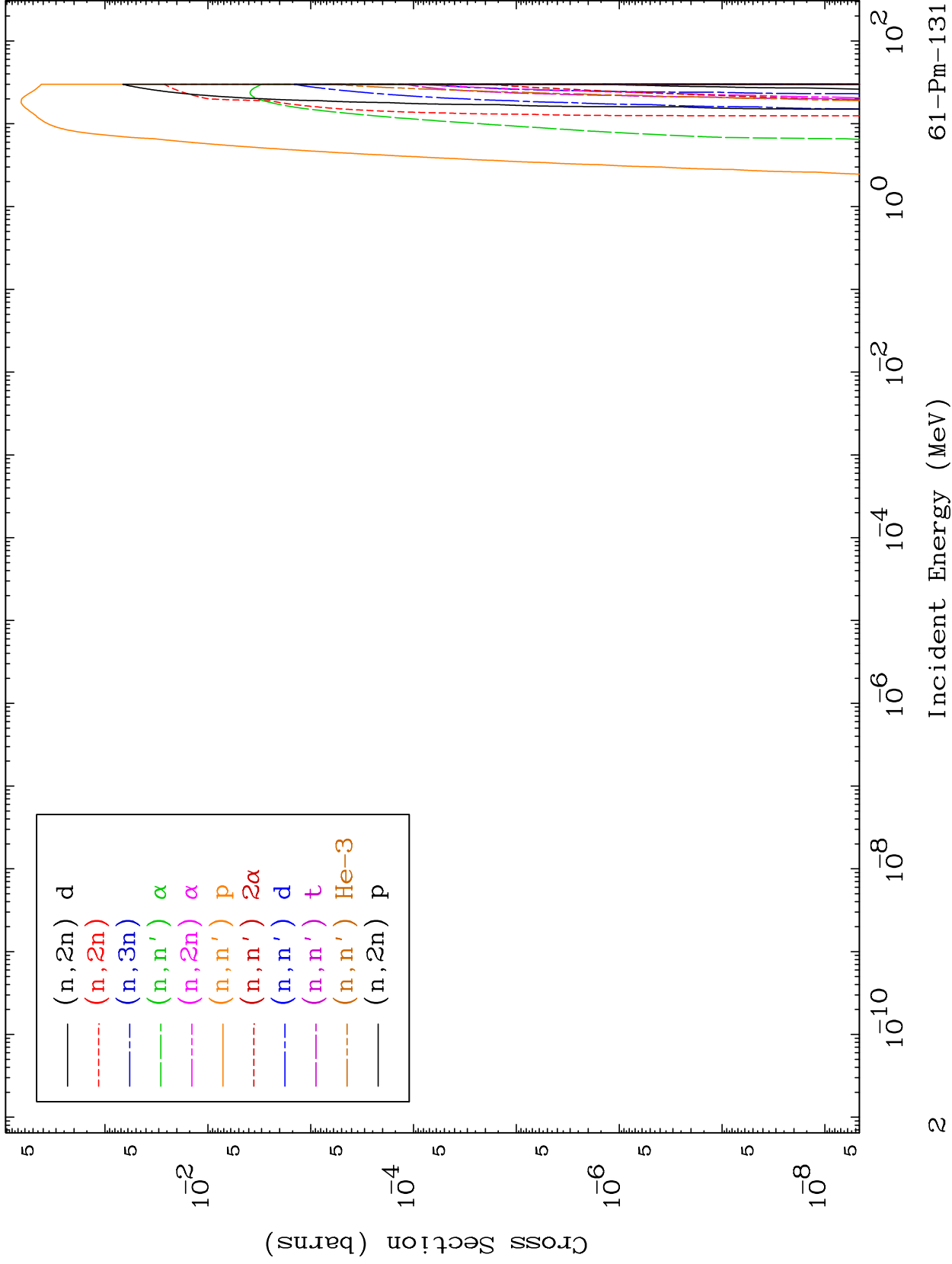
61-Pm-131



MAT 6101

Neutron Absorption
293 Kelvin Cross Sections

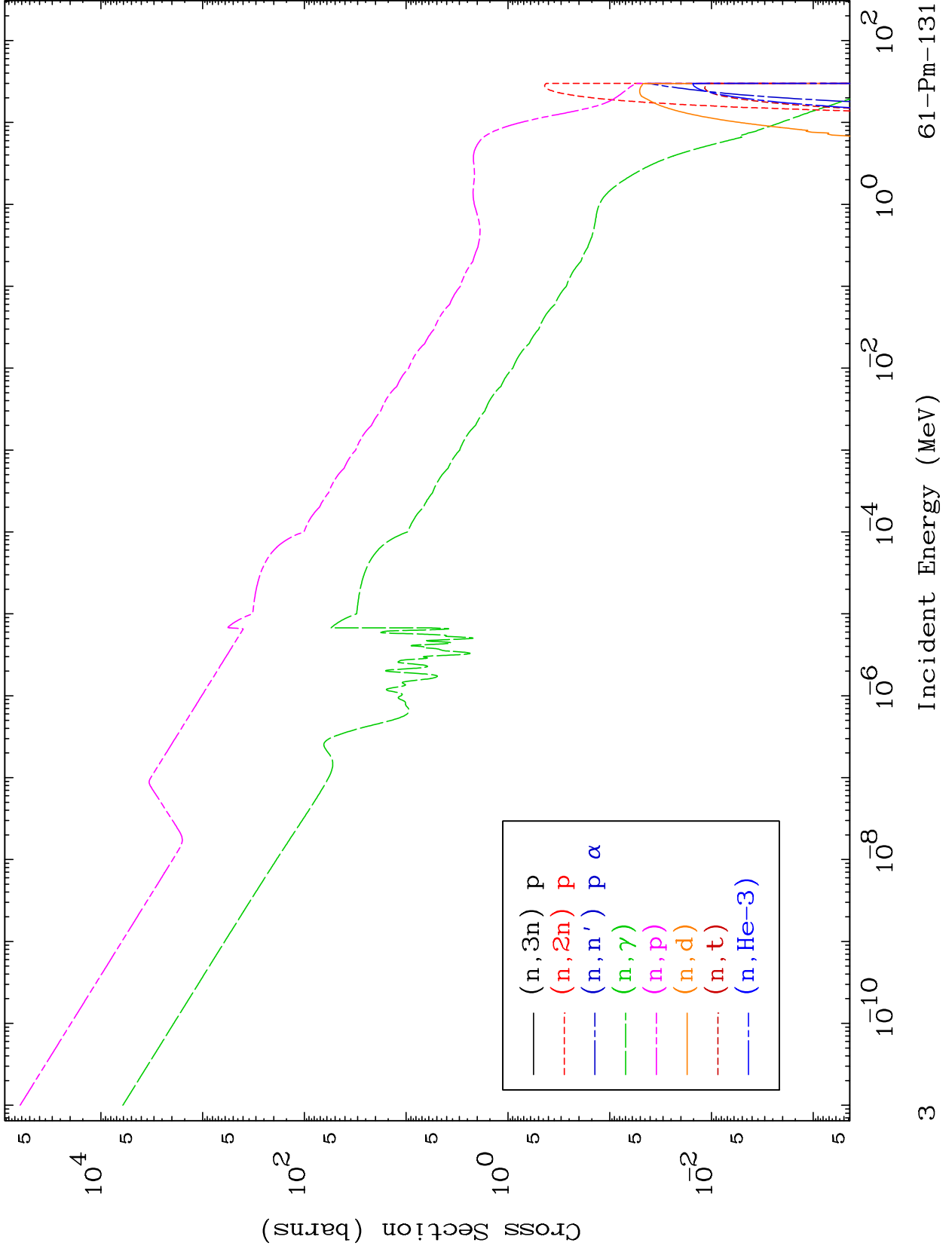
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MAT 6101

Neutron Absorption
293 Kelvin Cross Sections

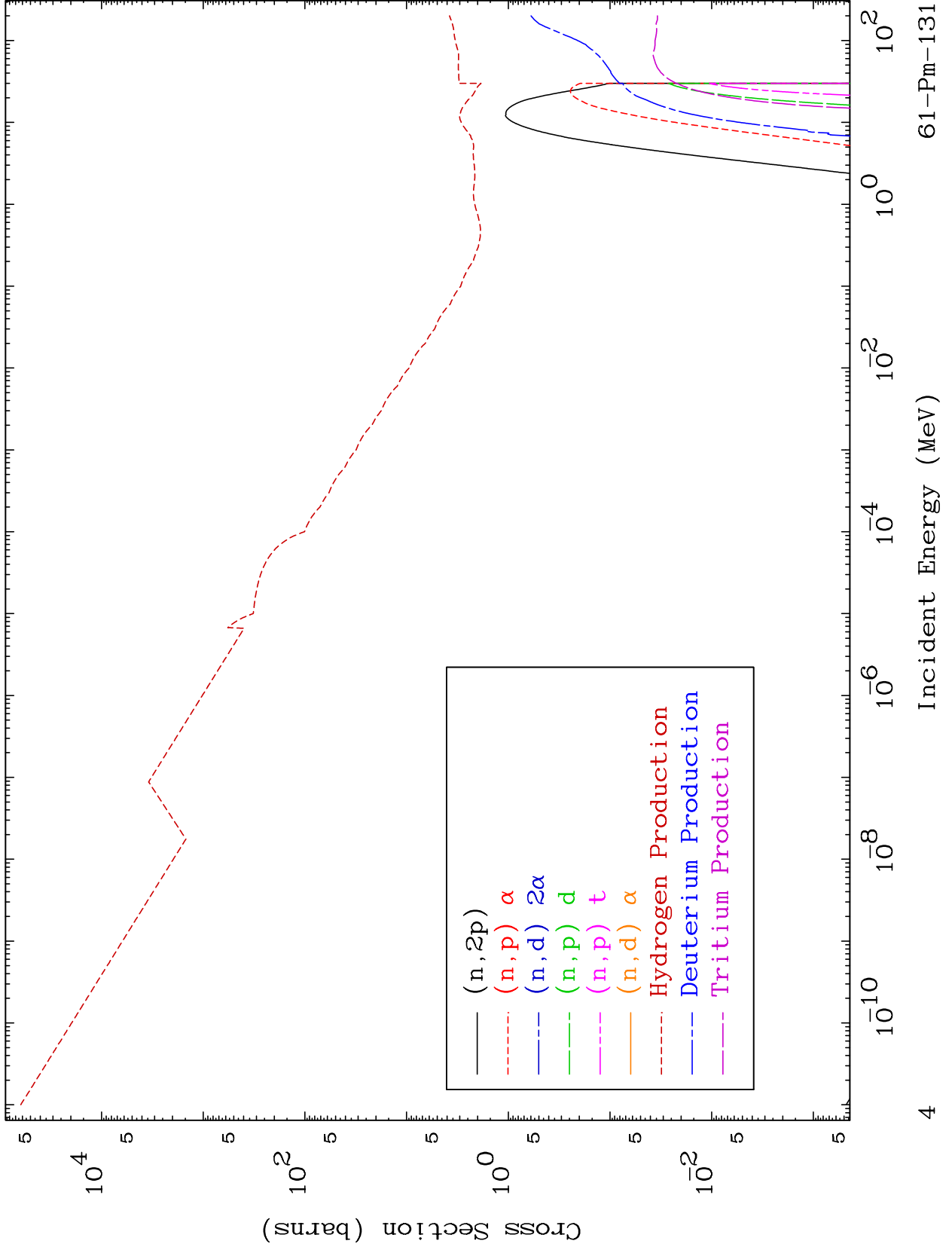
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MAT 6101

Neutron Absorption
293 Kelvin Cross Sections

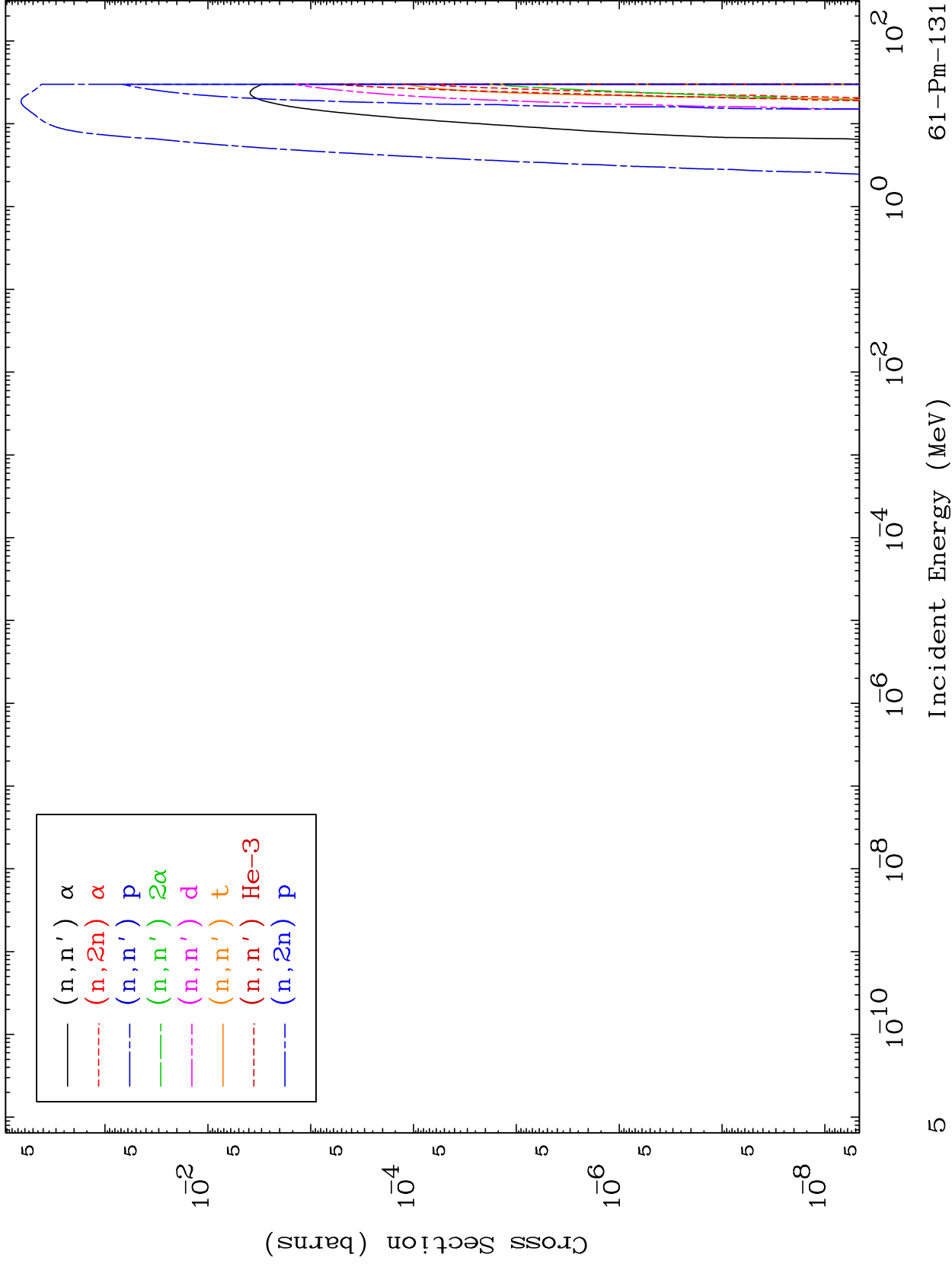
61-Pm-131



MAT 6101

Charged Particle
293 Kelvin Cross Sections

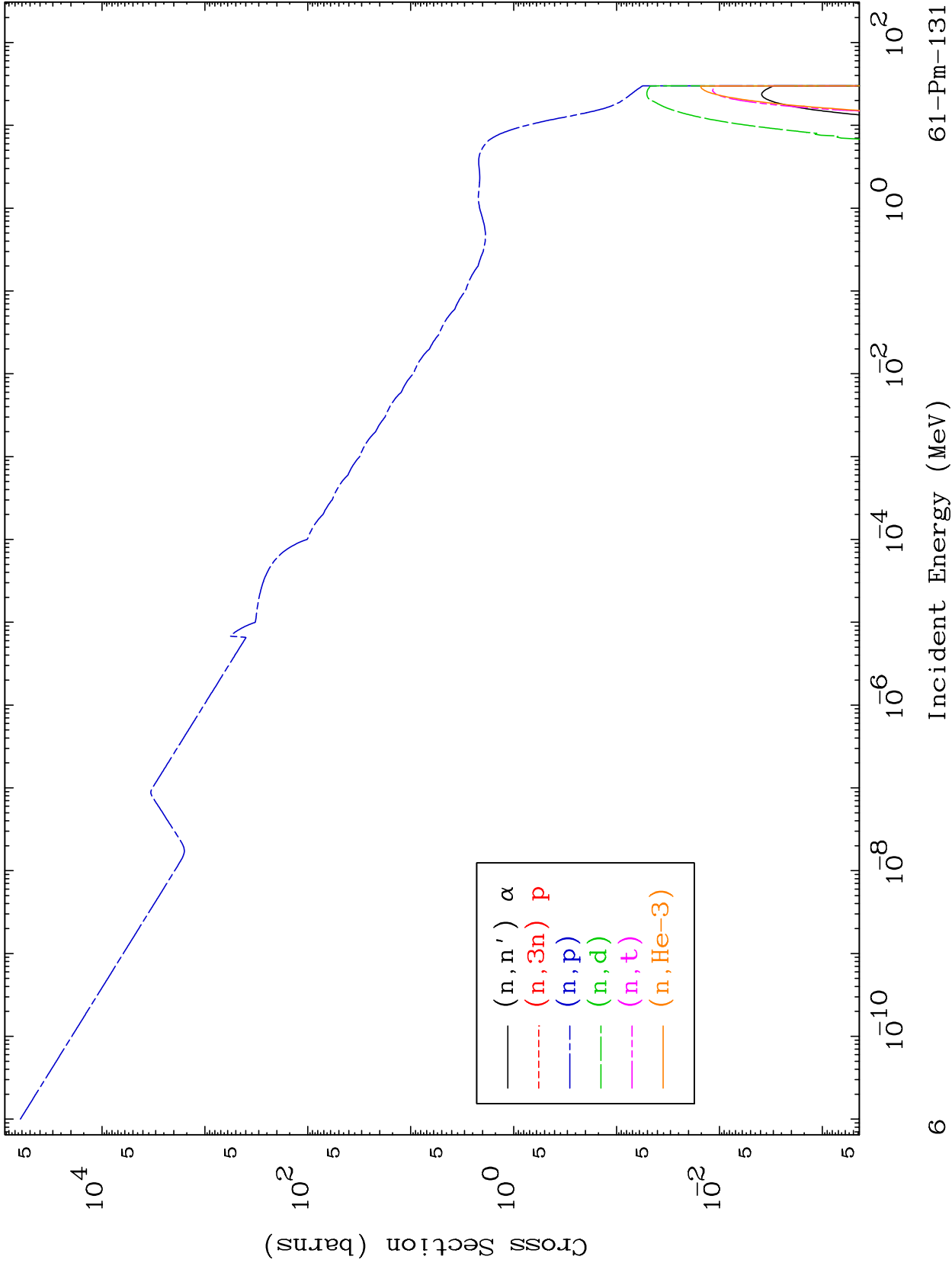
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MAT 6101

Charged Particle
293 Kelvin Cross Sections

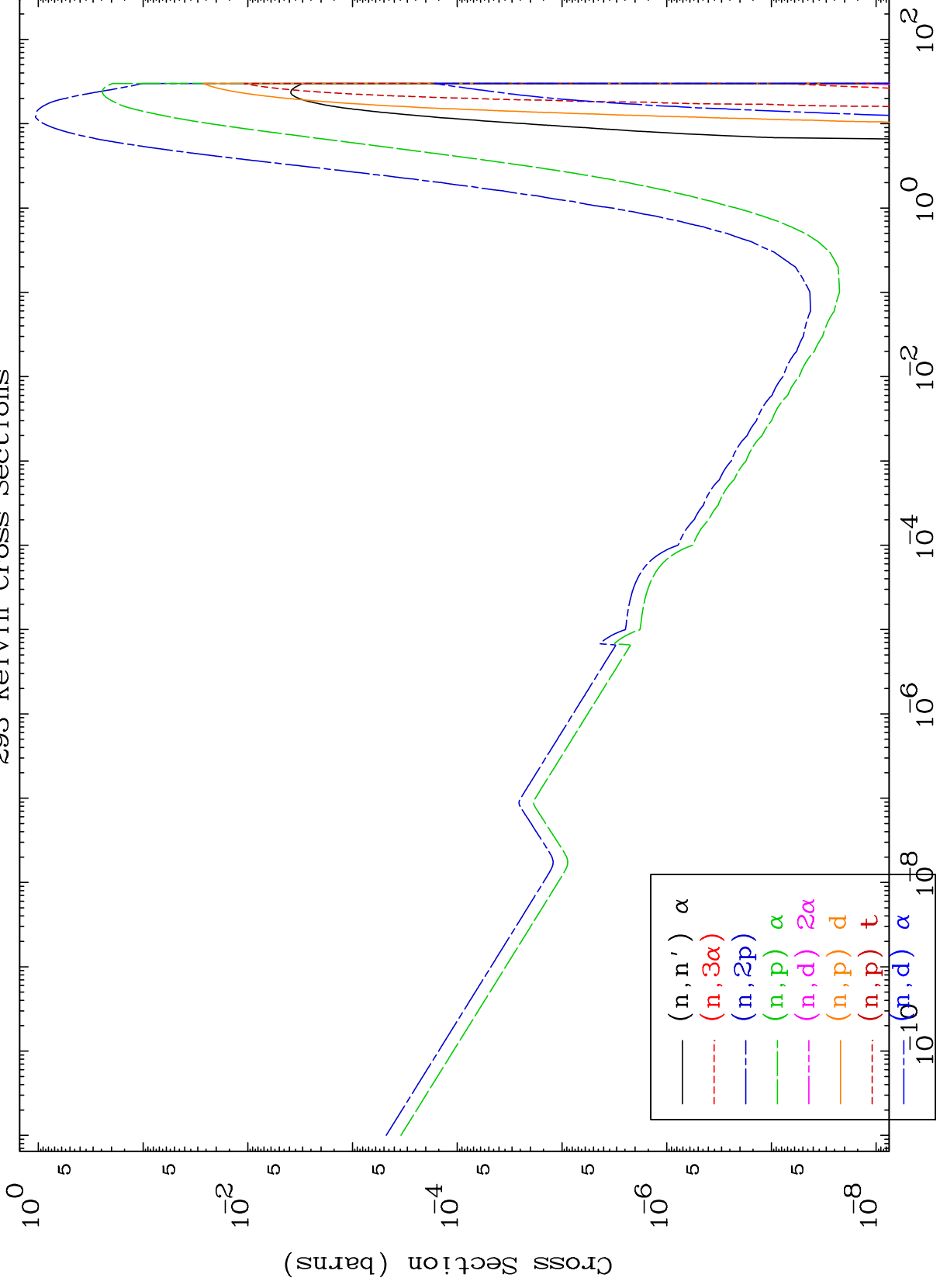
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MAT 6101

Charged Particle
293 Kelvin Cross Sections

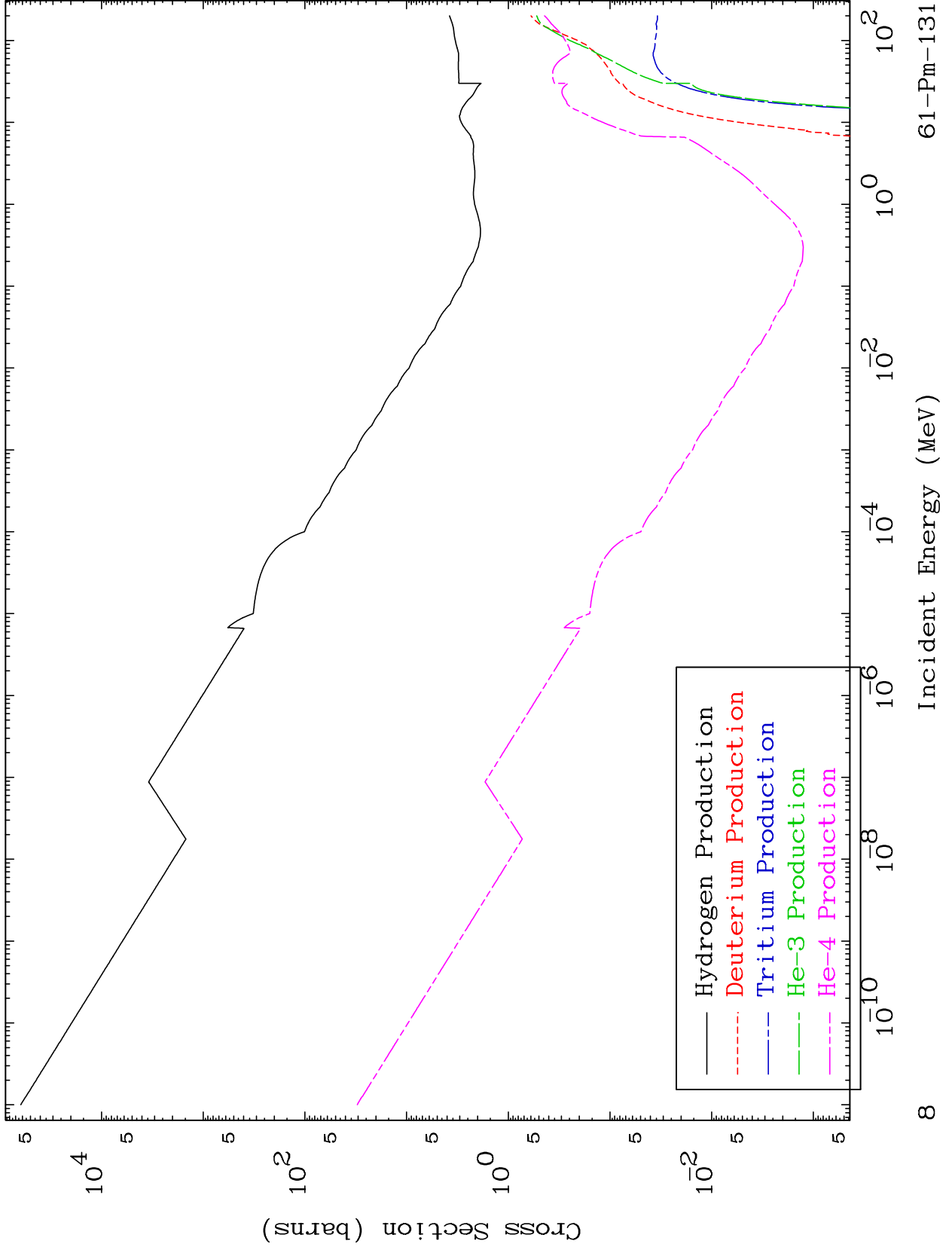
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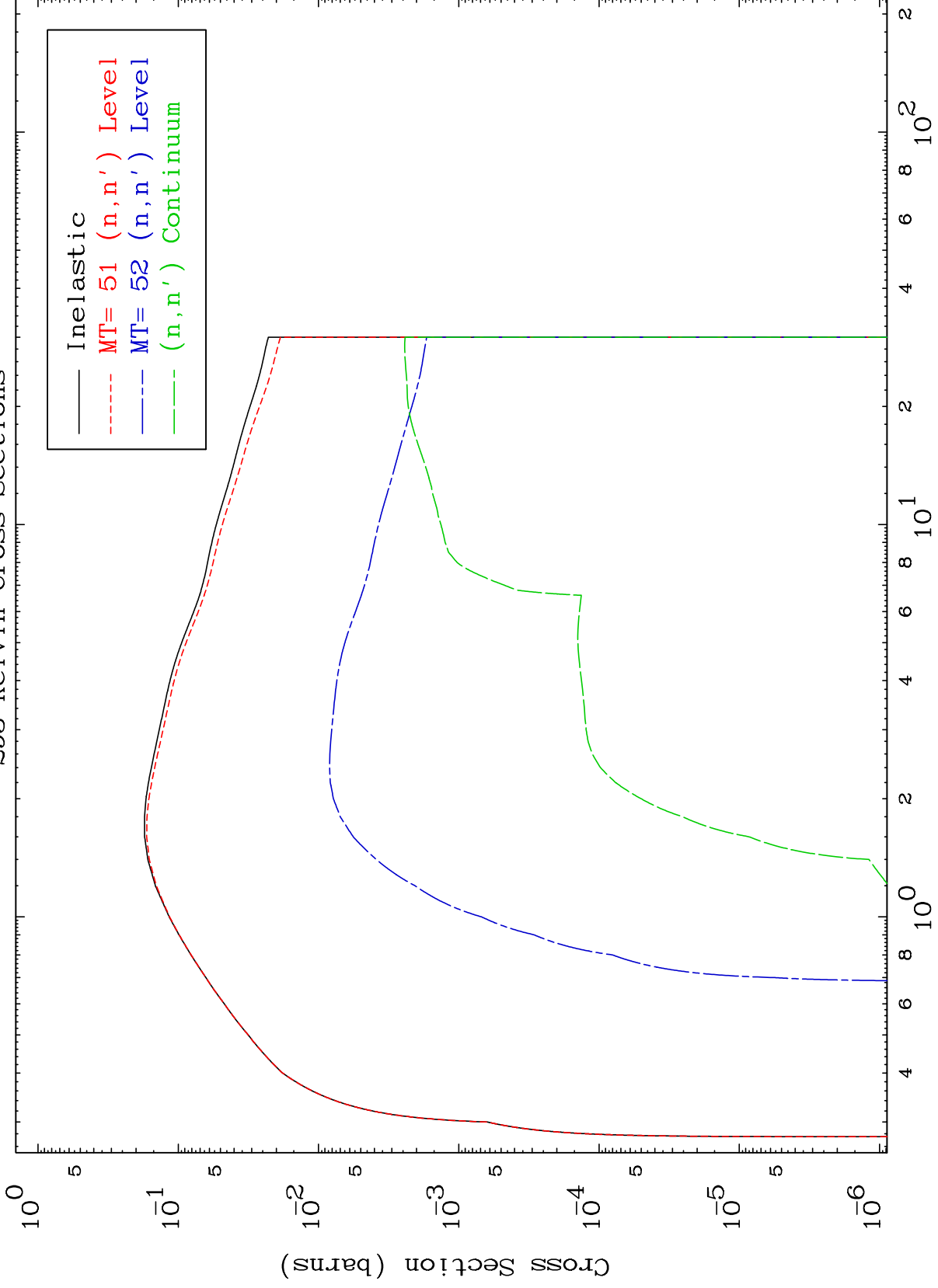
MAT 6101

Particle Production
293 Kelvin Cross Sections

61-Pm-131



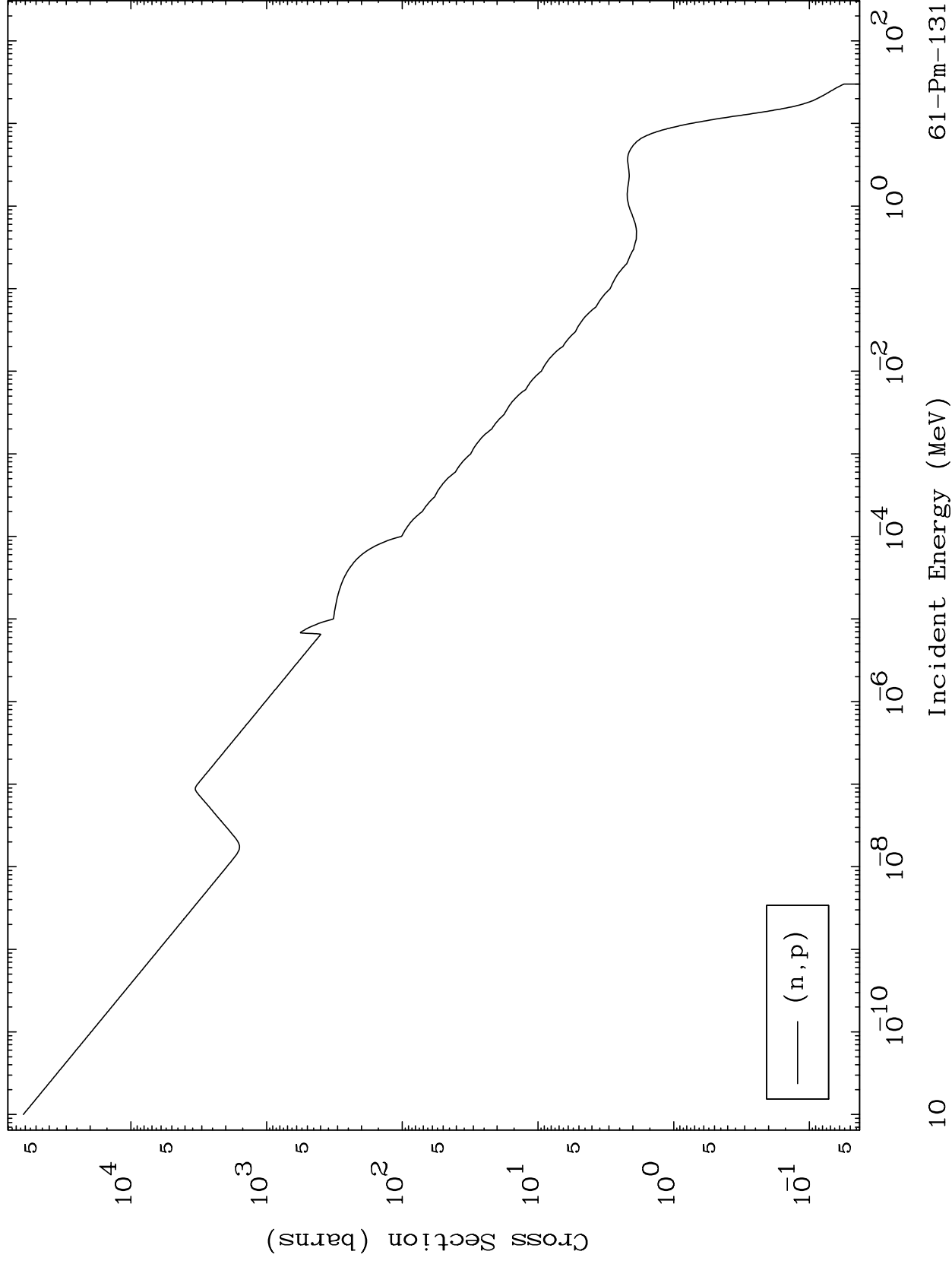
293 Kelvin Cross Sections



MAT 6101

(n,p) Levels
293 Kelvin Cross Sections

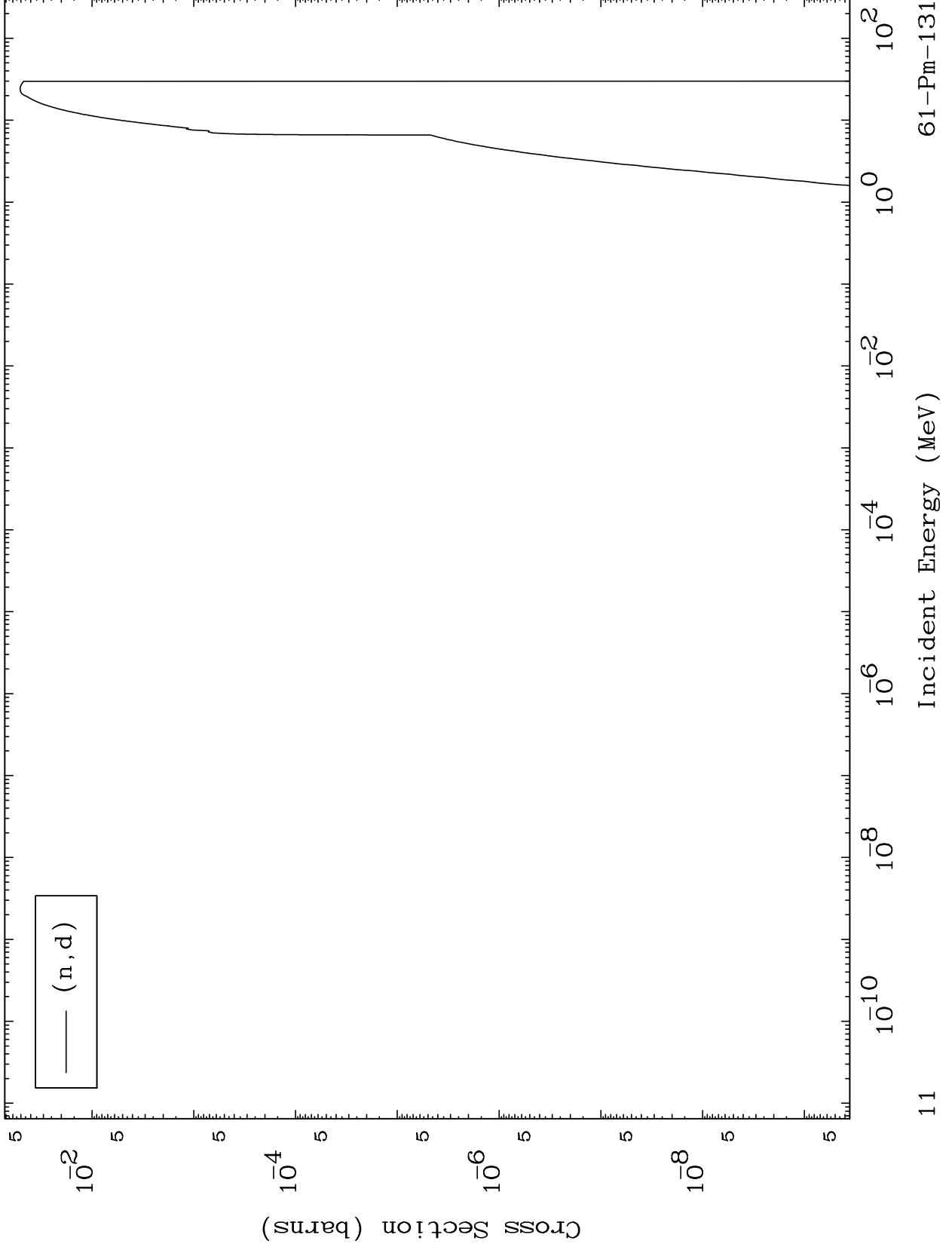
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MAT 6101

(n,d) Levels
293 Kelvin Cross Sections

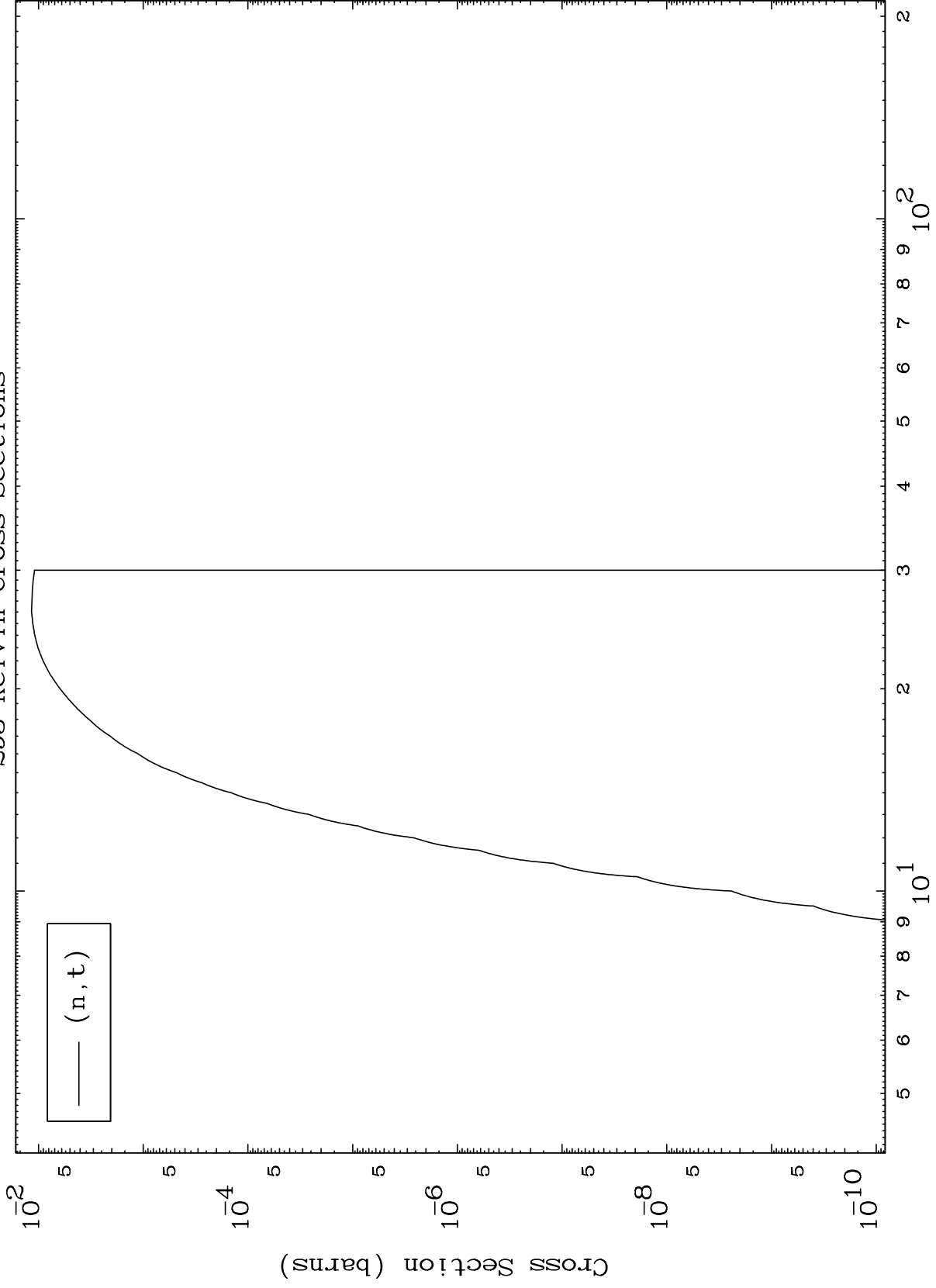
61-Pm-131



MAT 6101

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-131



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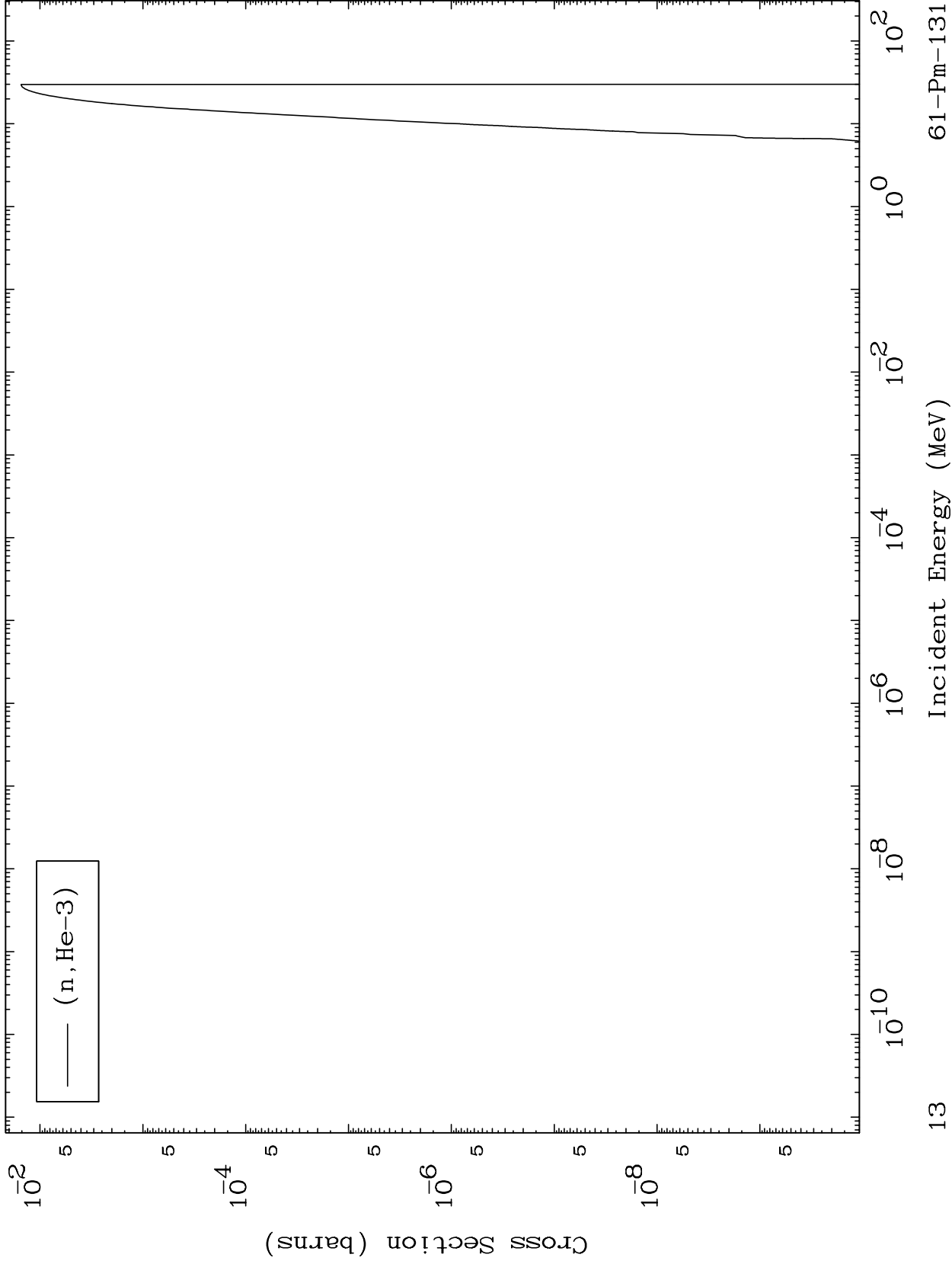
Incident Energy (MeV)

61-Pm-131

MAT 6101

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-131

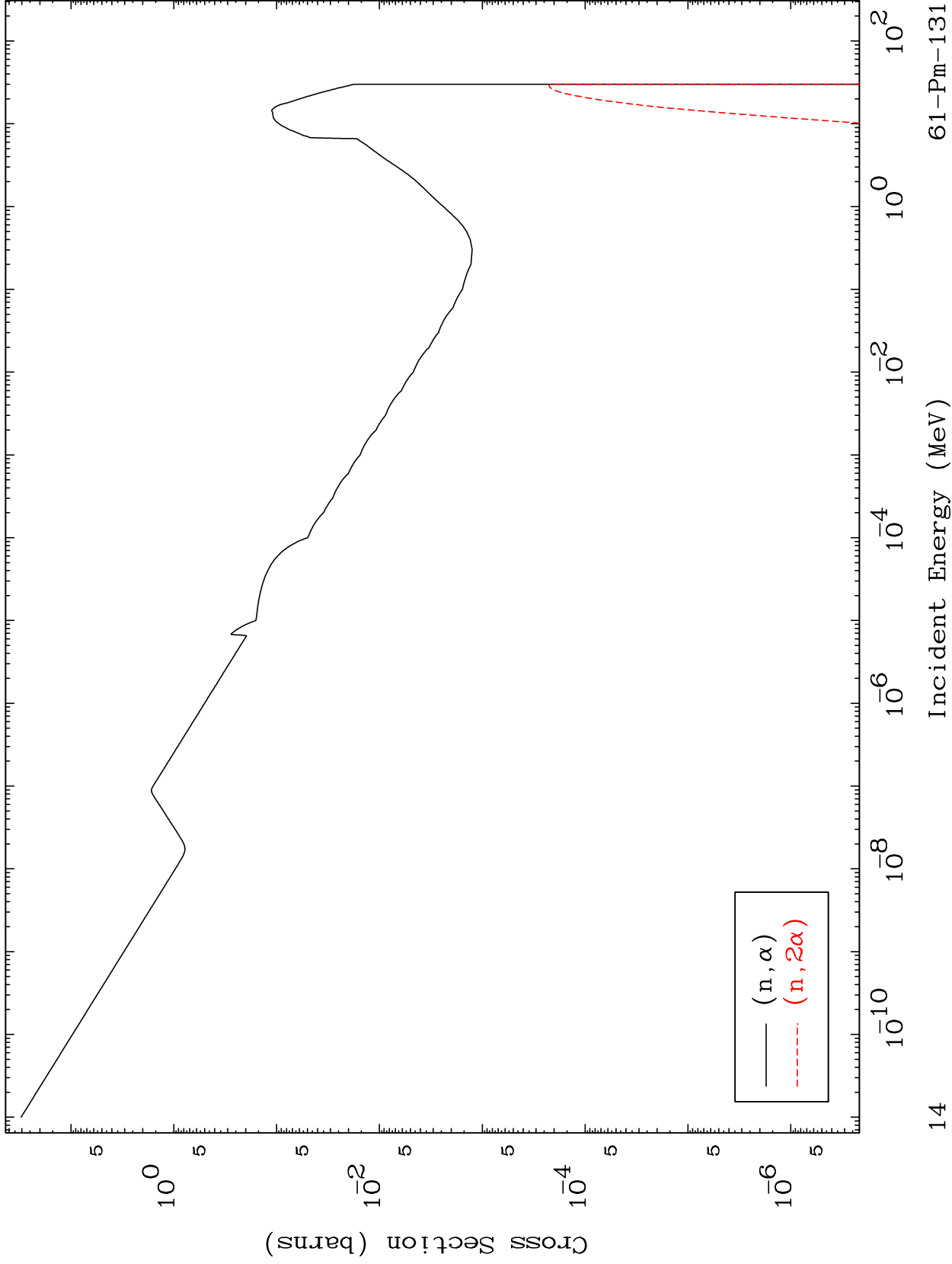


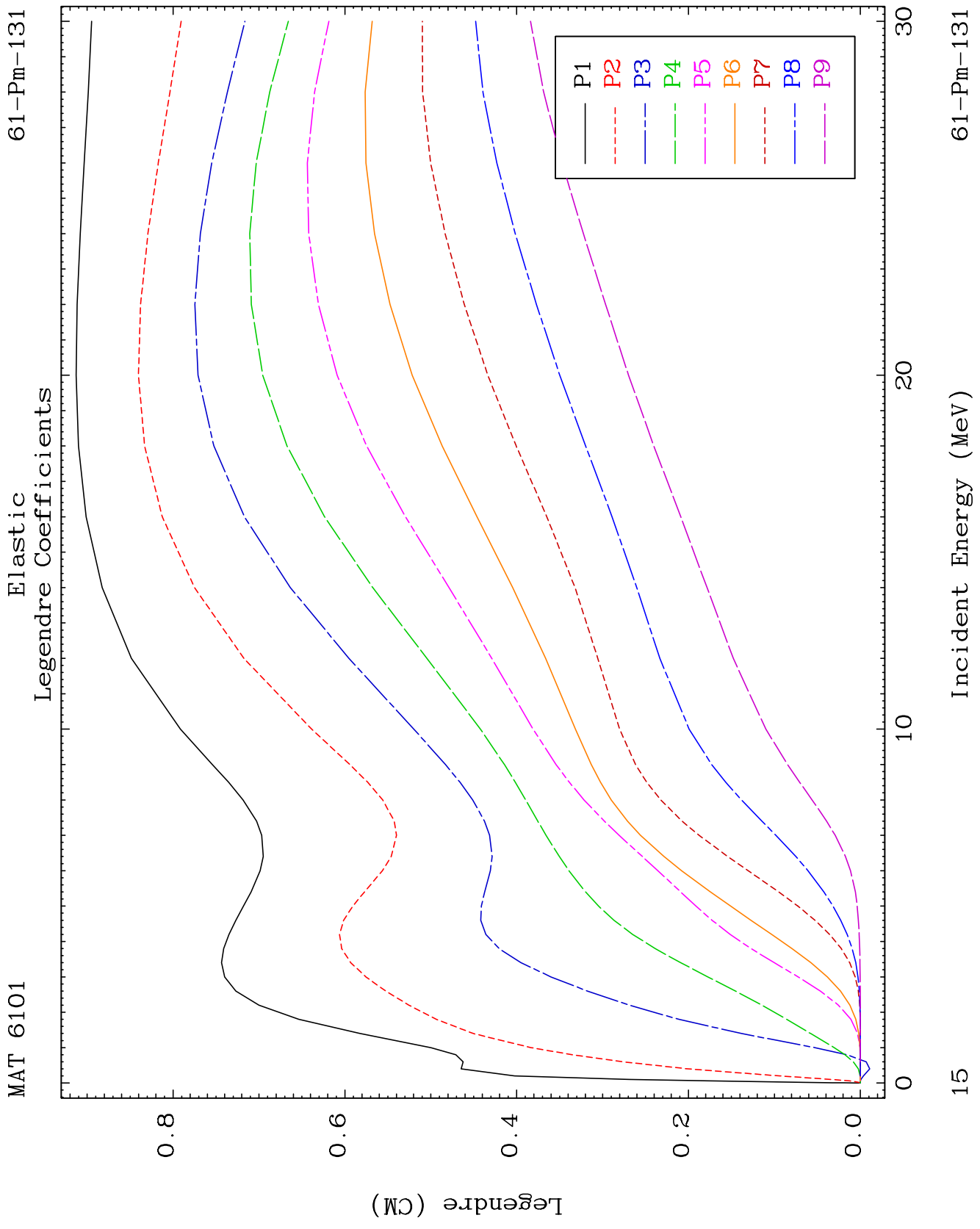
13

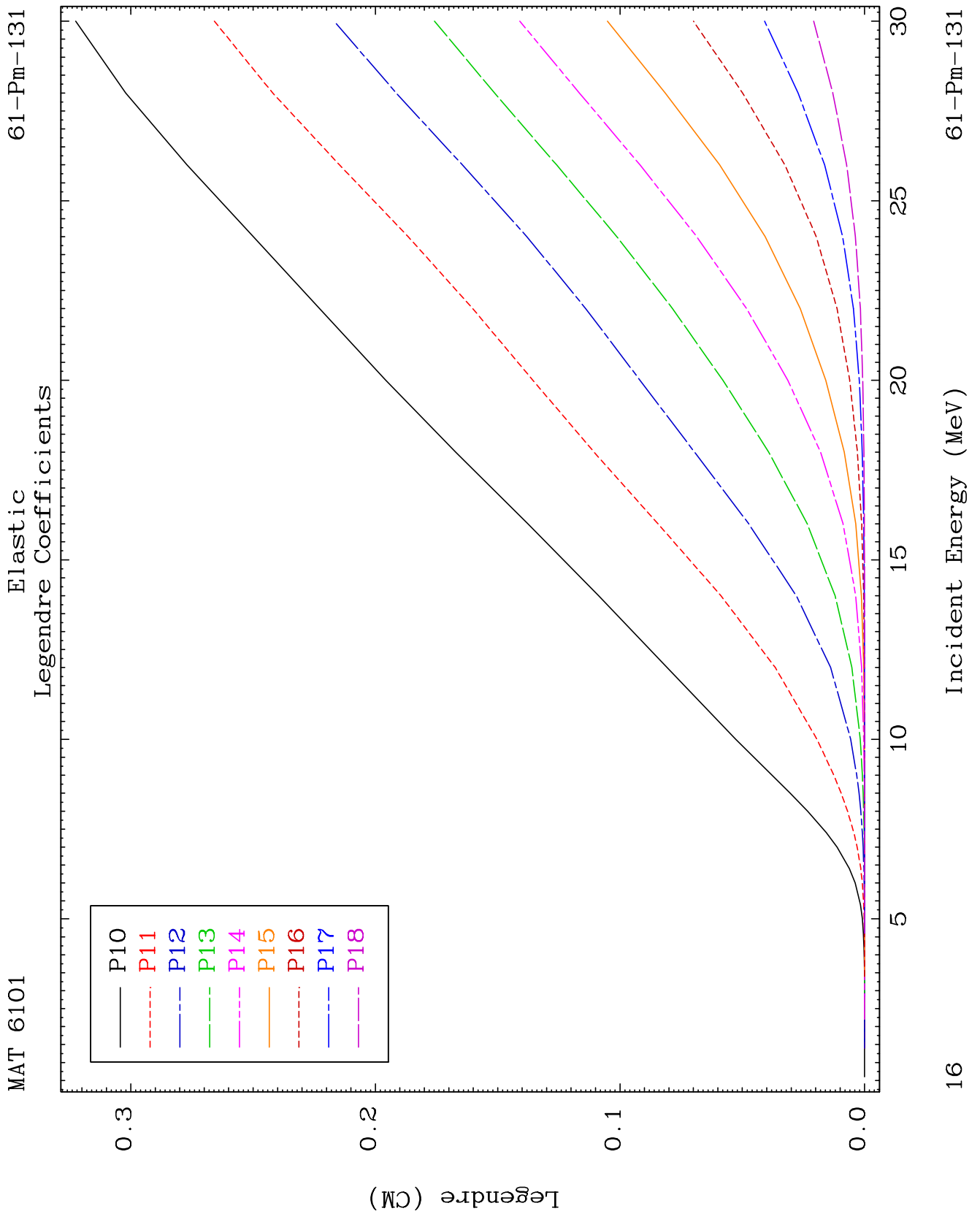
MAT 6101

(n, α) Levels
293 Kelvin Cross Sections

61-Pm-131



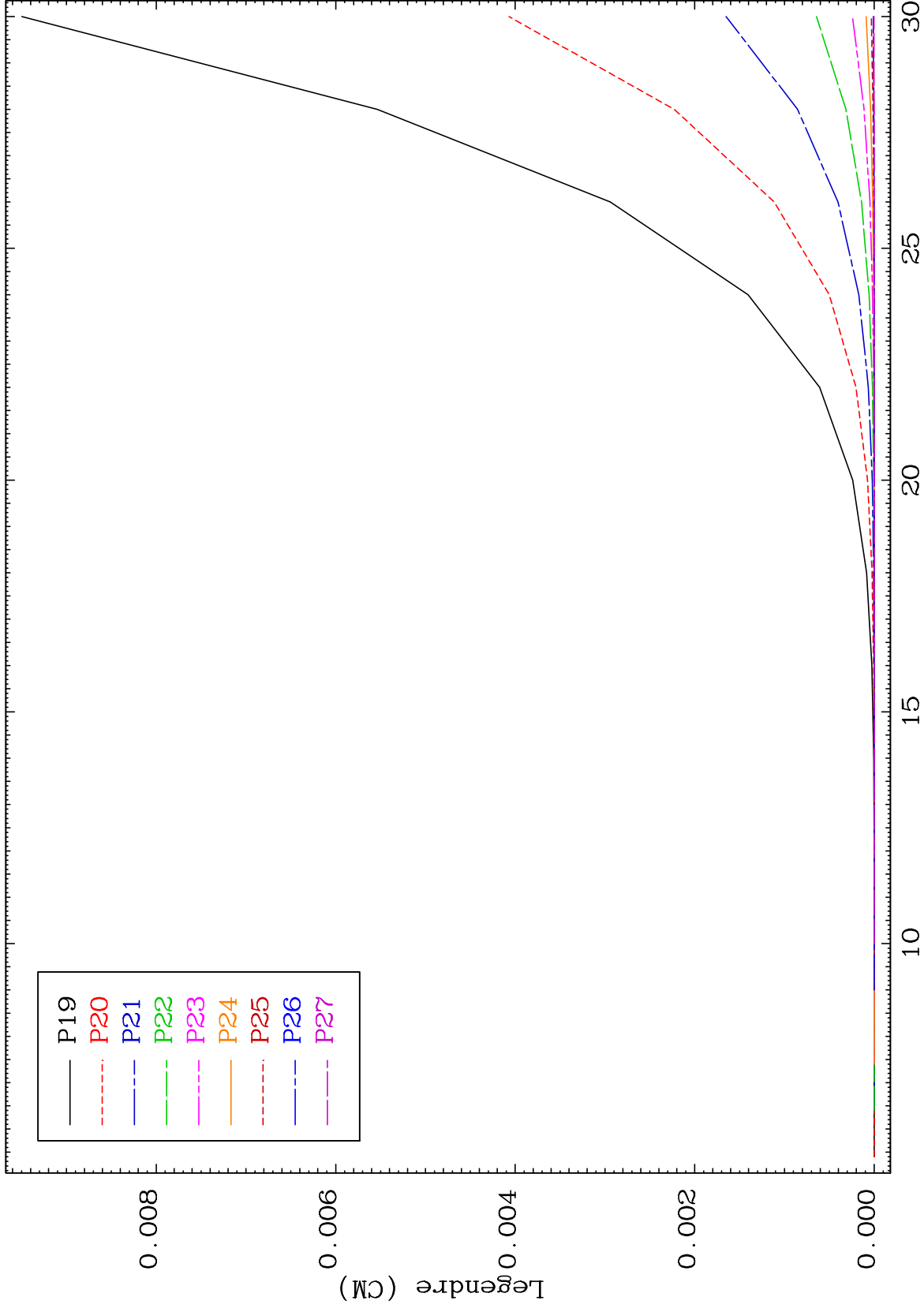




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Elastic Legendre Coefficients

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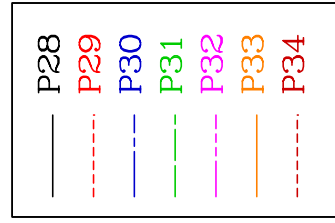
Incident Energy (MeV)

61-Pm-131

MAT 6101

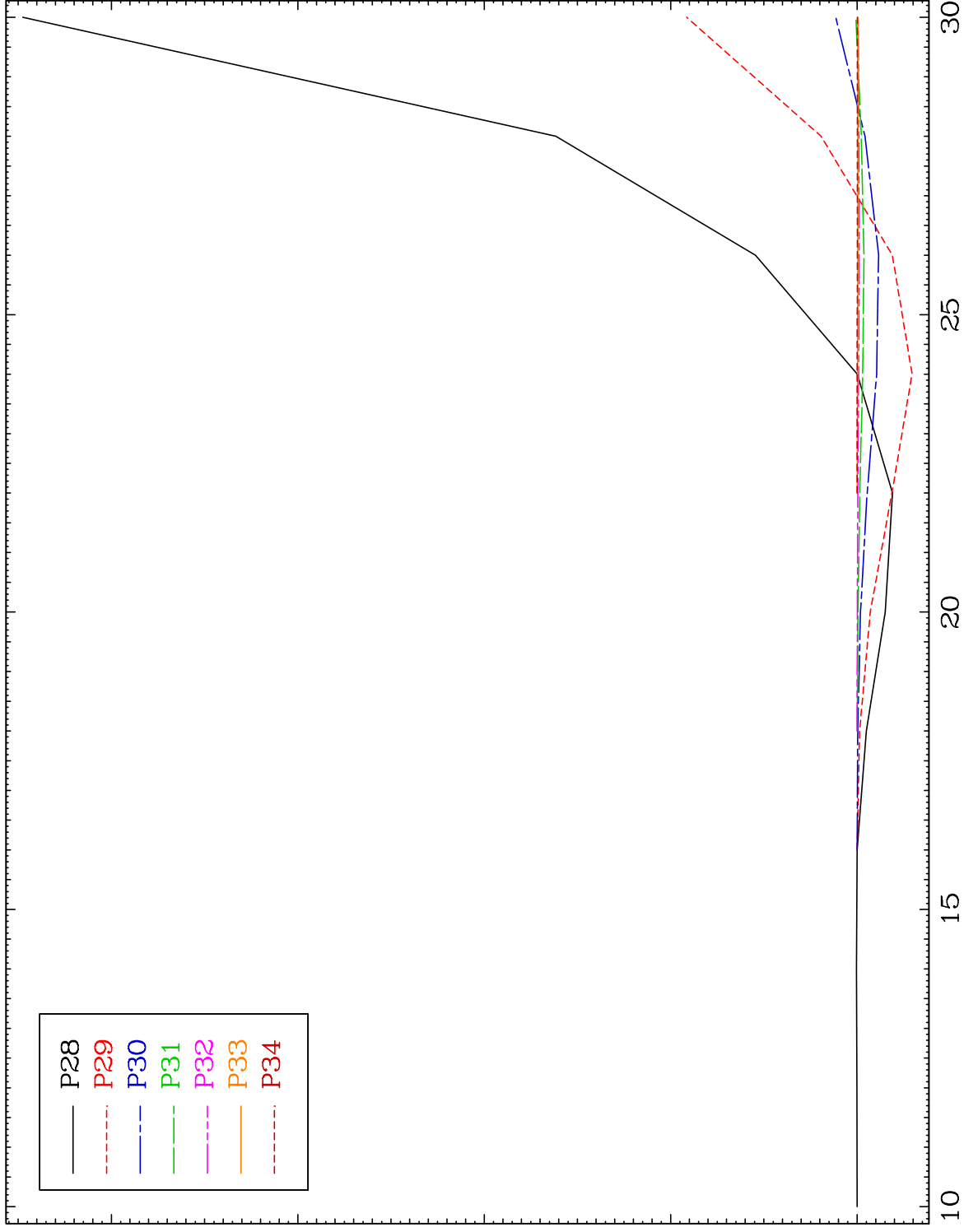
Elastic
Legendre Coefficients

61-Pm-131



$\times 10^{-7}$

Legendre (CM)



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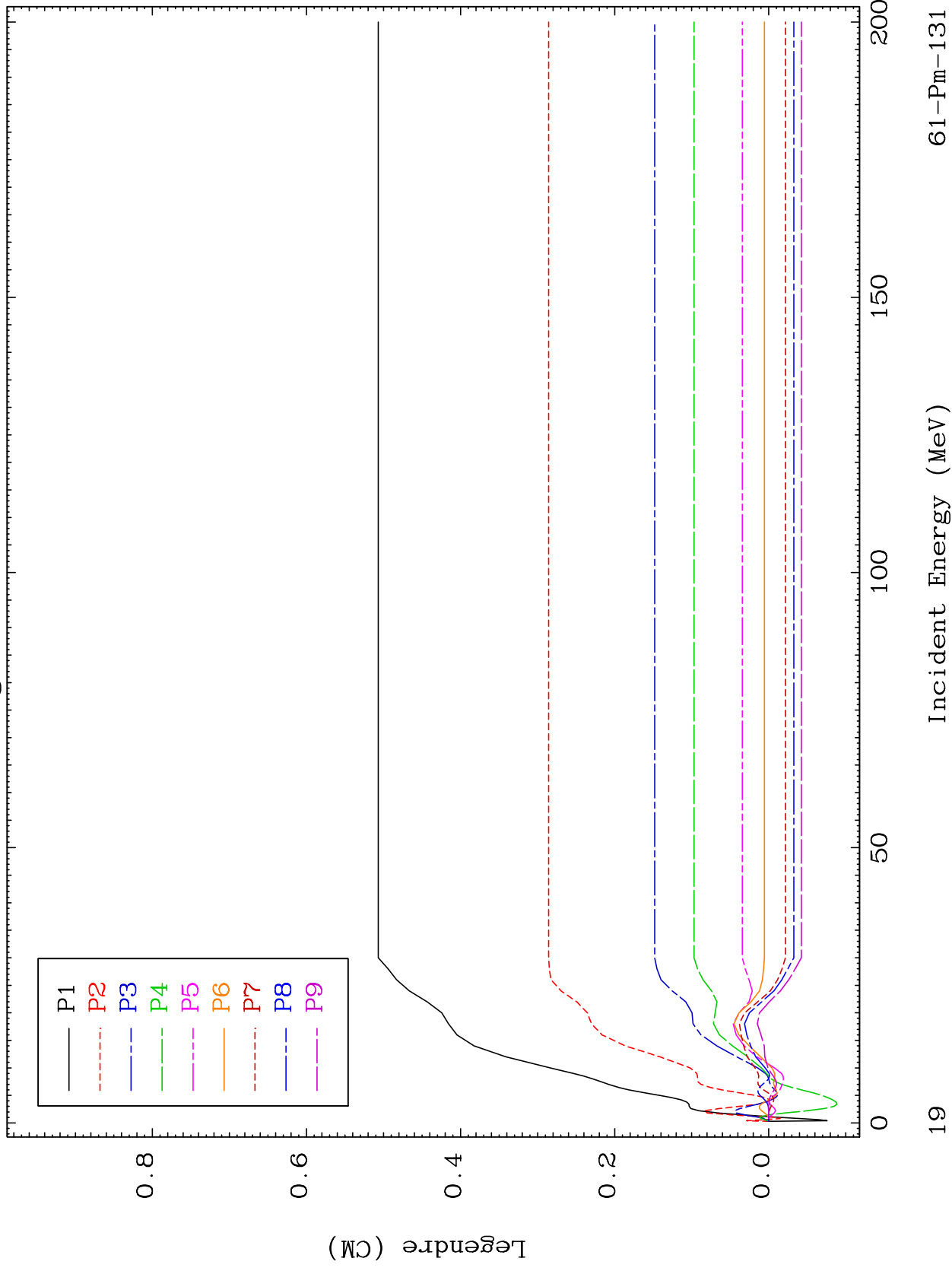
Incident Energy (MeV)

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

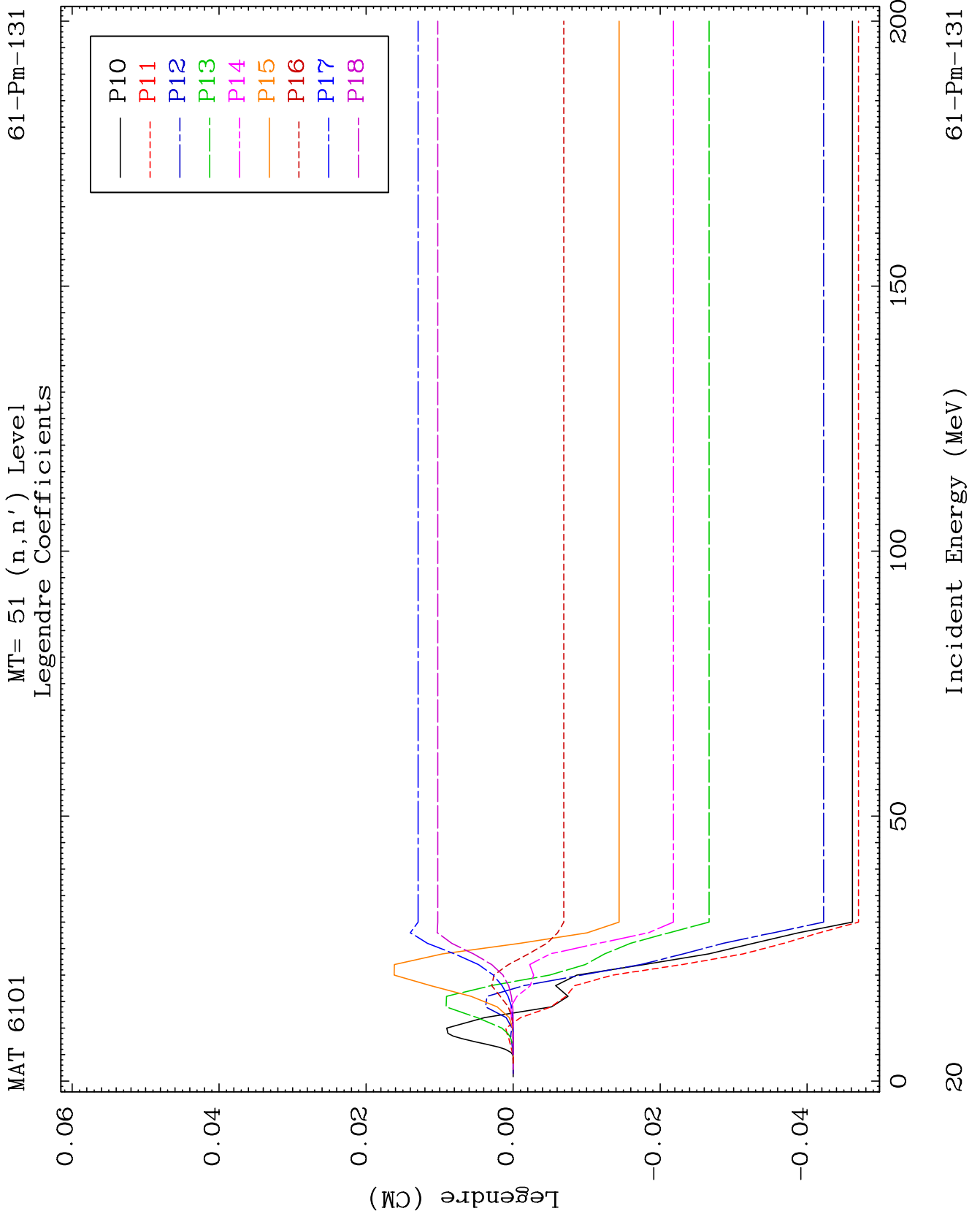
61-Pm-131



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Incident Energy (MeV)

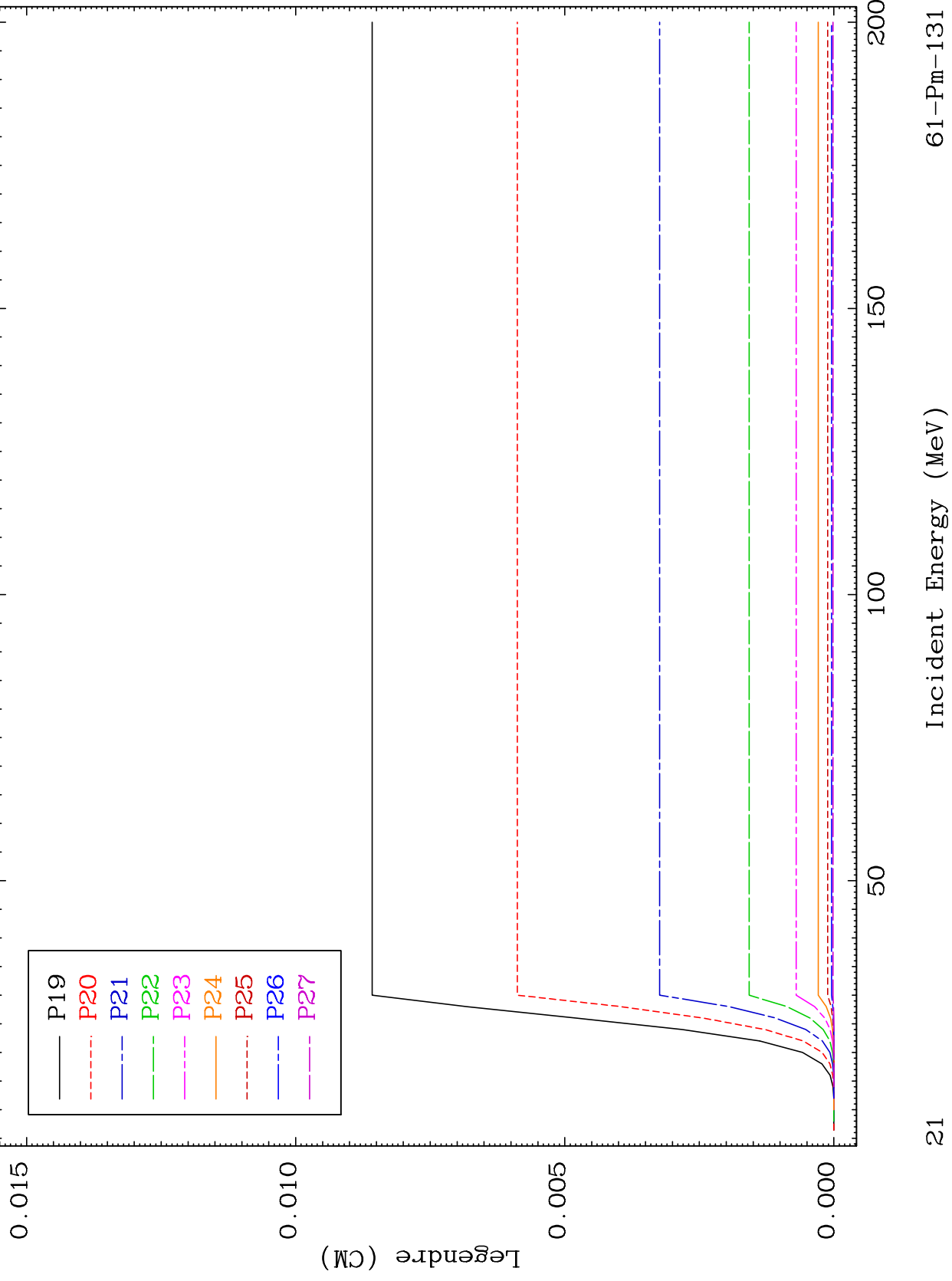
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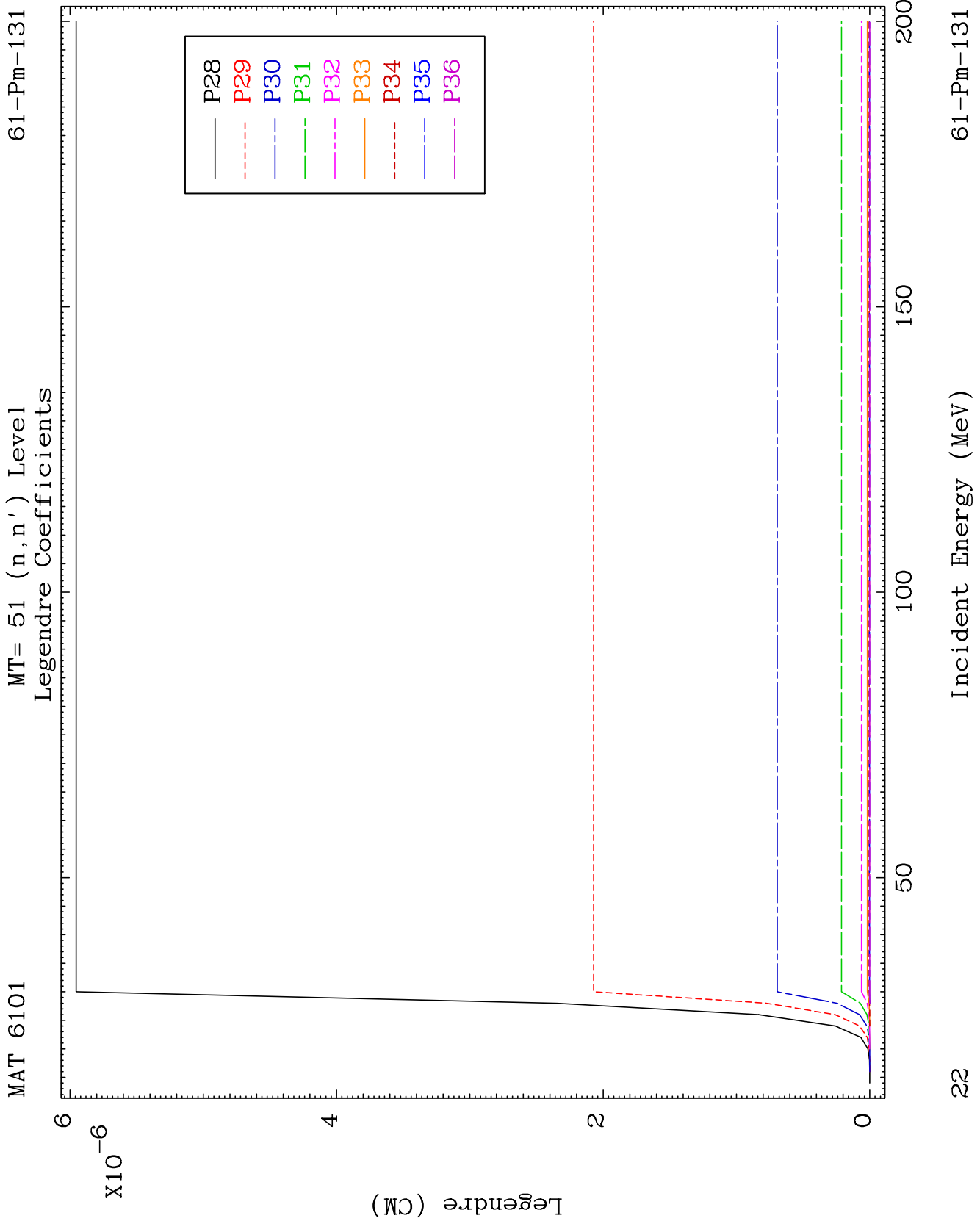


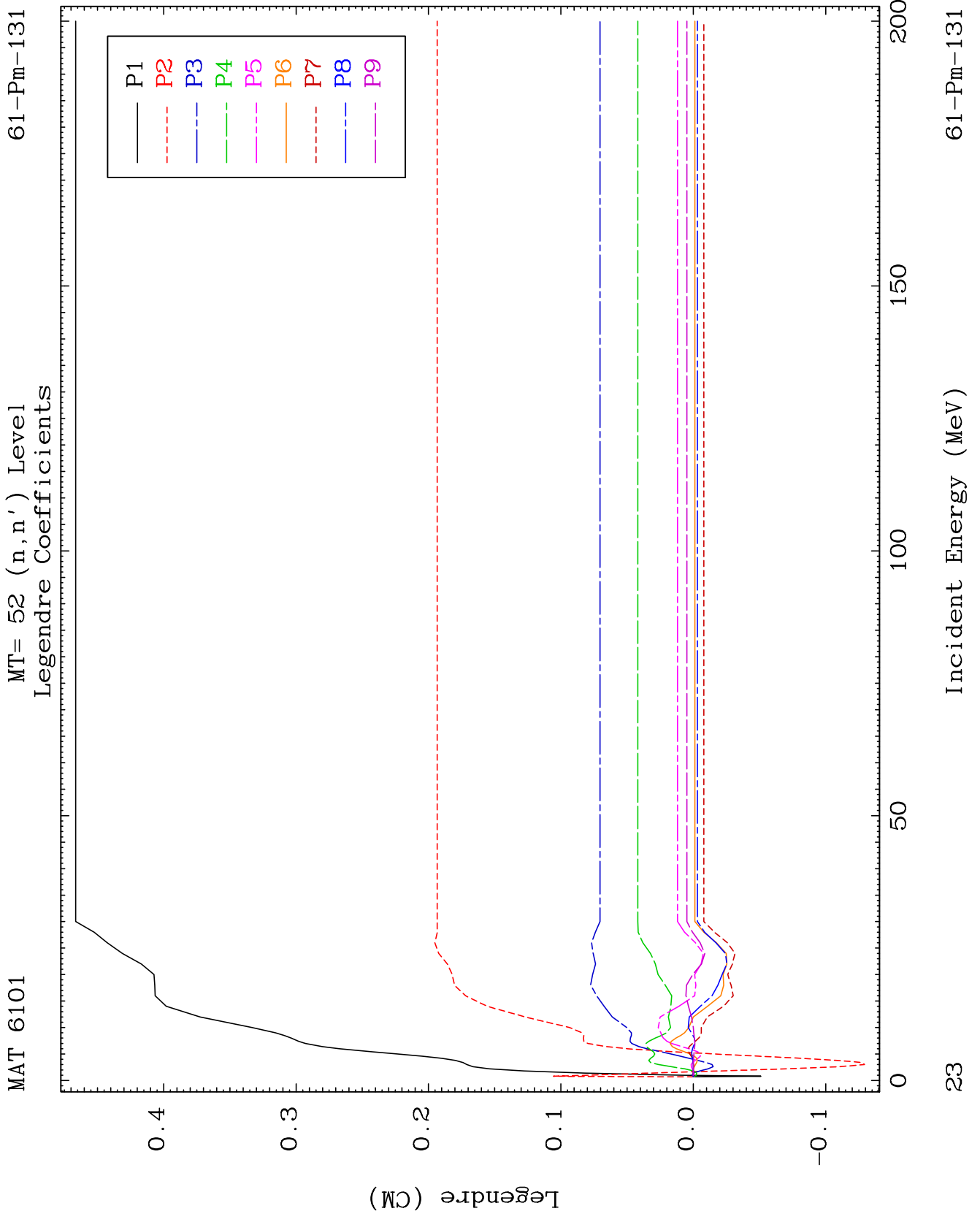
MAT 6101

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

61-Pm-131



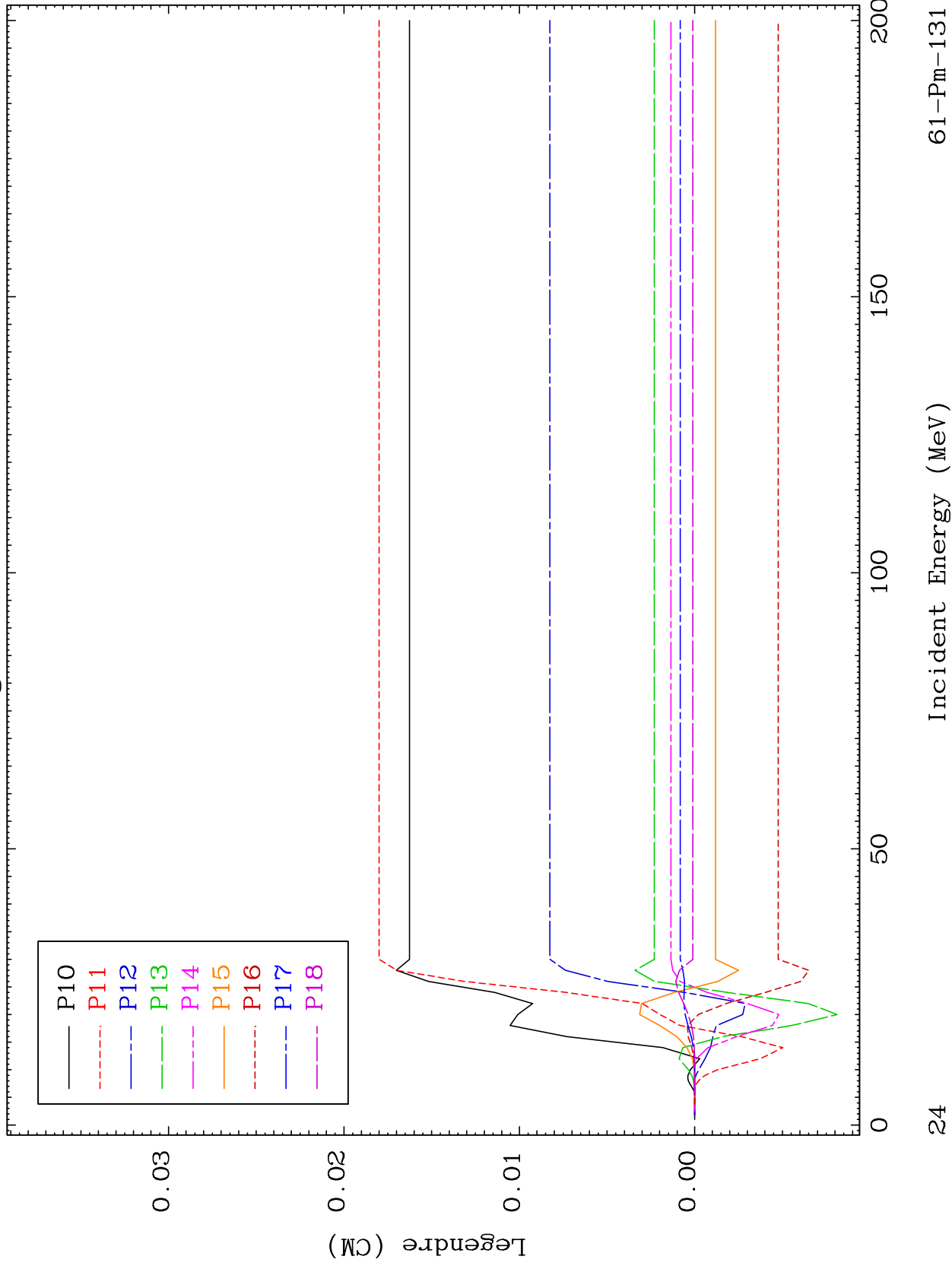




MAT 6101

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

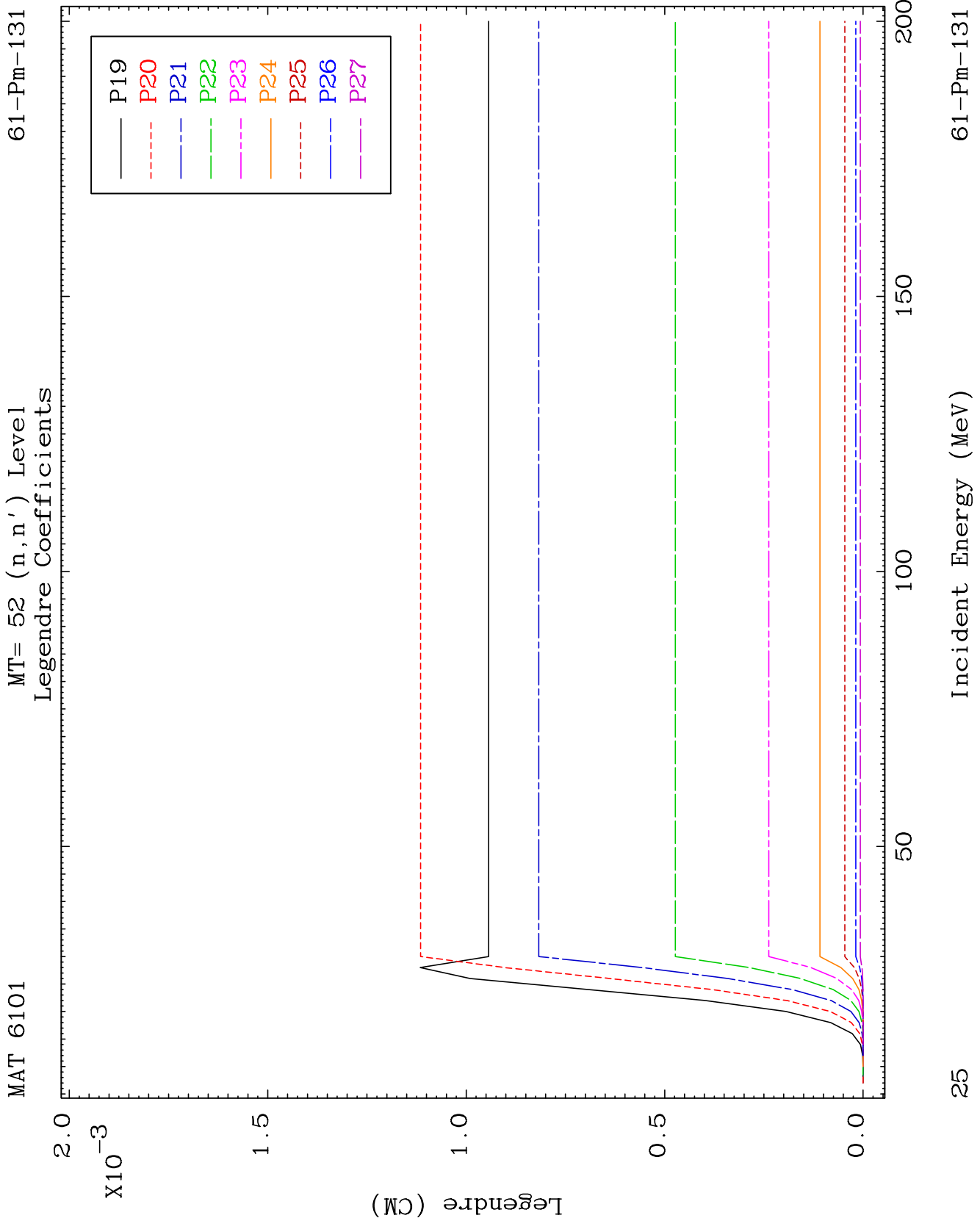
61-Pm-131



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Incident Energy (MeV)

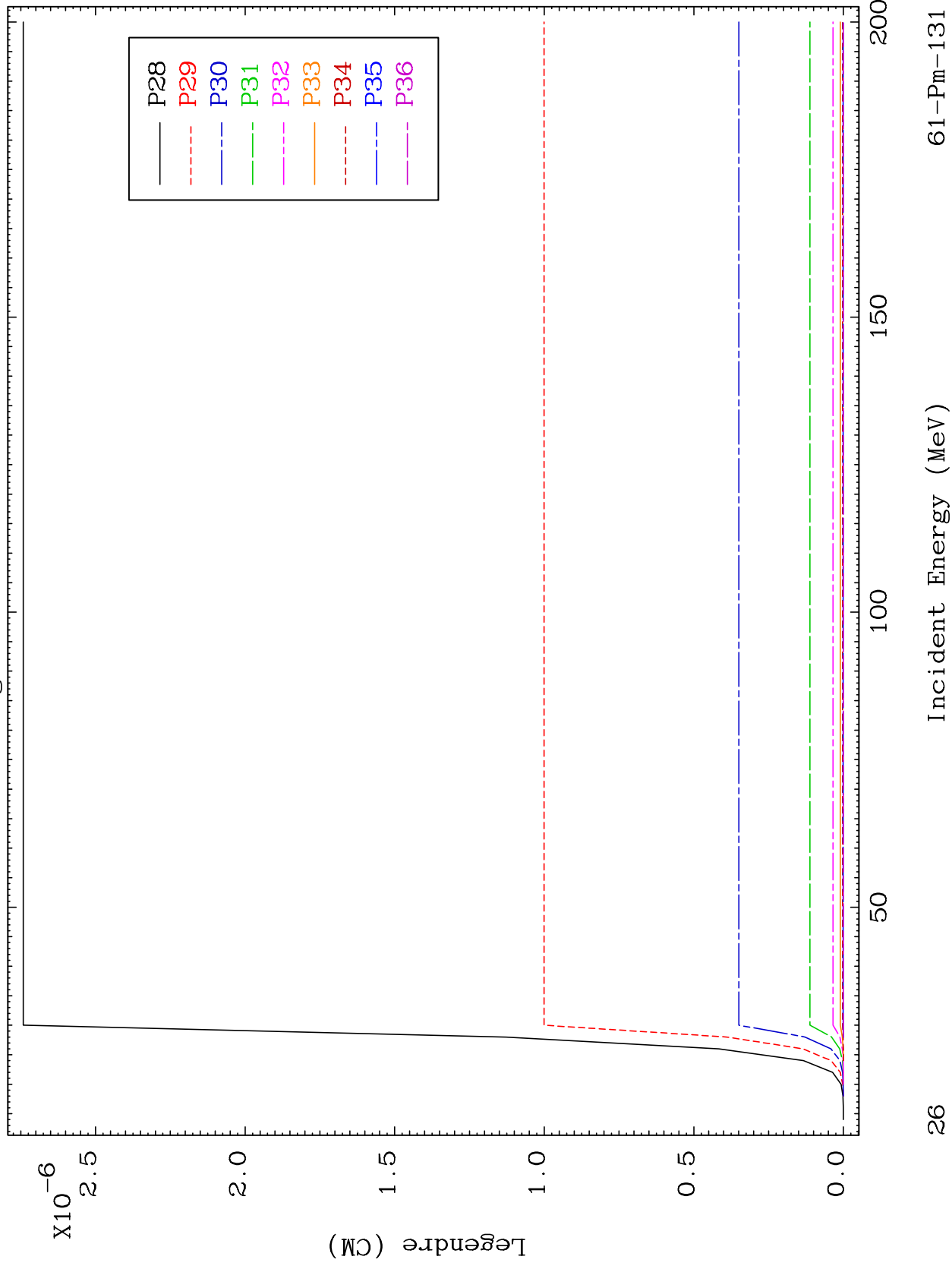
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MAT 6101

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

61-Pm-131



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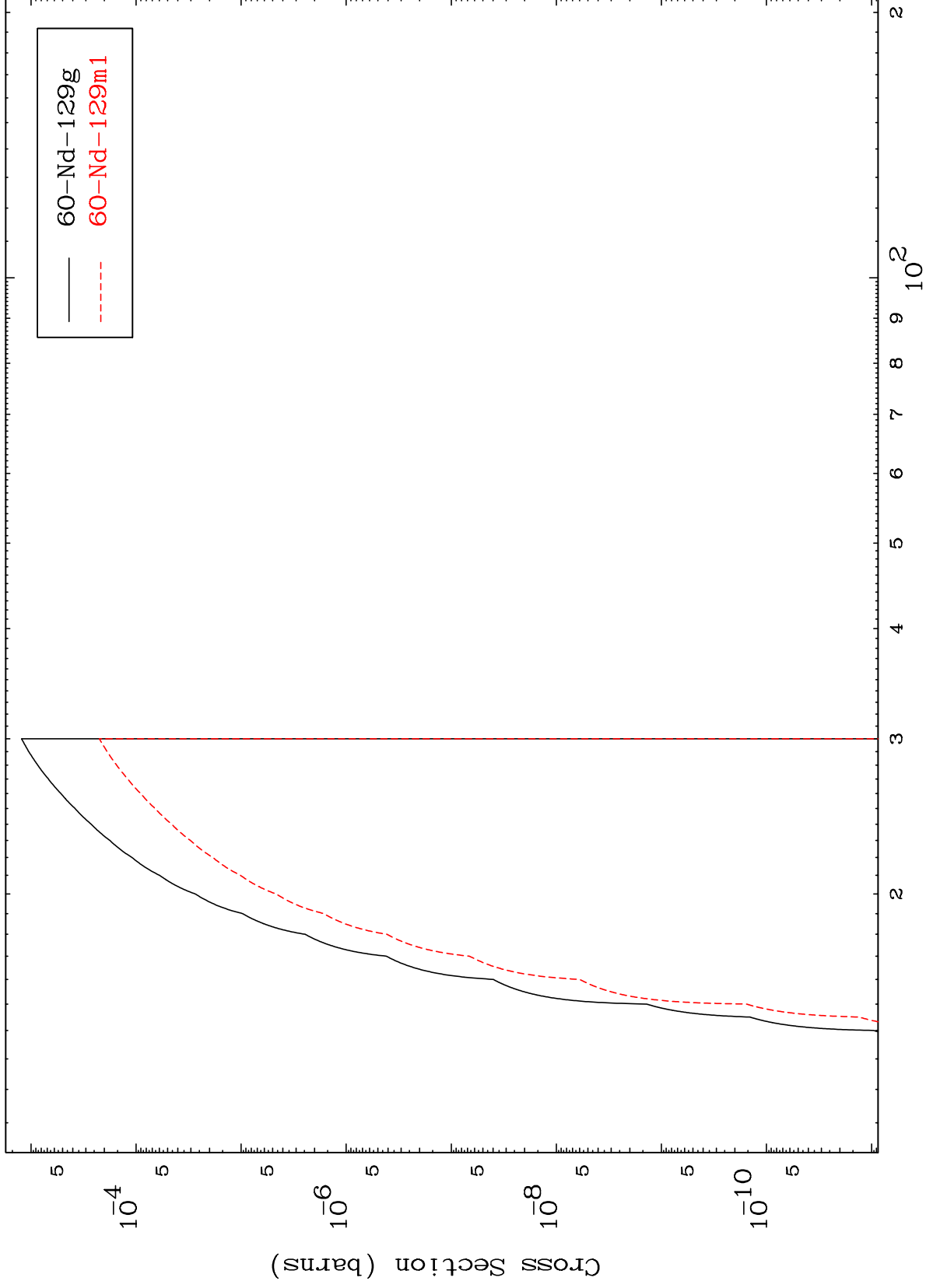
61-Pm-131

MAT 6101

(n,n') d

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Radionuclide Production Cross Section

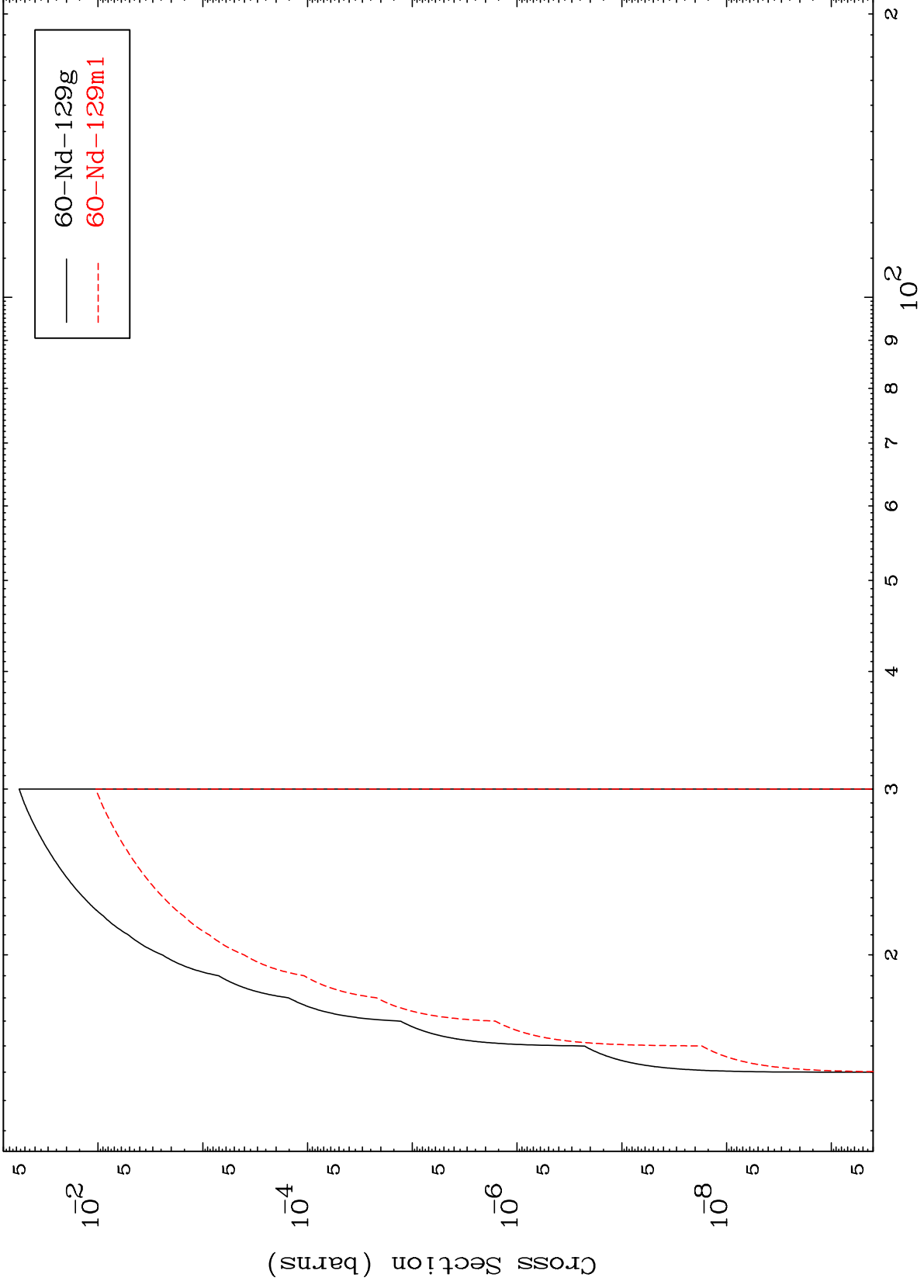


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Incident Energy (MeV)

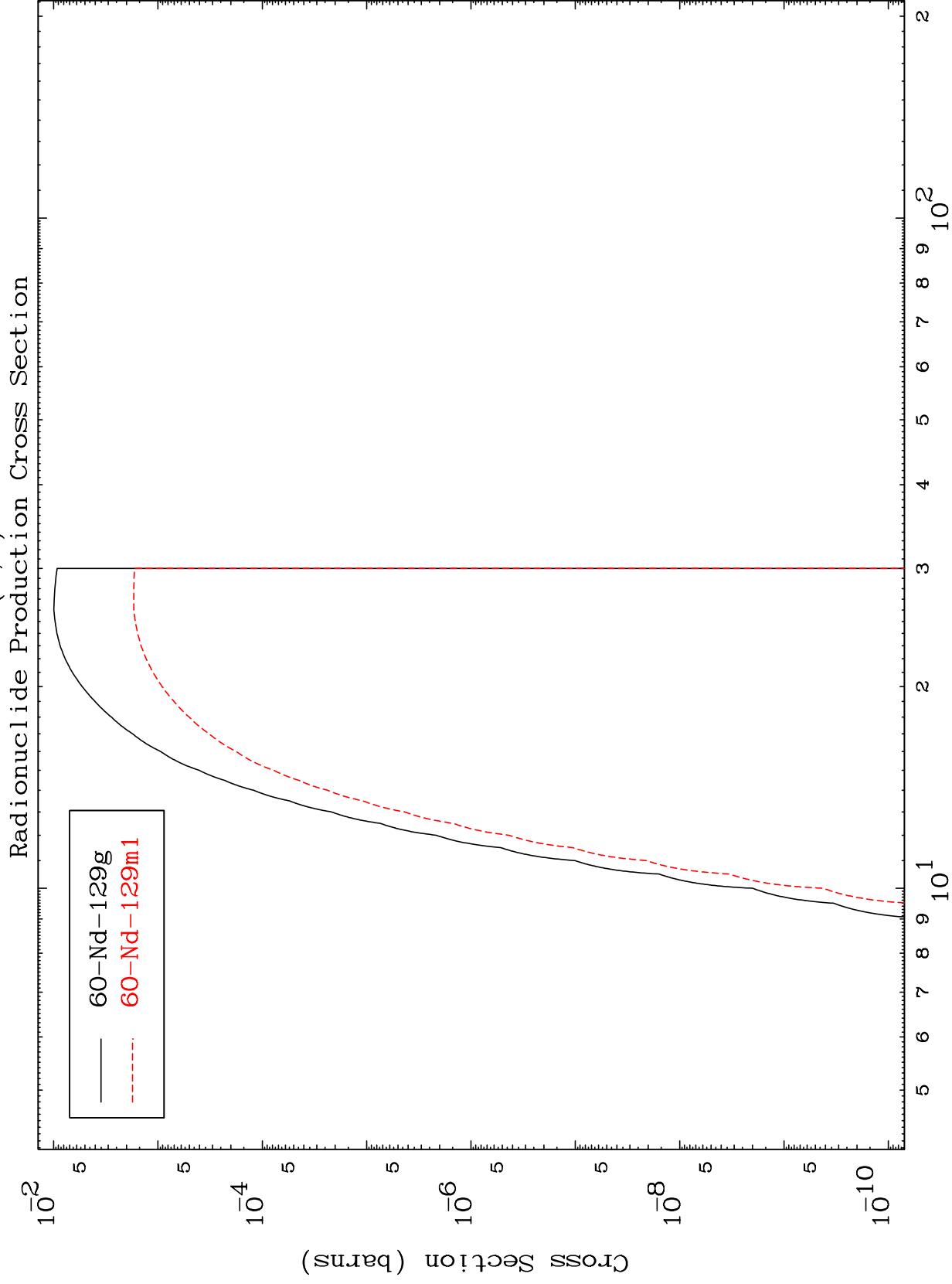
61-Pm-131

Radionuclide Production Cross Section



MAT 6101

61-Pm-131



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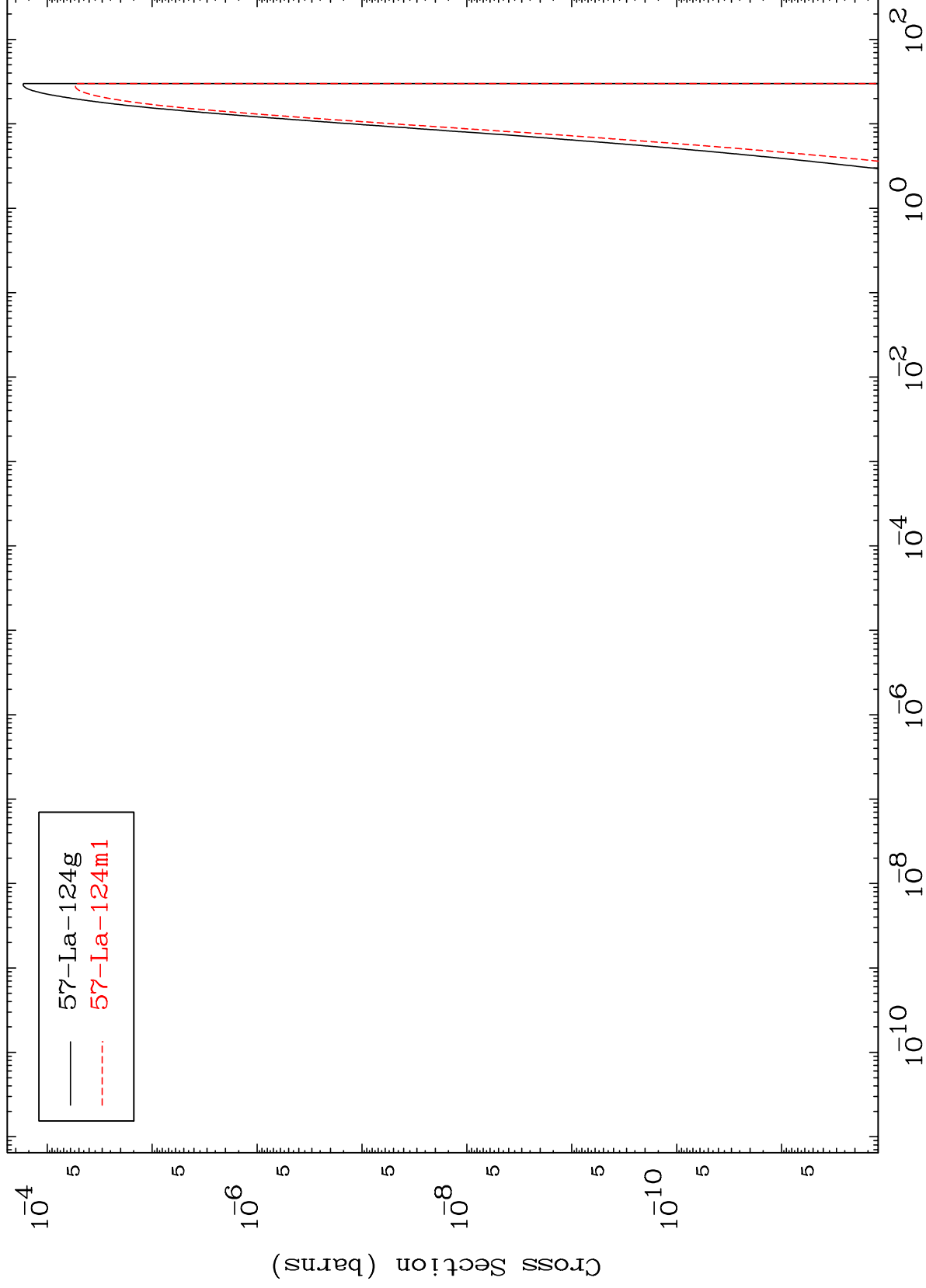
61-Pm-131

61-Pm-131

MAT 6101

61-Pm-131

(n,2α)
Radionuclide Production Cross Section



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Incident Energy (MeV)

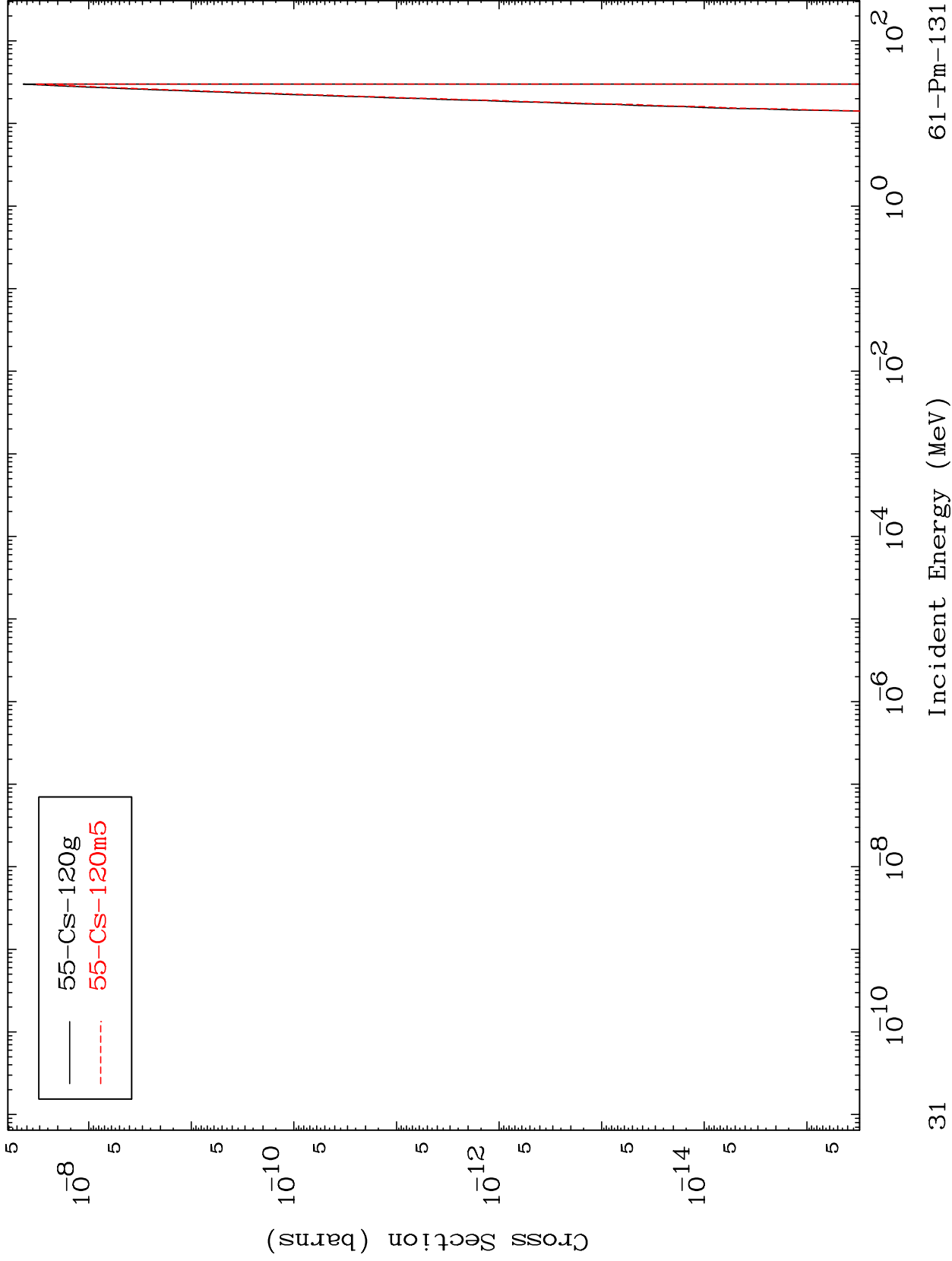
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(n, 3α)

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Radionuclide Production Cross Section



MAT 6101

(n,p) α

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Radionuclide Production Cross Section

