

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

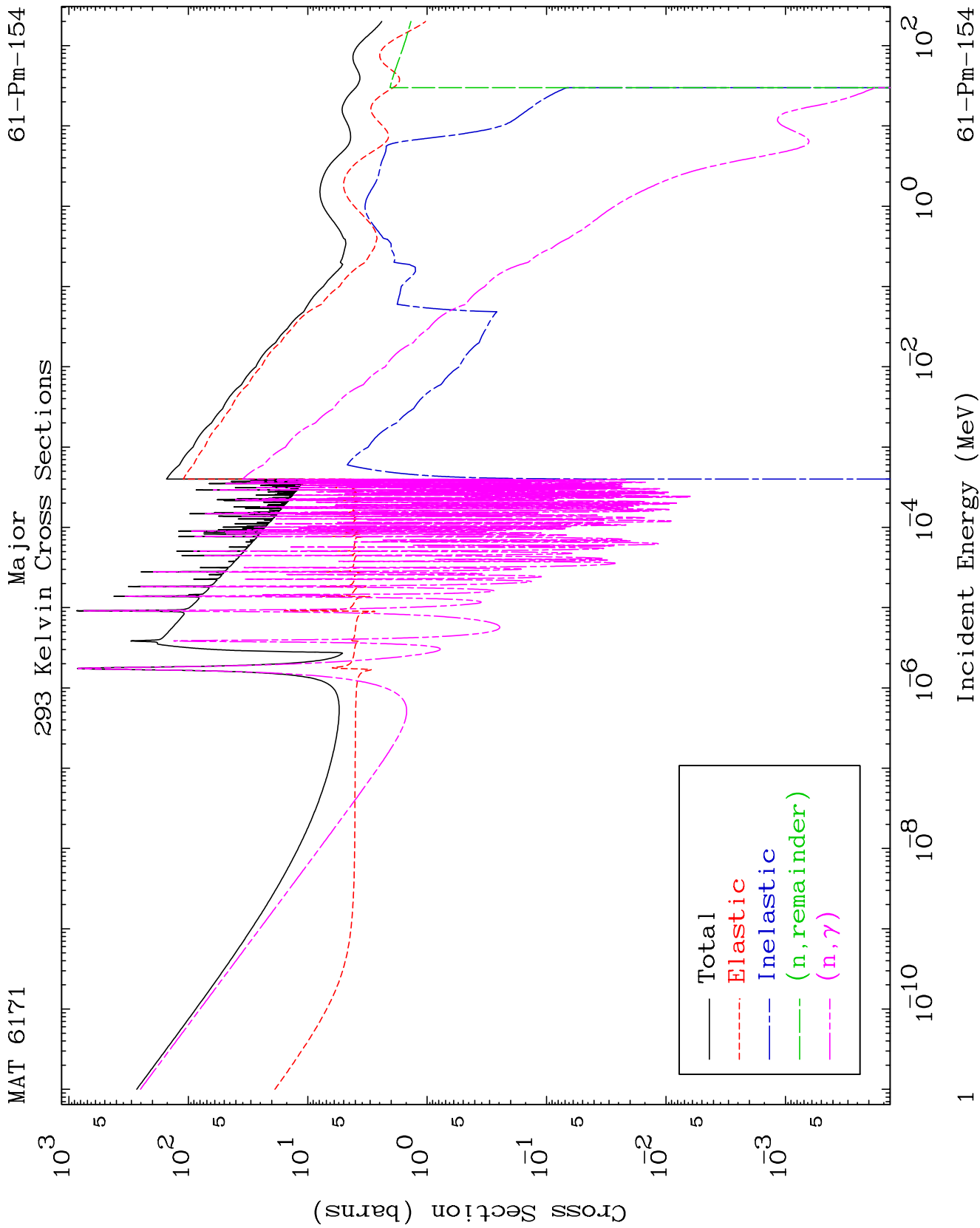
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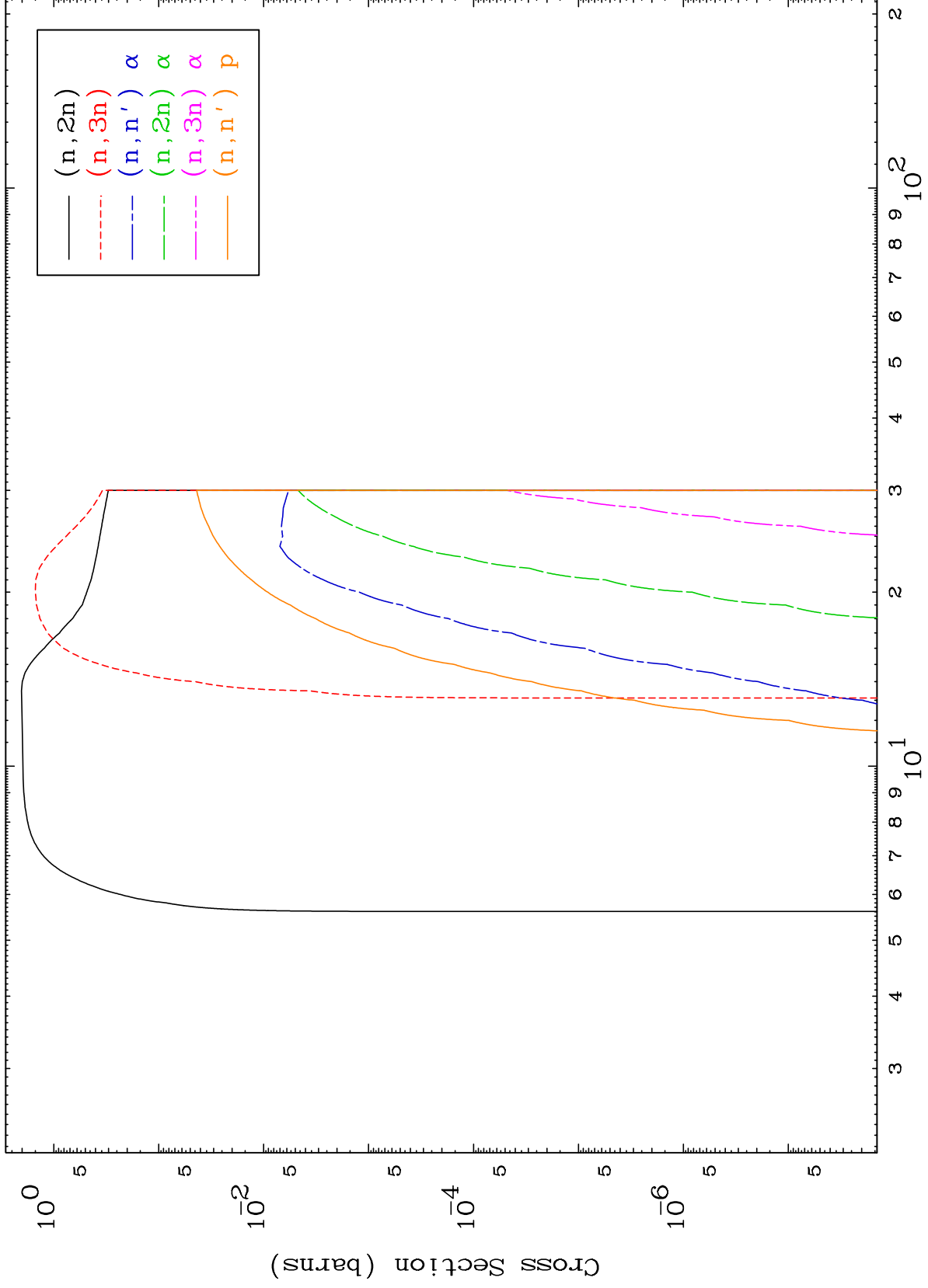
E.Mail:redcullen1@comcast.net

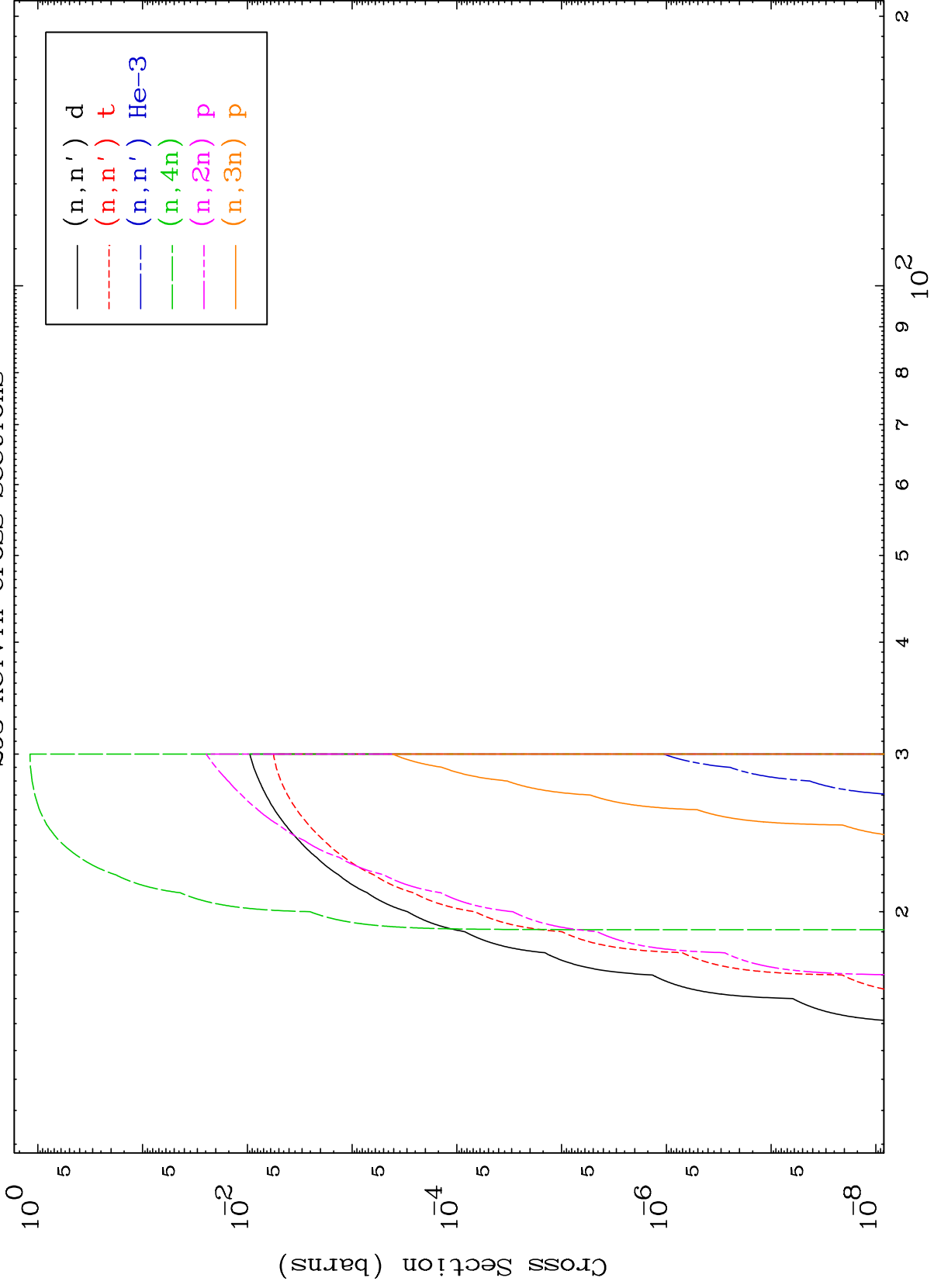
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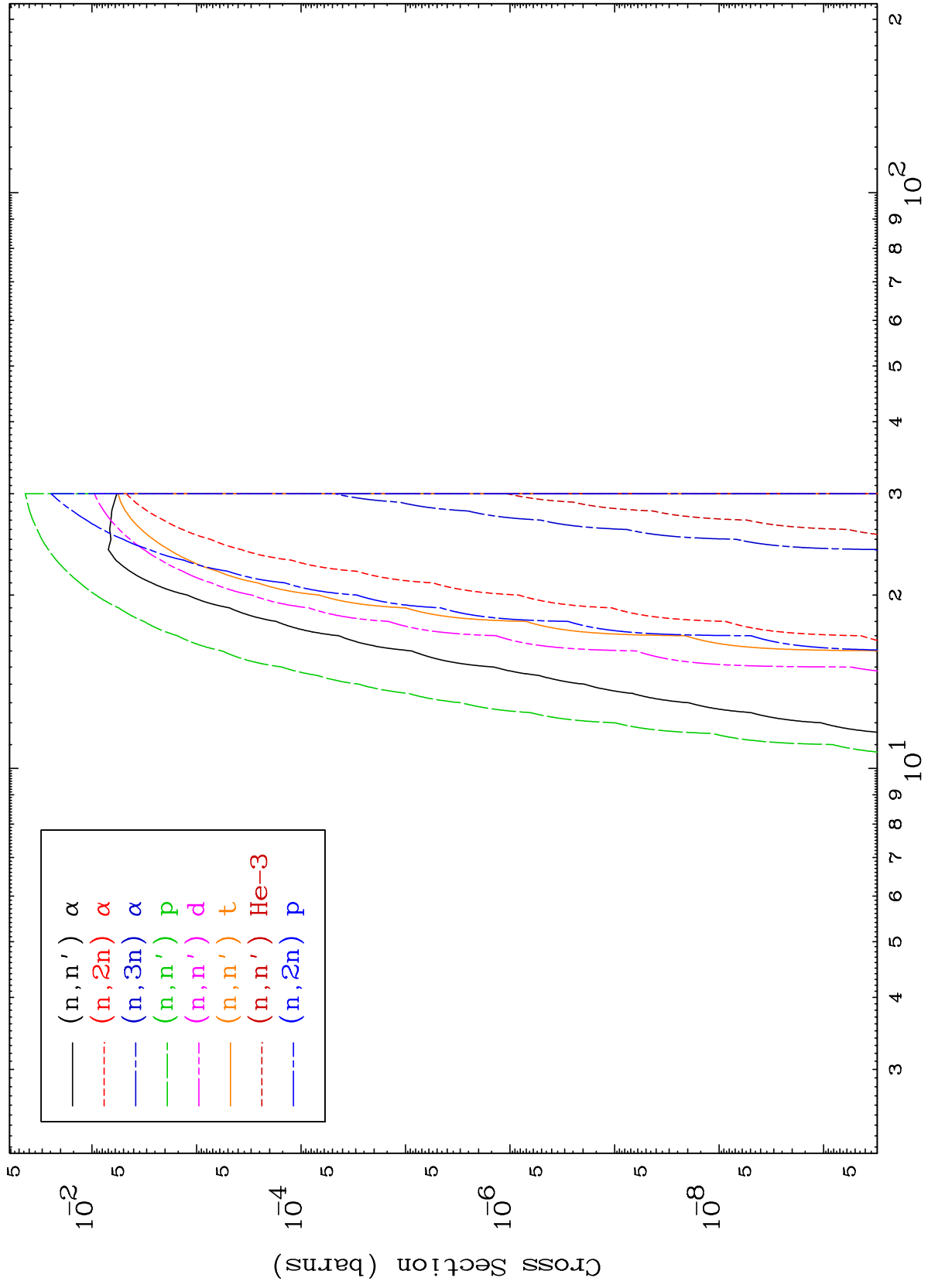
Press Mouse Button to Start



Neutron Production
293 Kelvin Cross Sections



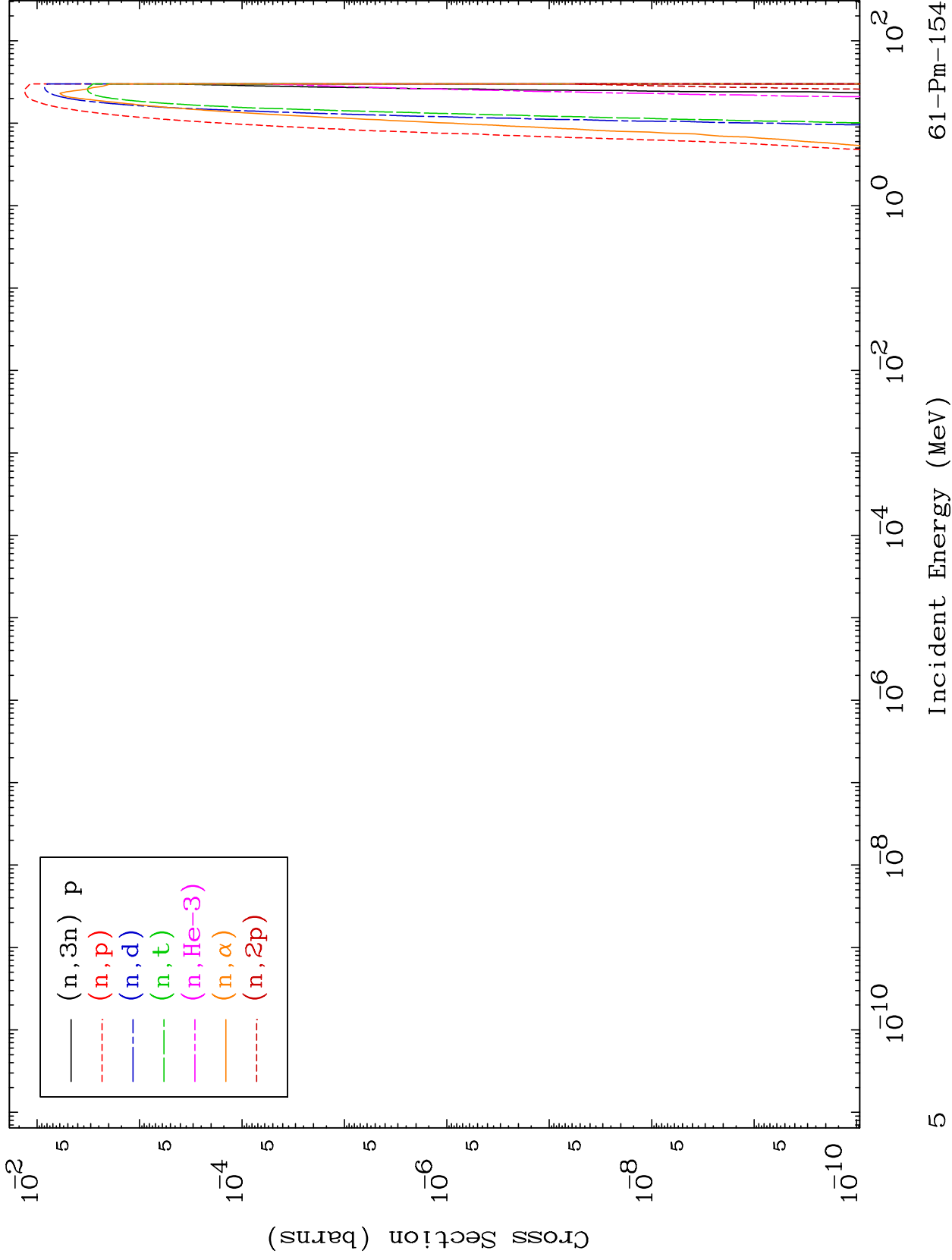




MAT 6171

Charged Particle
293 Kelvin Cross Sections

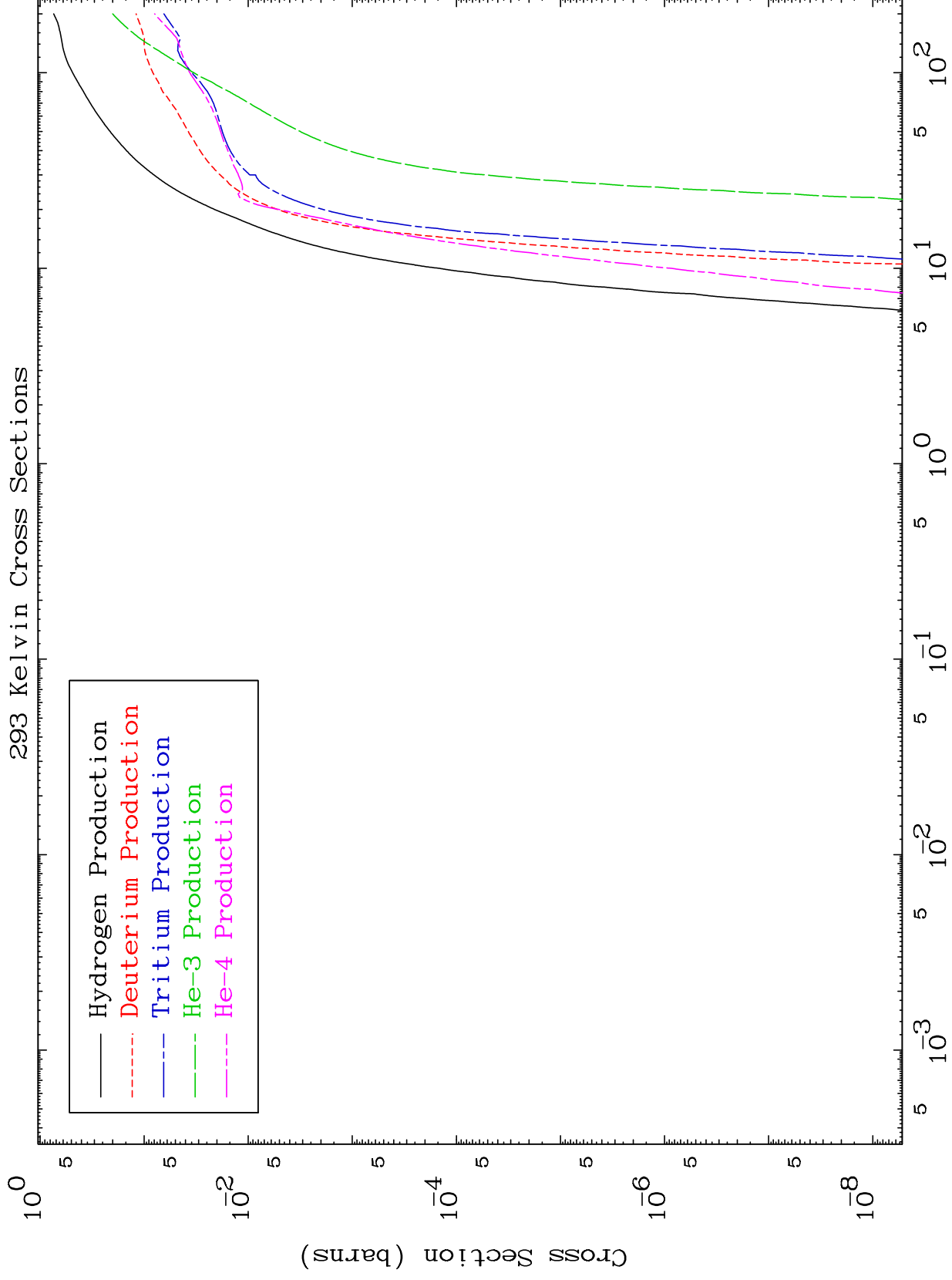
61-Pm-154



MAT 6171

Particle Production
293 Kelvin Cross Sections

61-Pm-154



6

Incident Energy (MeV)

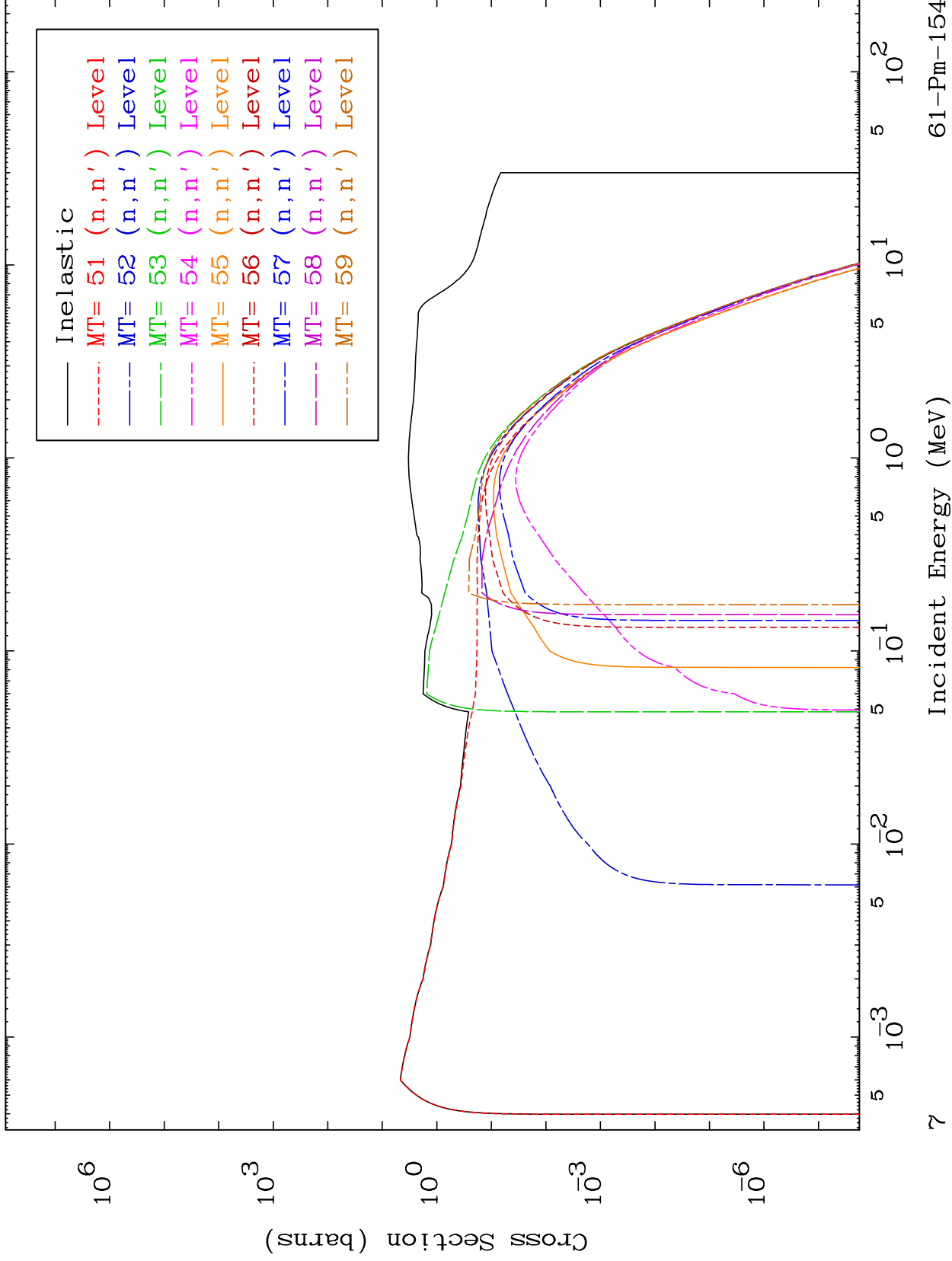
61-Pm-154

MAT 6171

(n,n') Level

61-Pm-154

293 Kelvin Cross Sections

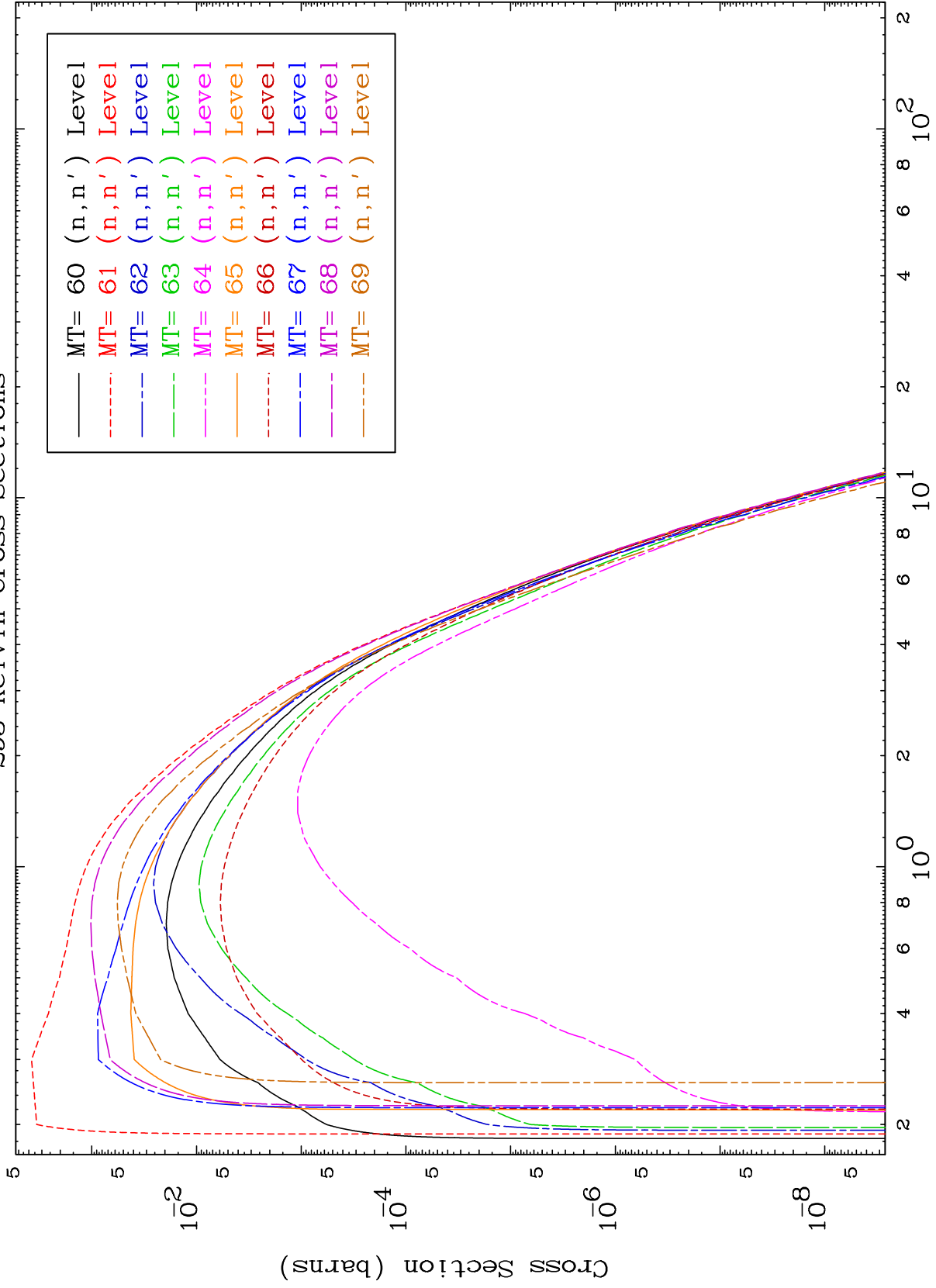


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(n,n') Level

293 Kelvin Cross Sections

61-Pm-154

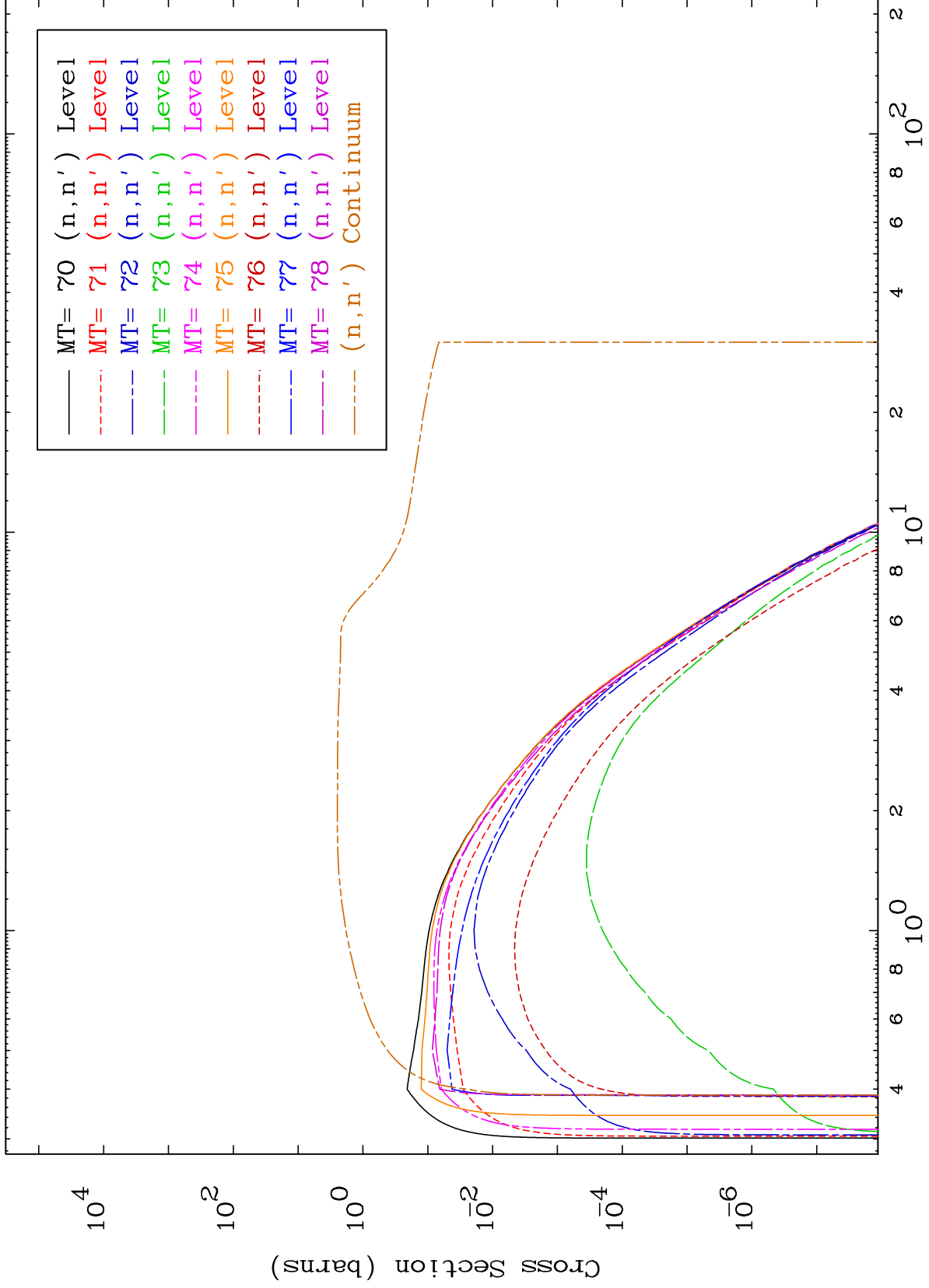


8

Incident Energy (MeV)

61-Pm-154

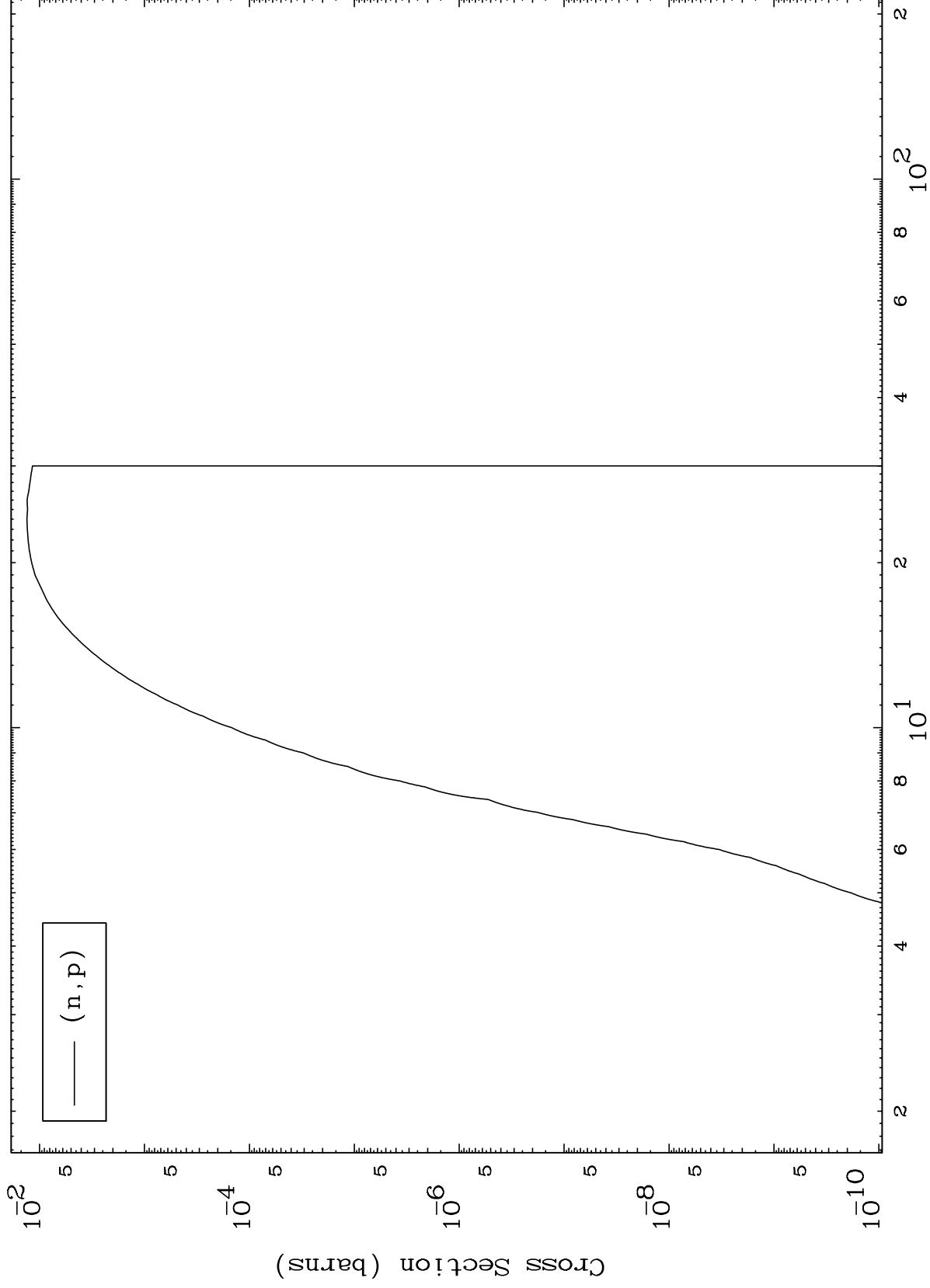
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

61-Pm-154



10

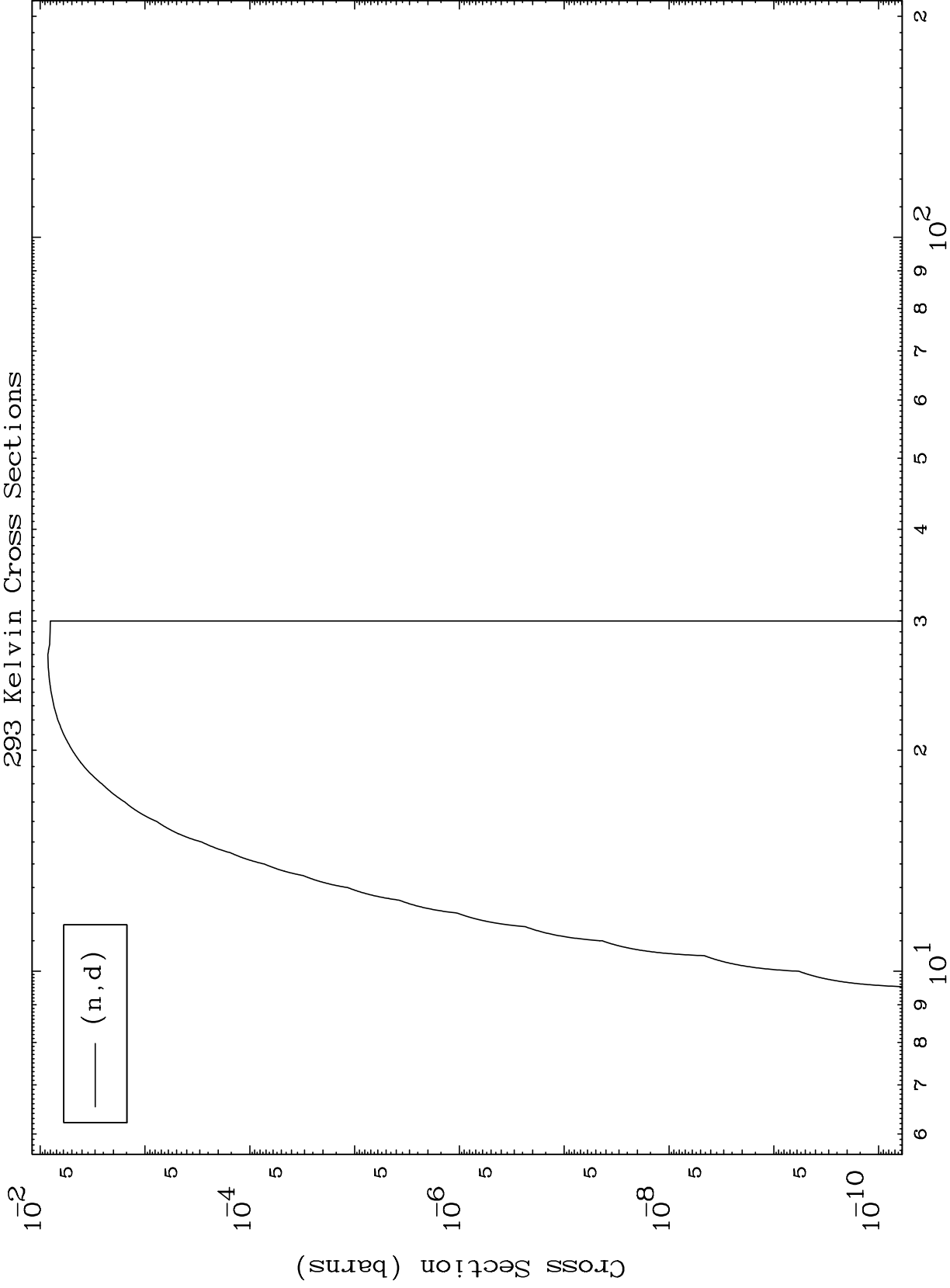
Incident Energy (MeV)

61-Pm-154

MAT 6171

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-154



11

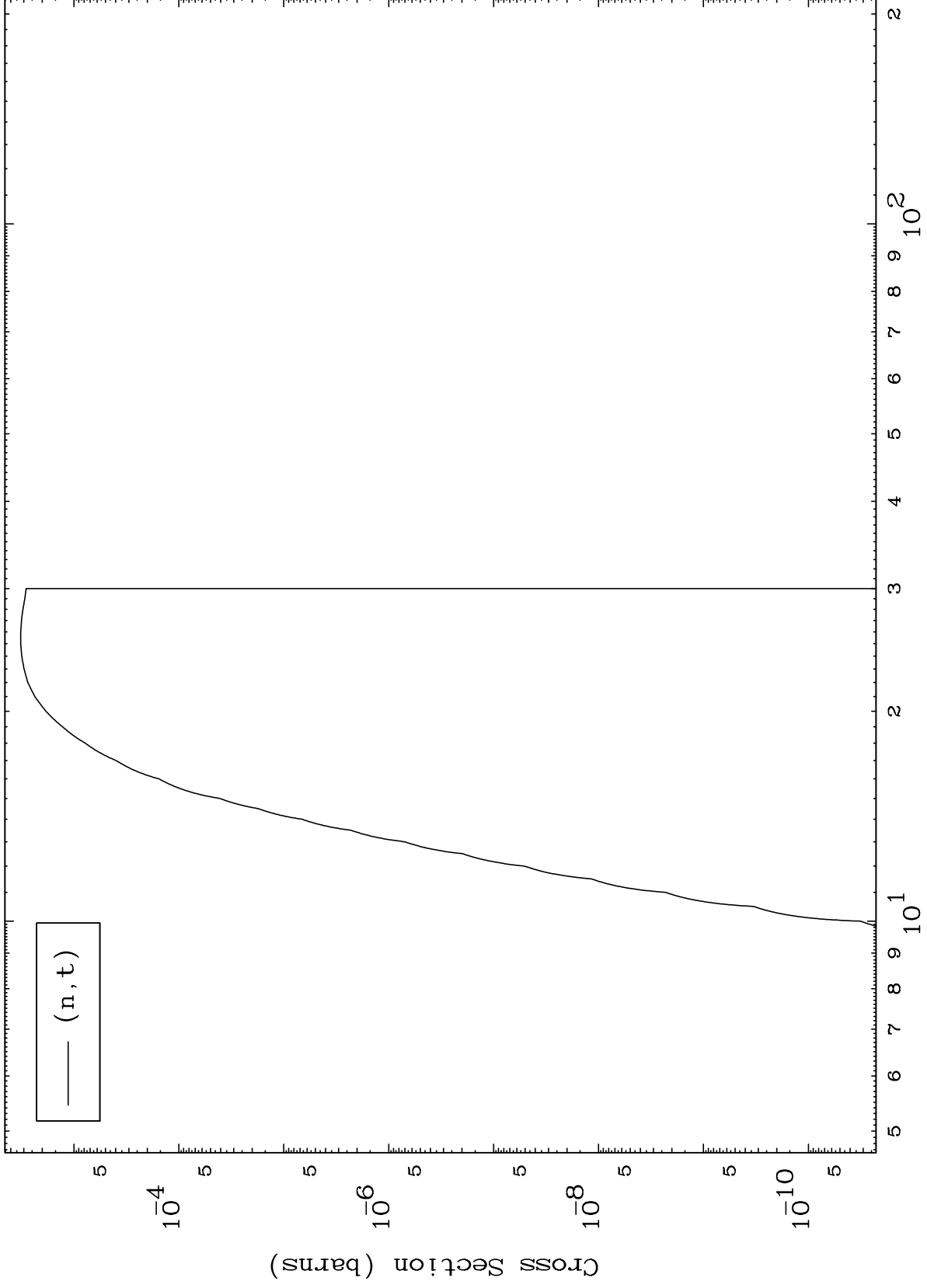
Incident Energy (MeV)

61-Pm-154

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(n,t) Levels
293 Kelvin Cross Sections

61-Pm-154



12

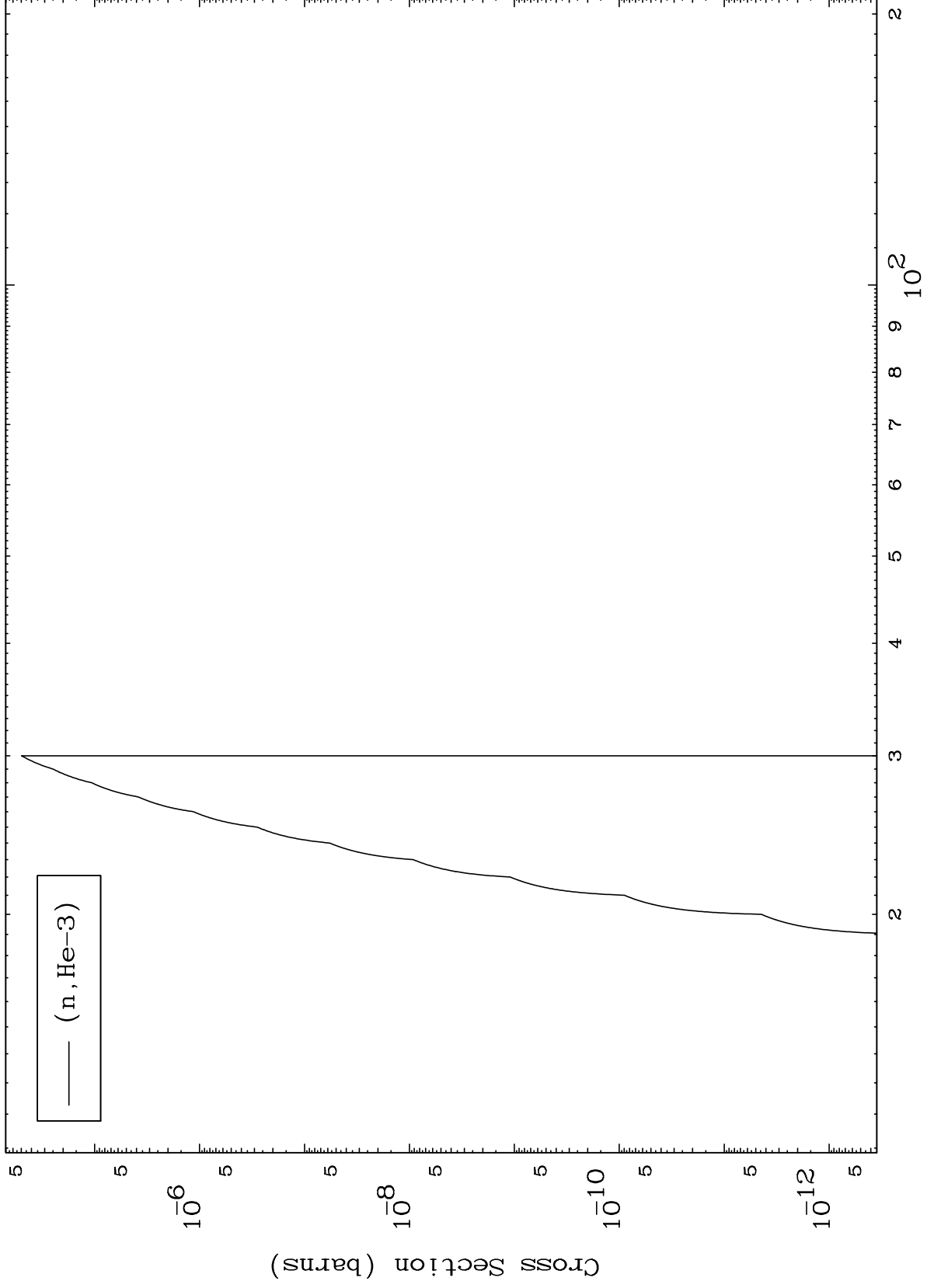
Incident Energy (MeV)

61-Pm-154

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(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-154



13

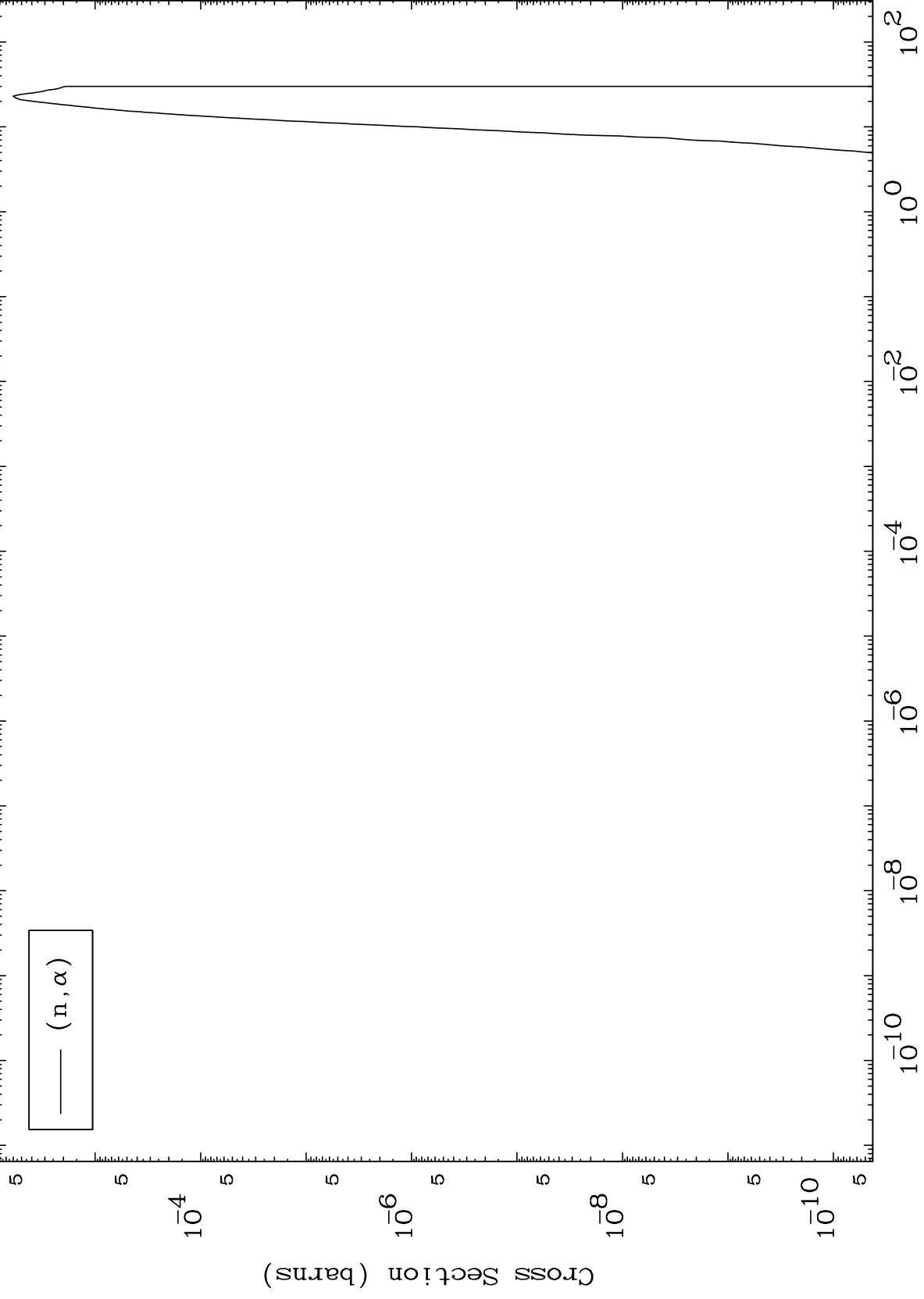
Incident Energy (MeV)

61-Pm-154

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(n, α) Levels
293 Kelvin Cross Sections

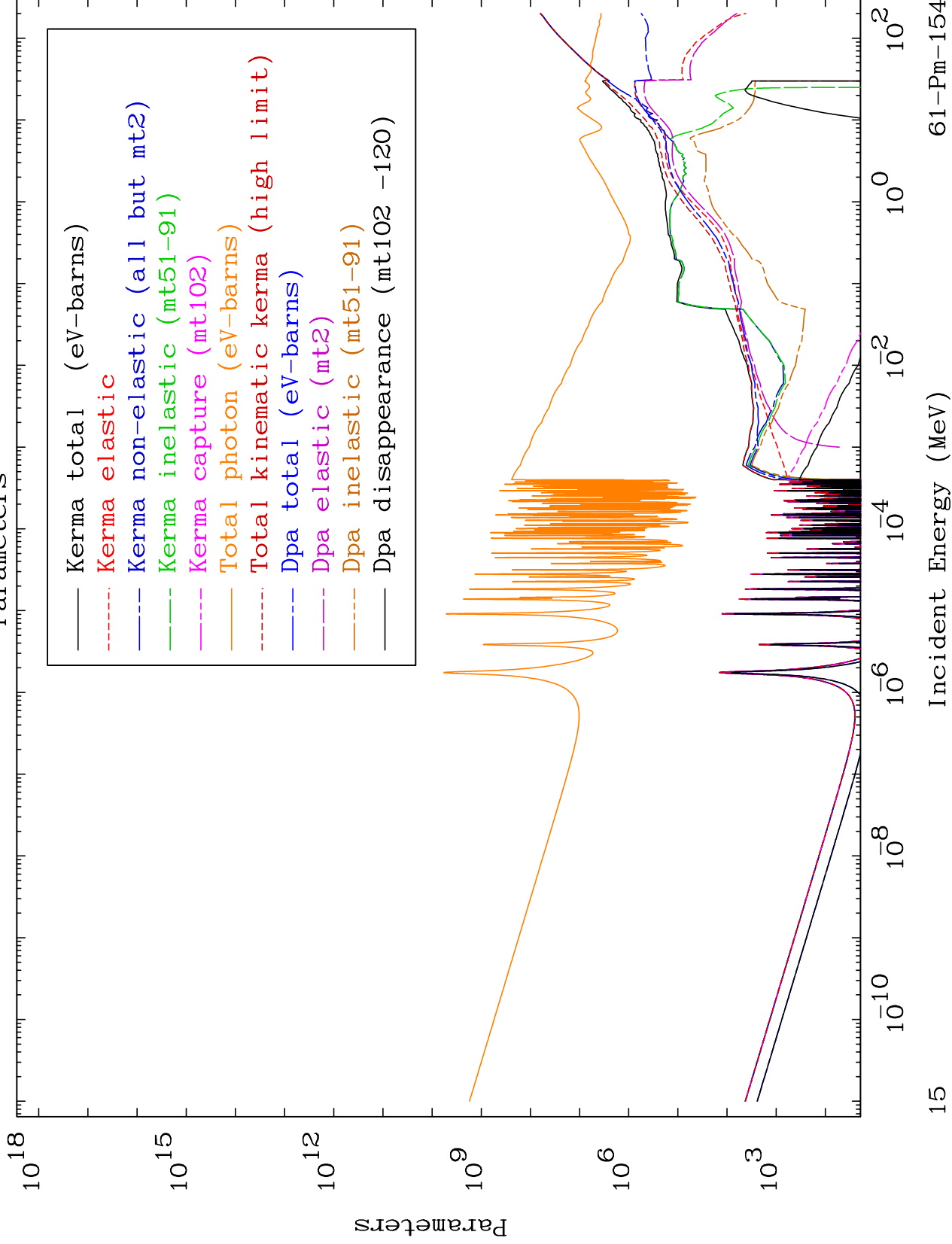
61-Pm-154



14

Incident Energy (MeV)

61-Pm-154



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Elastic Legendre Coefficients

61-Pm-154



16

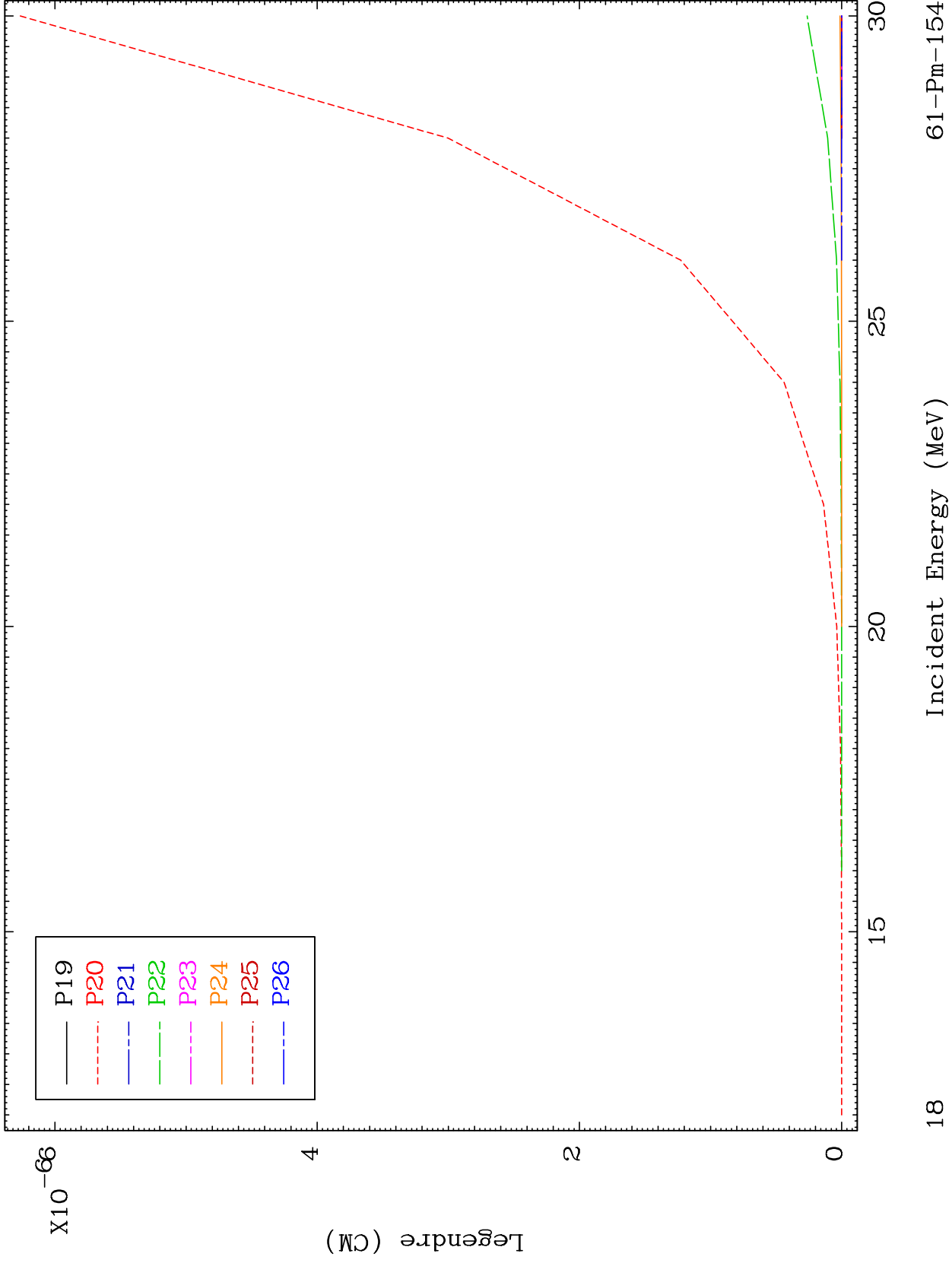
Incident Energy (MeV)

61-Pm-154

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Elastic Legendre Coefficients

61-Pm-154



18

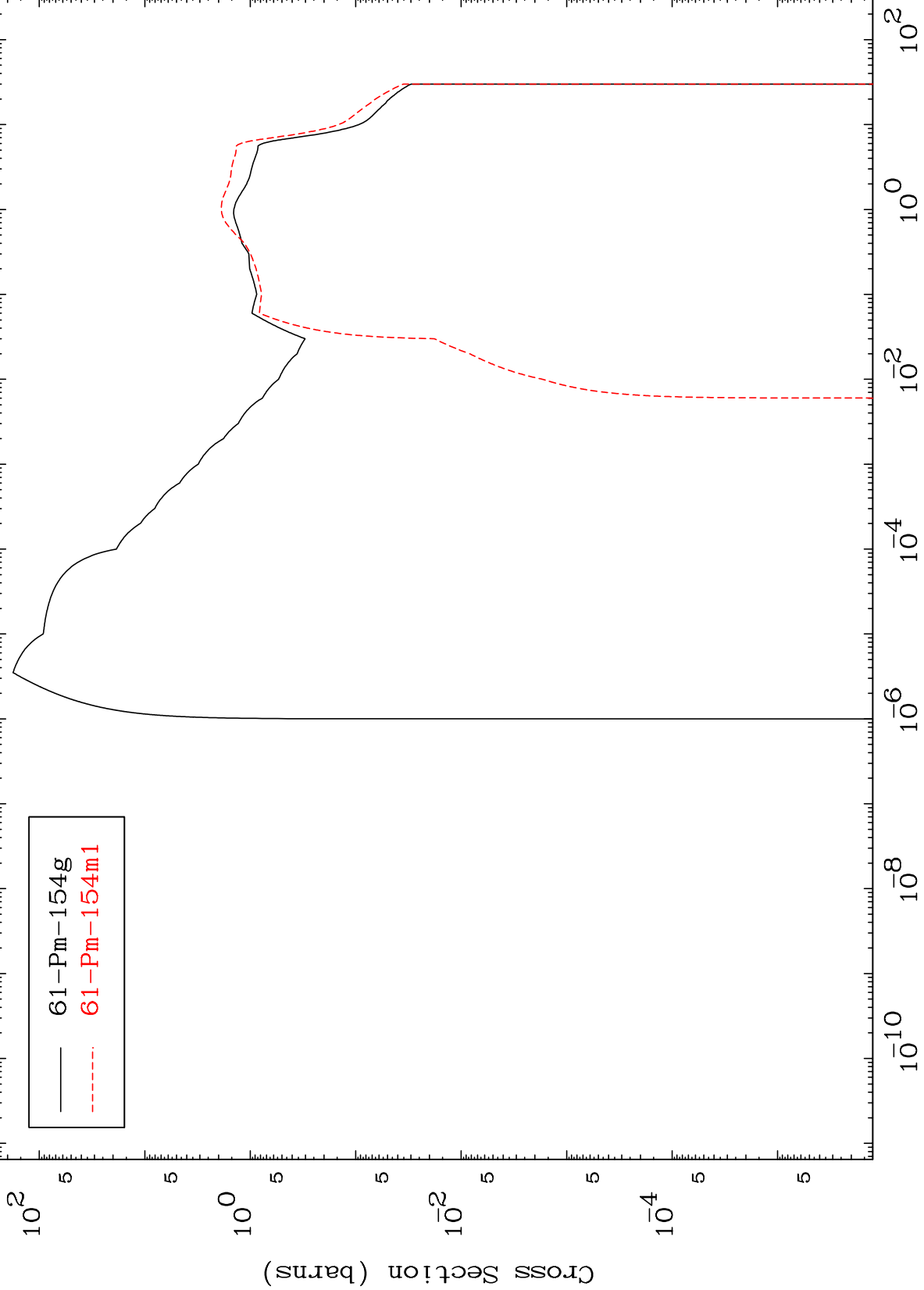
Incident Energy (MeV)

61-Pm-154

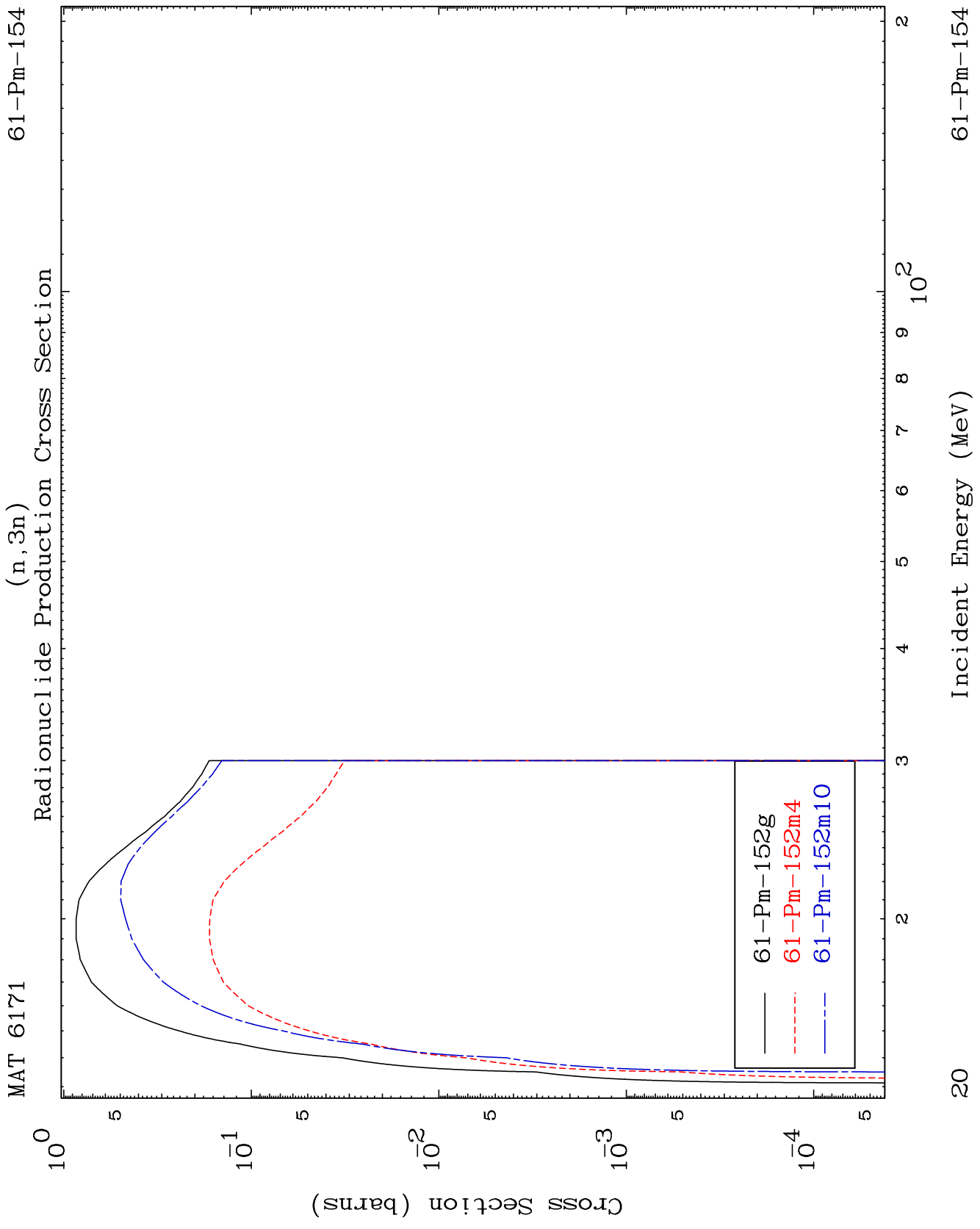
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Radionuclide Production Cross Section

61-Pm-154



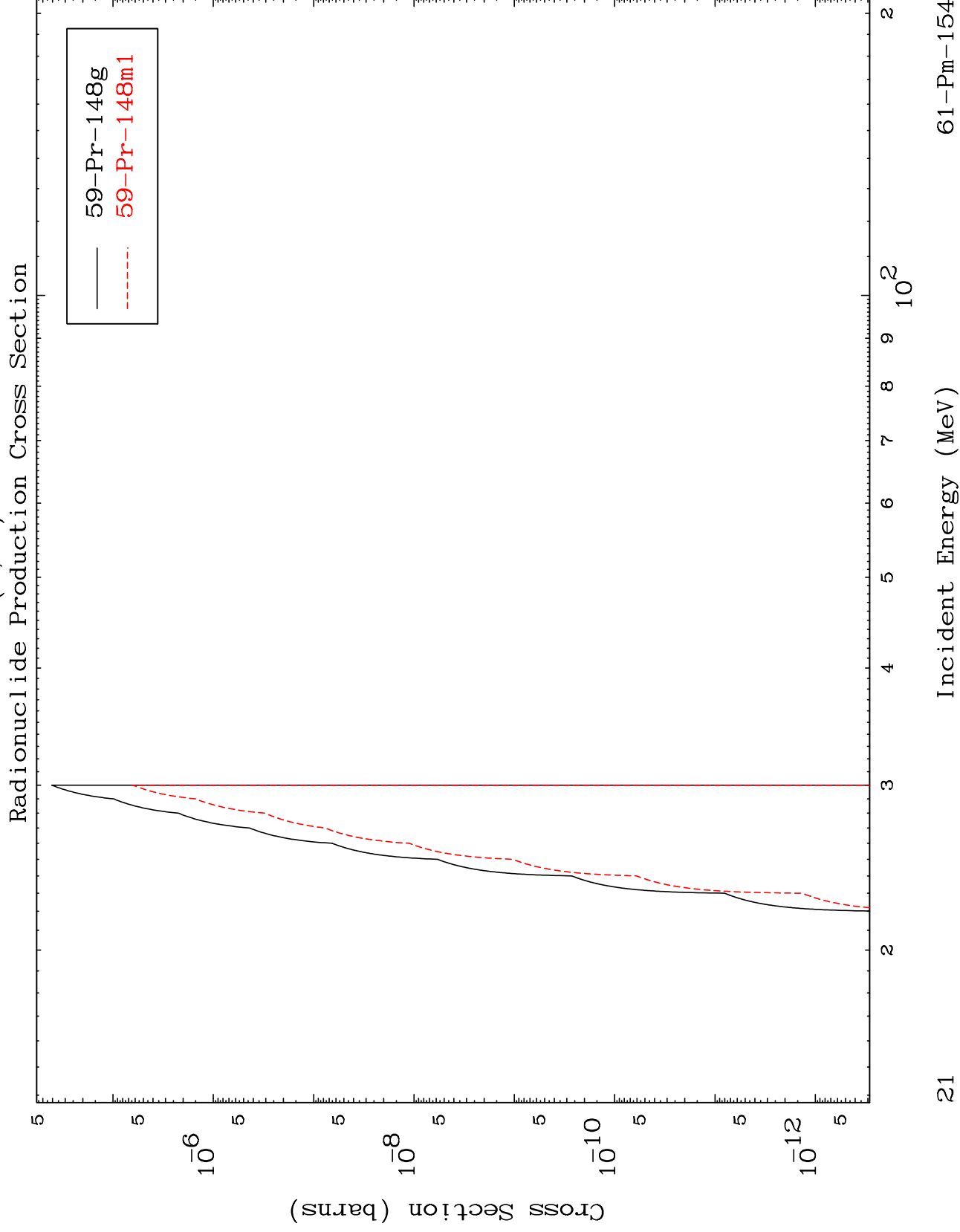
61-Pm-154g
61-Pm-154m1



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(n,3n) α

61-Pm-154



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61-Pm-154