

Program EVALPLOT
(Version 2018-1)

by

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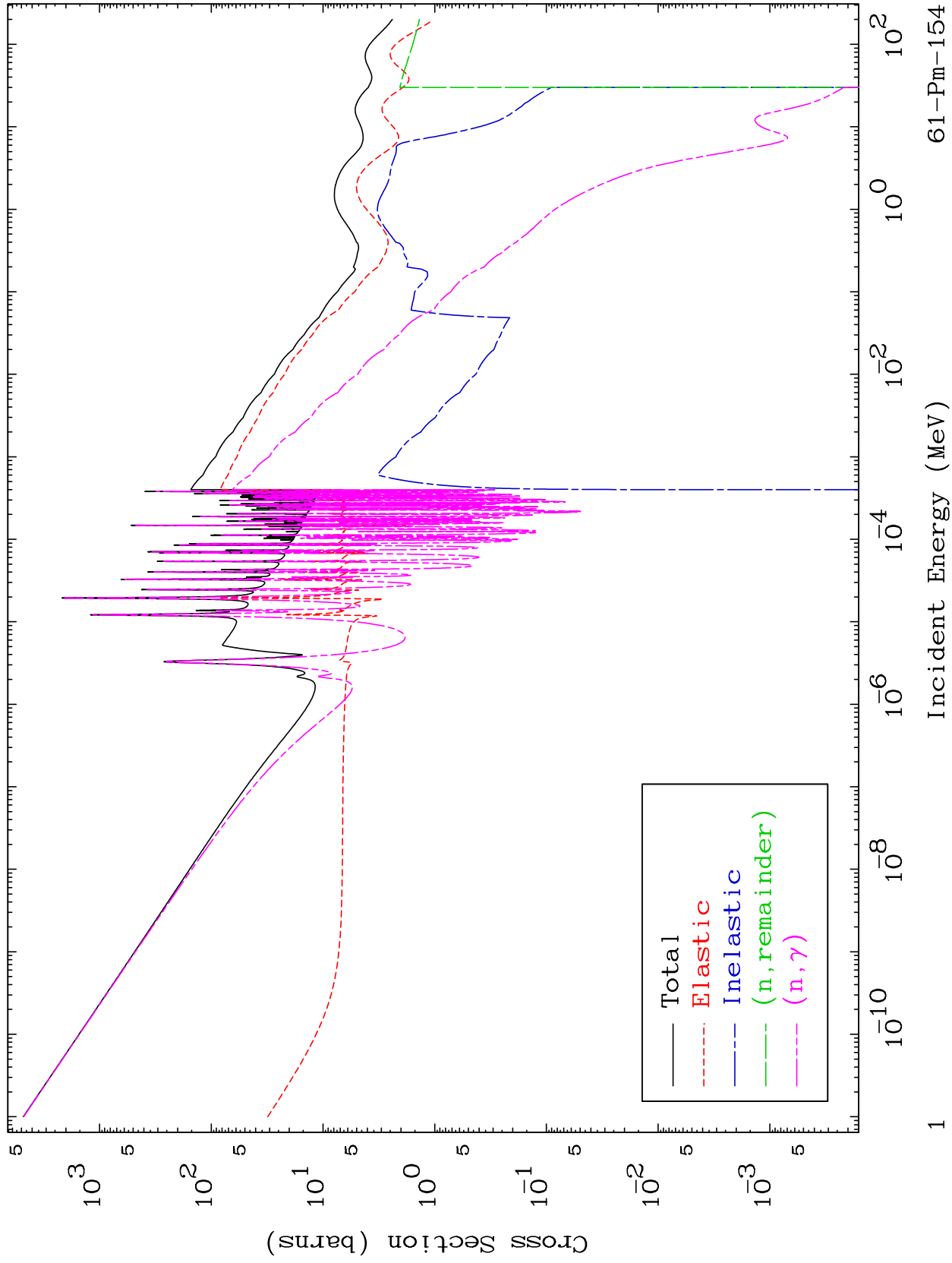
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

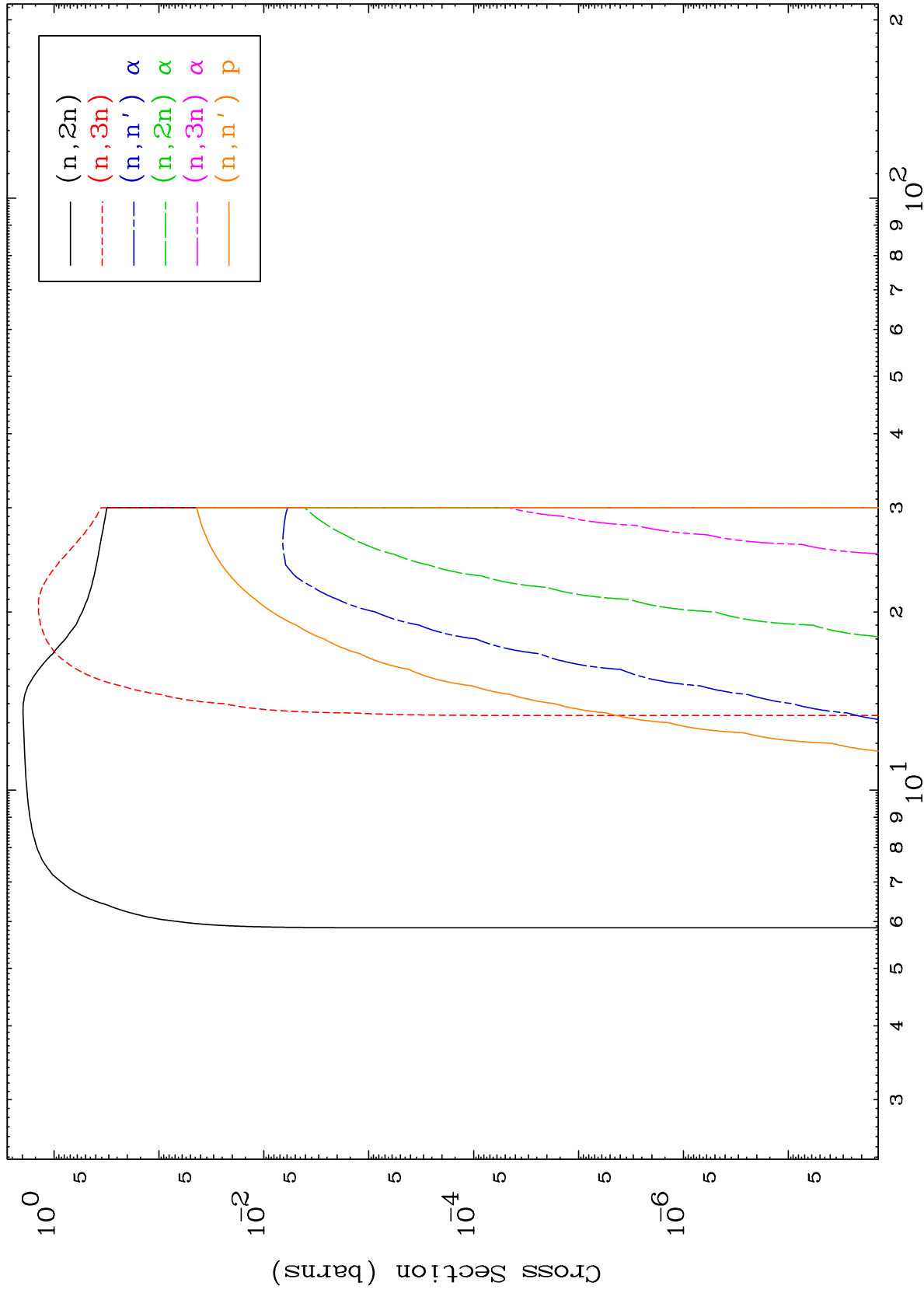
Press Mouse Button to Start

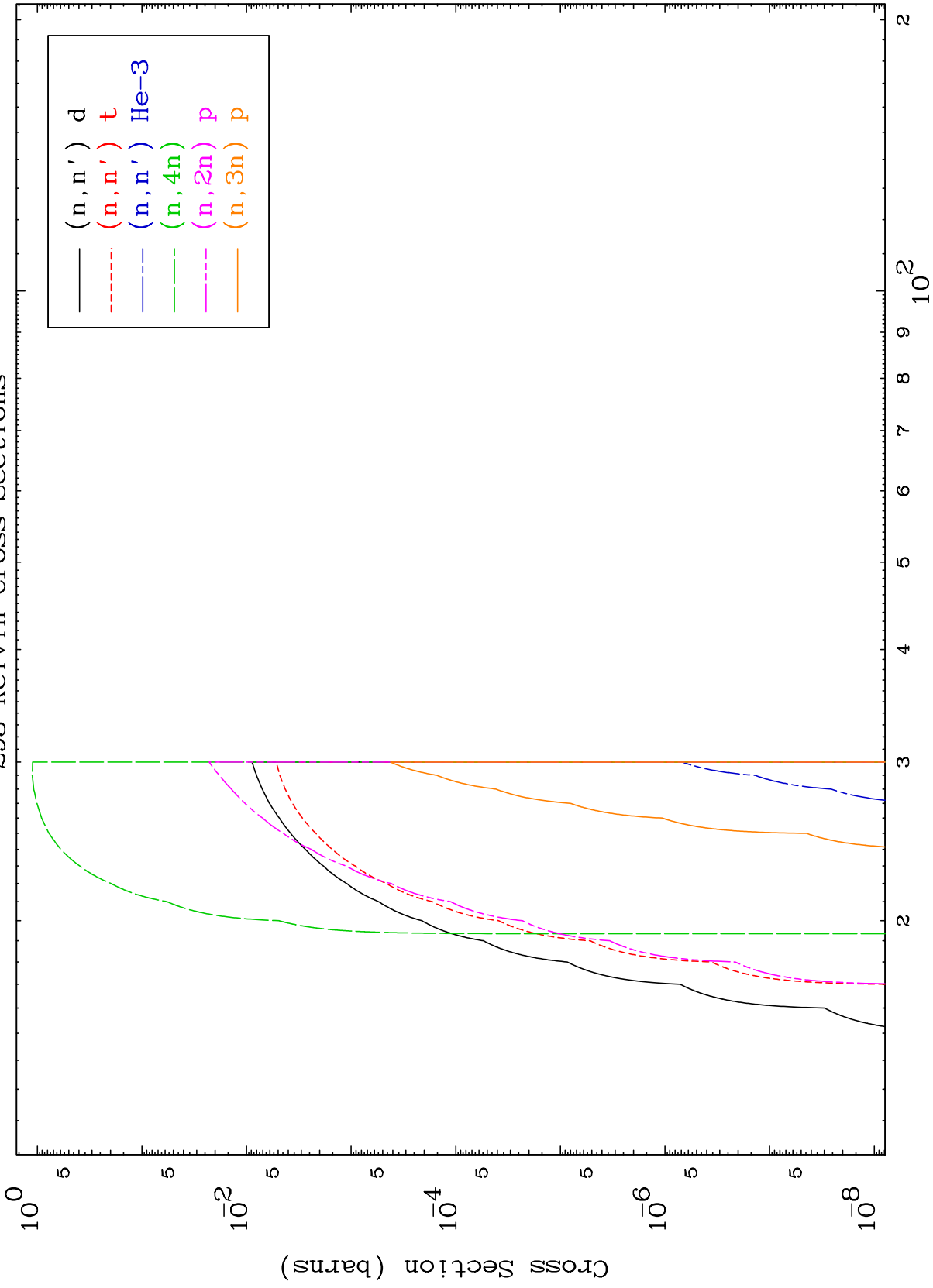
MAT 6171

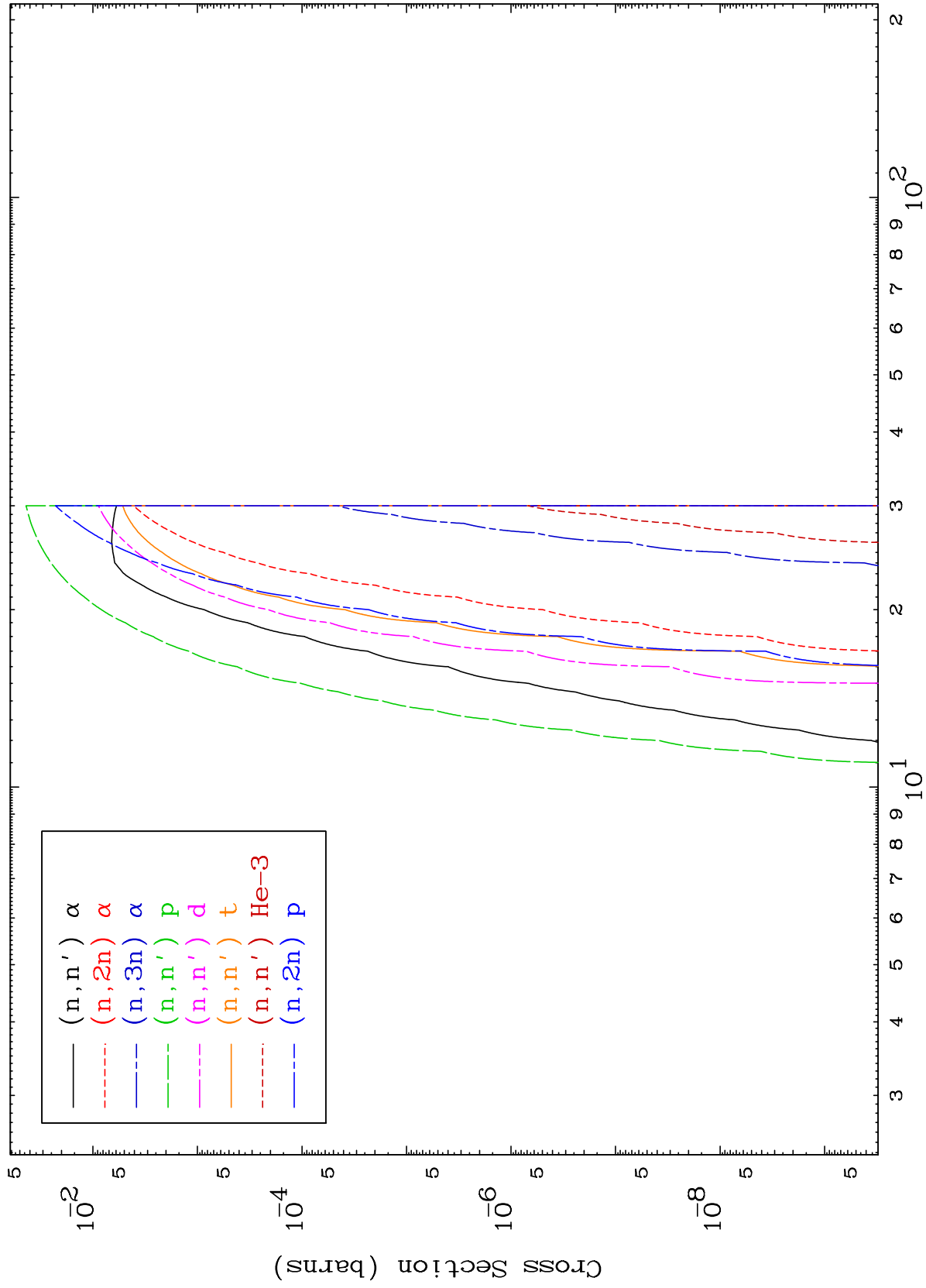
Major
293 Kelvin Cross Sections

61-Pm-154





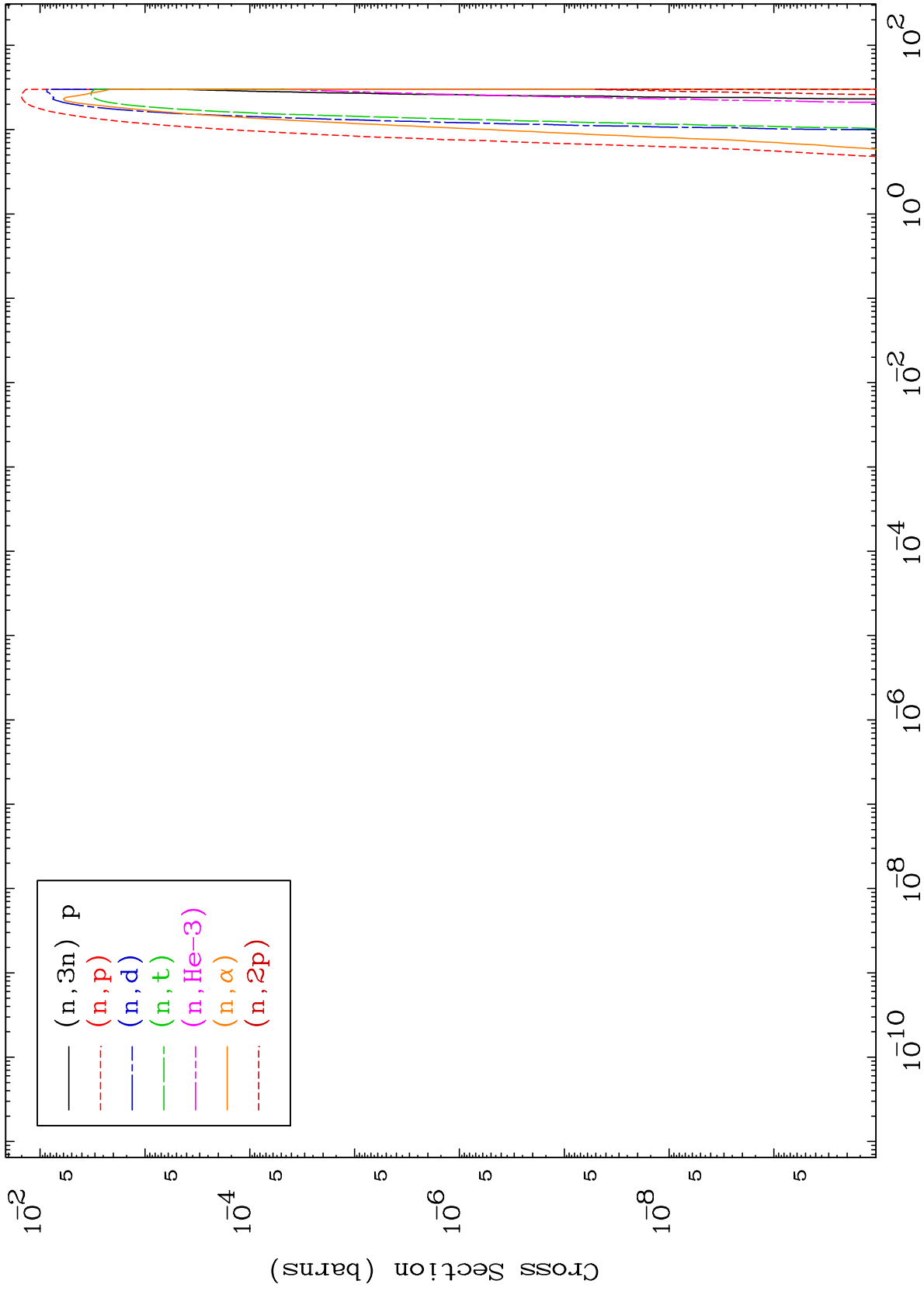




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293 Kelvin Cross Sections

61-Pm-154



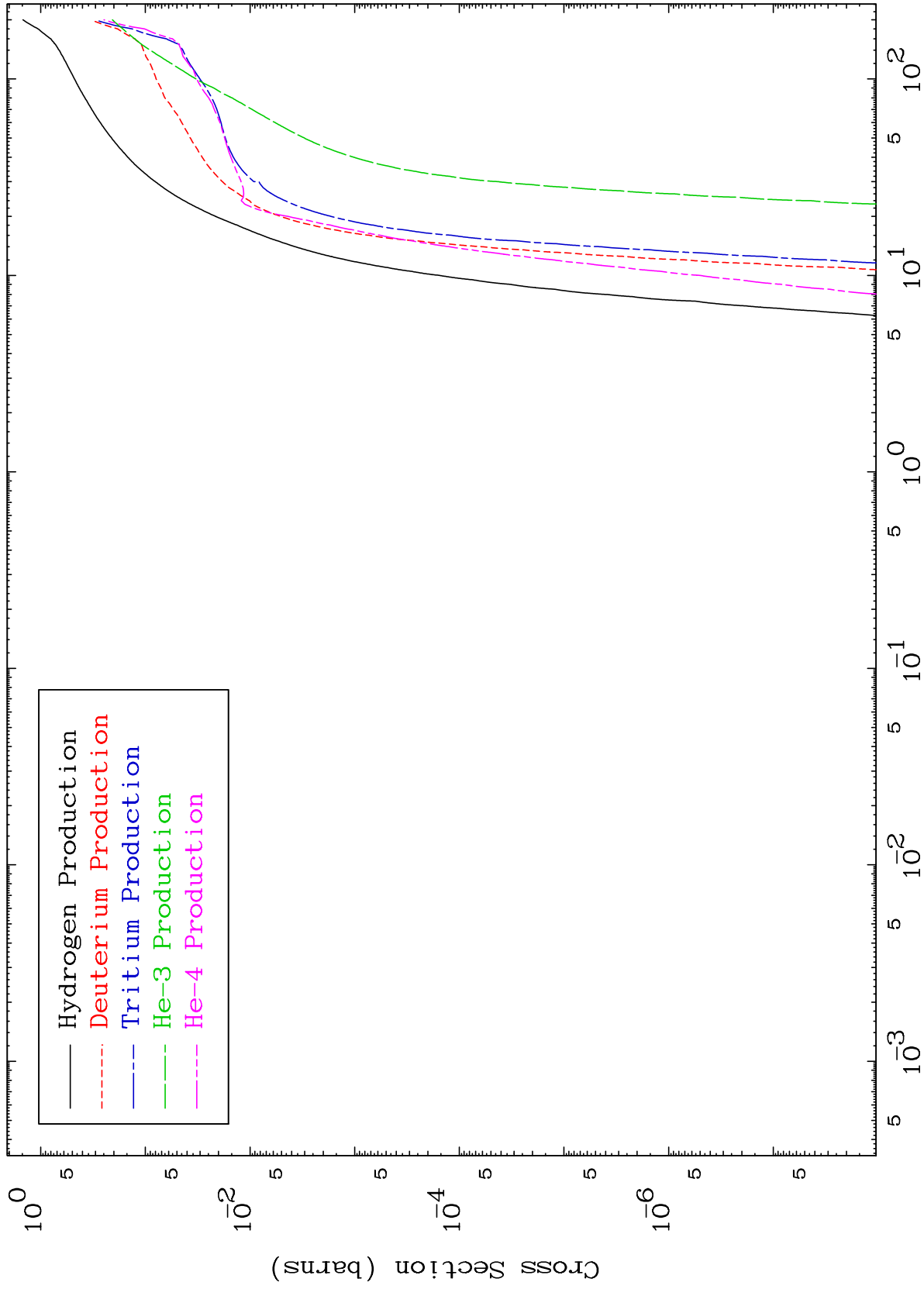
5

61-Pm-154

MAT 6171

Particle Production
293 Kelvin Cross Sections

61-Pm-154



6

Incident Energy (MeV)

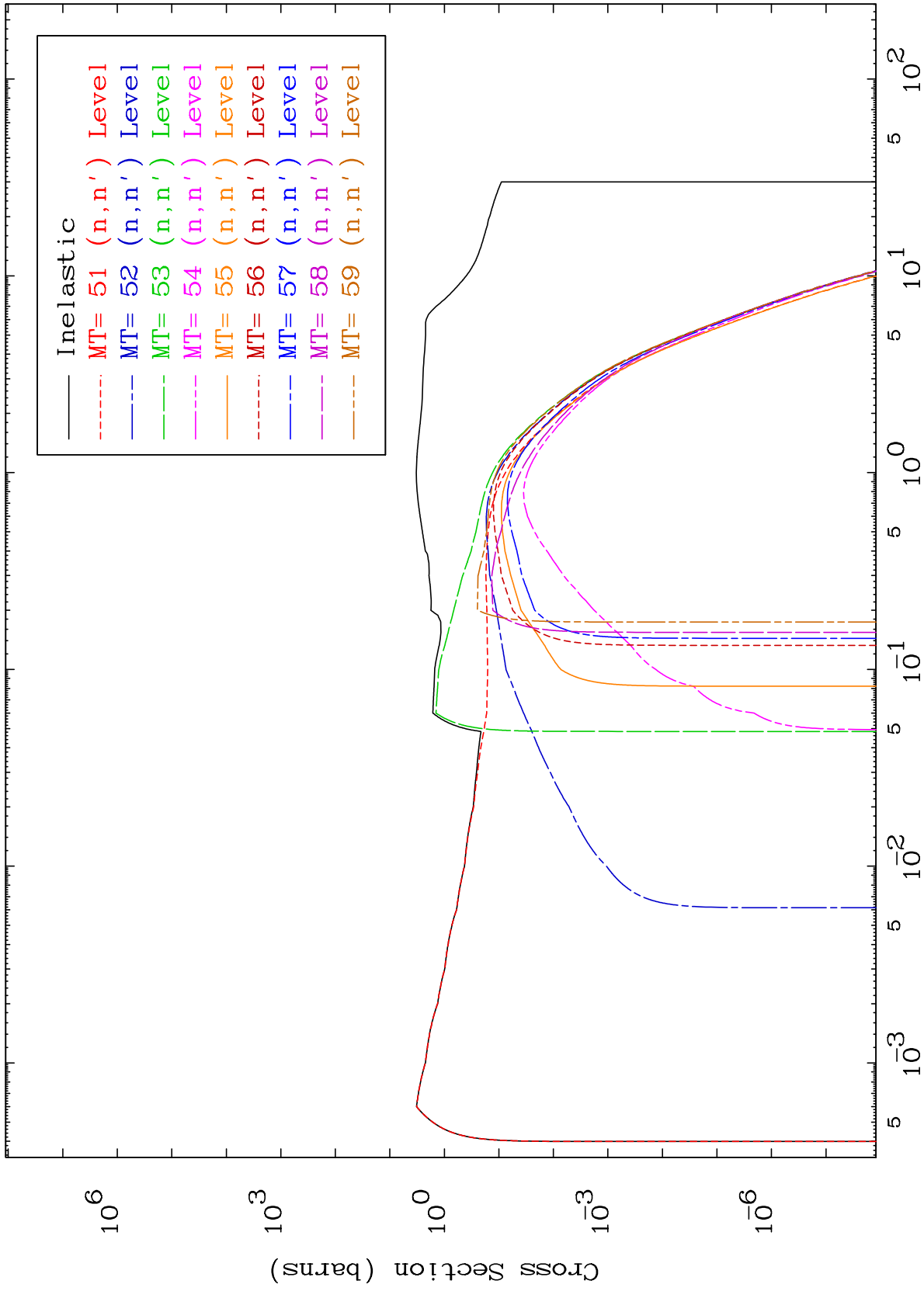
61-Pm-154

MAT 6171

(n,n') Level

61-Pm-154

293 Kelvin Cross Sections



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Incident Energy (MeV)

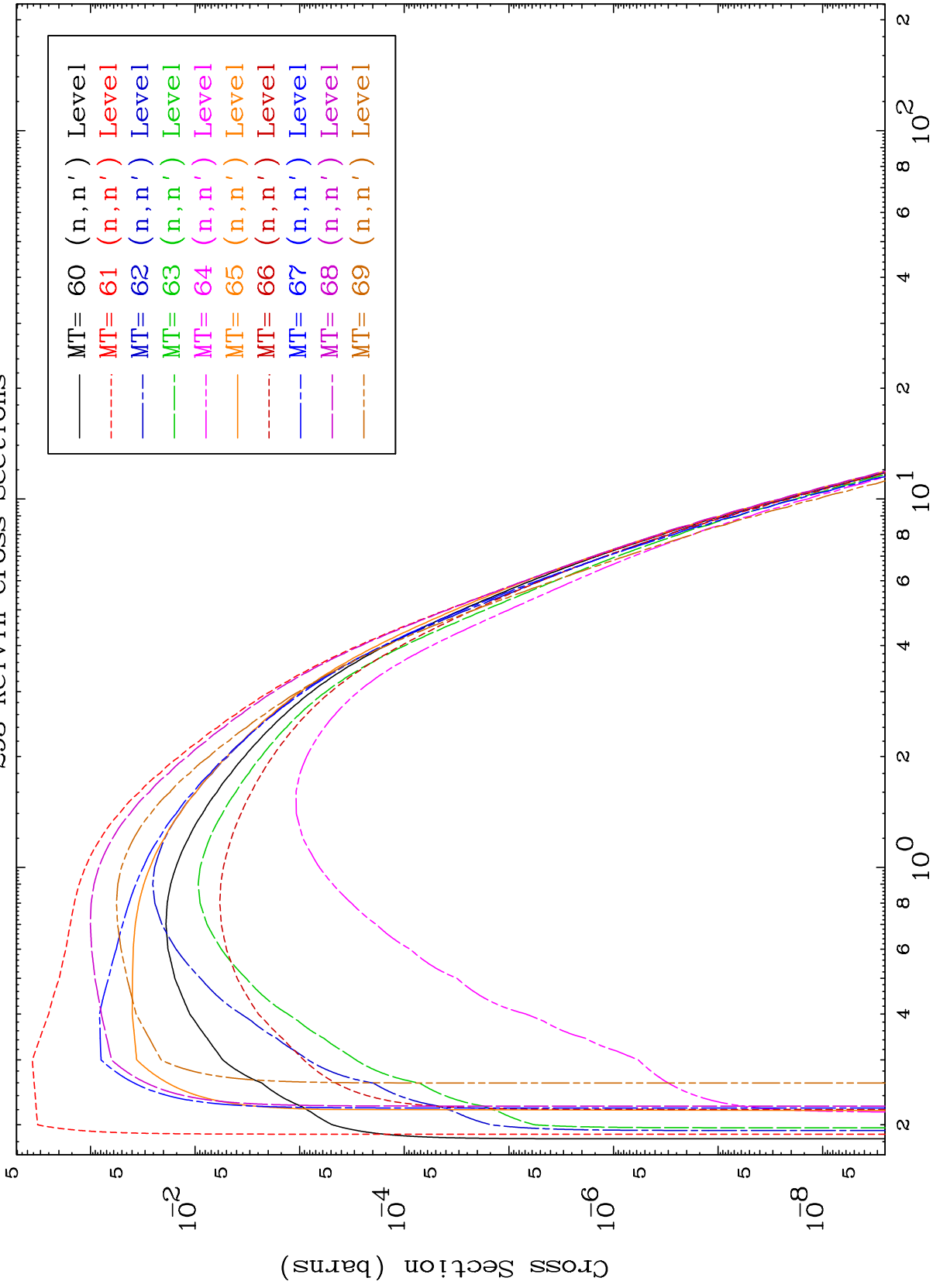
61-Pm-154

MAT 6171

(n,n') Level

61-Pm-154

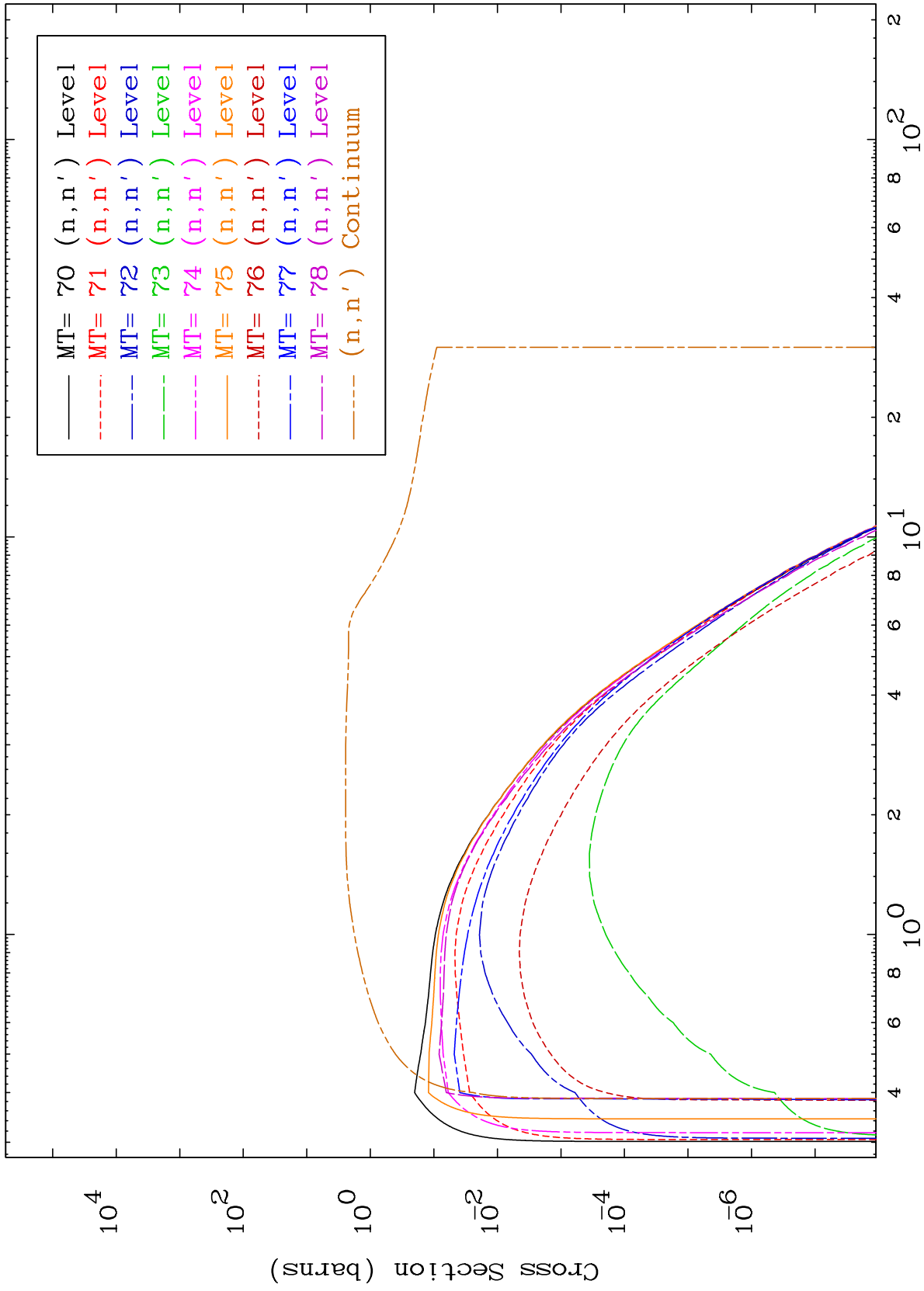
293 Kelvin Cross Sections



8

Incident Energy (MeV)

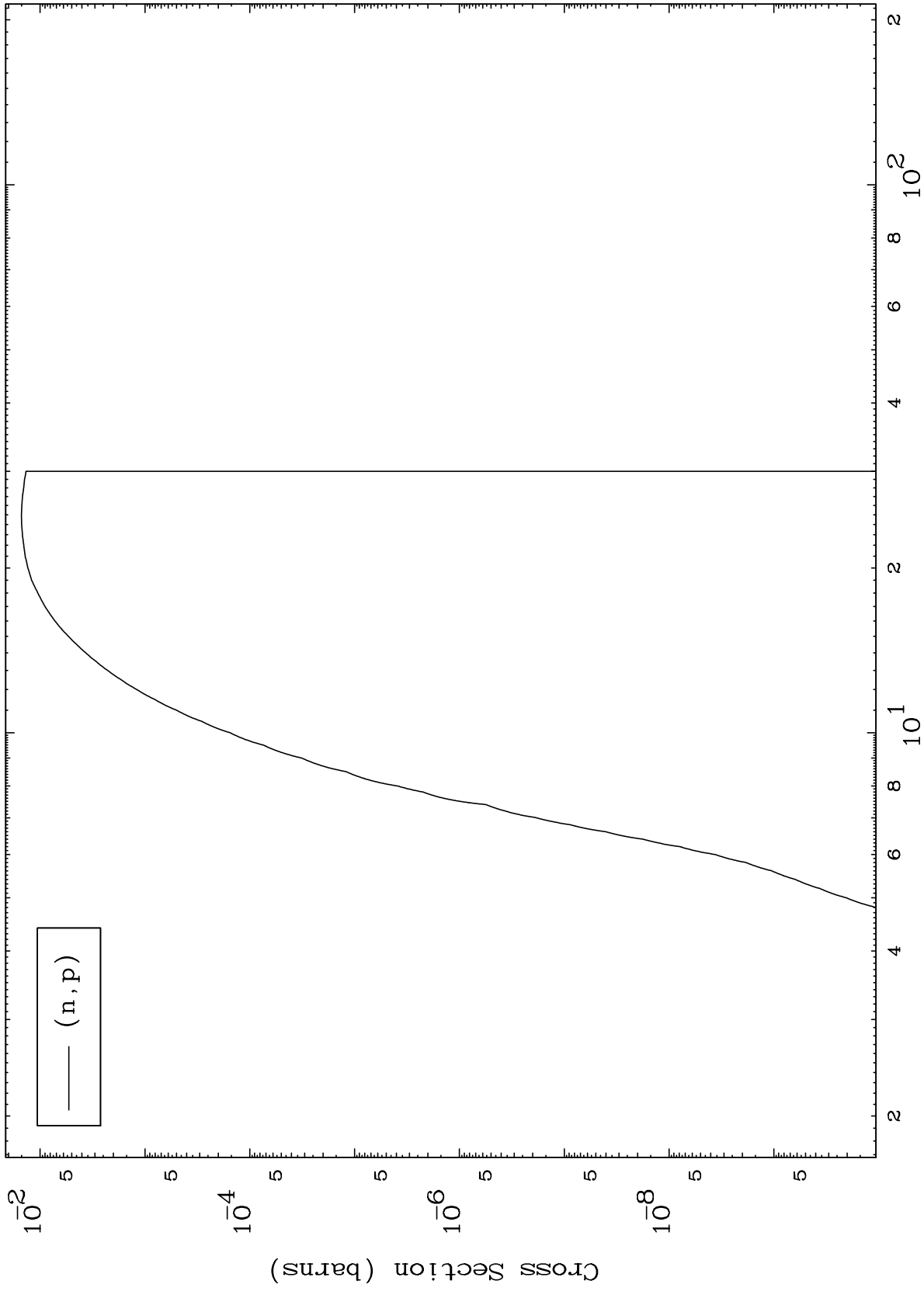
61-Pm-154



MAT 6171

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-154



10

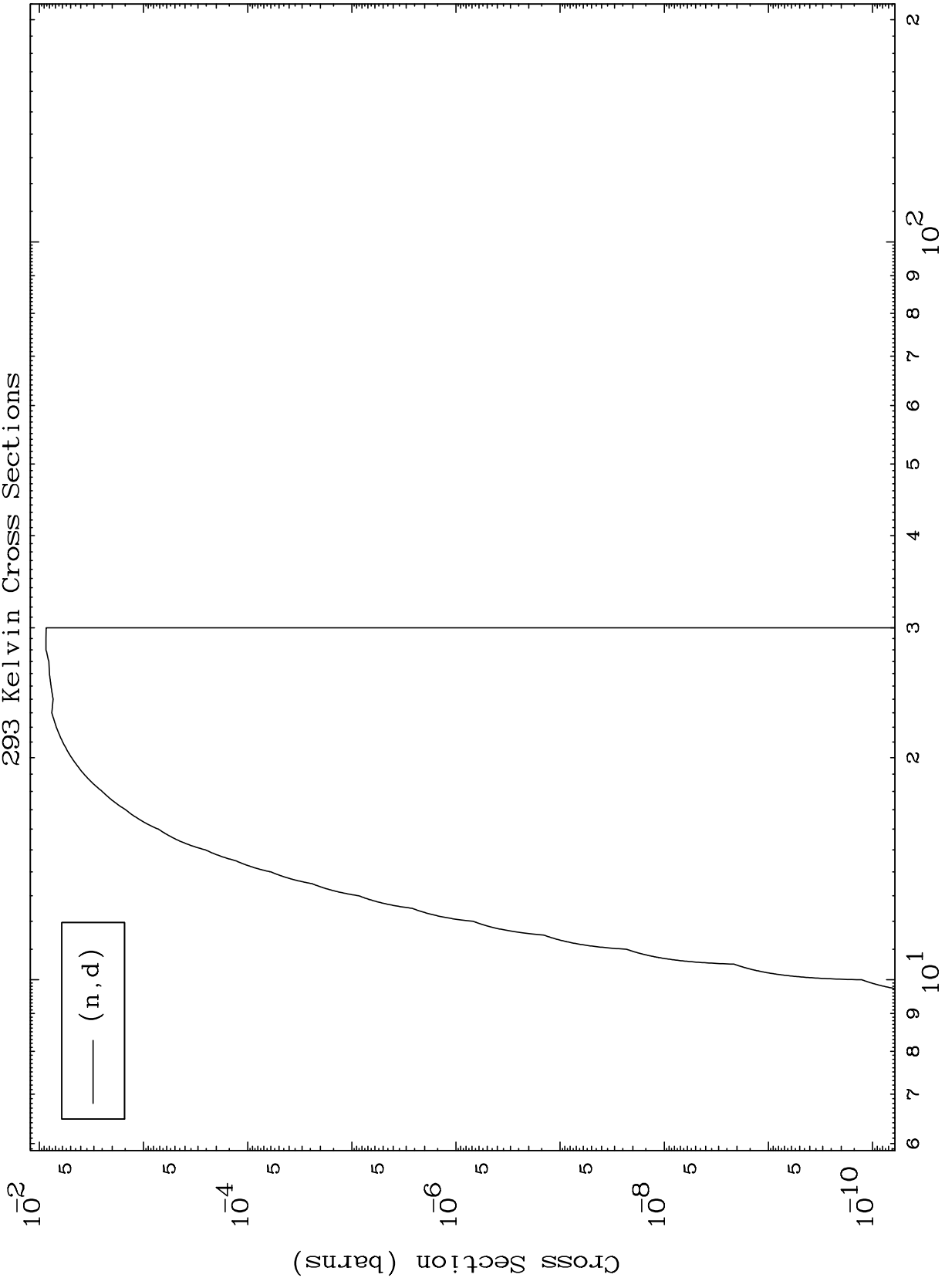
Incident Energy (MeV)

61-Pm-154

MAT 6171

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-154



11

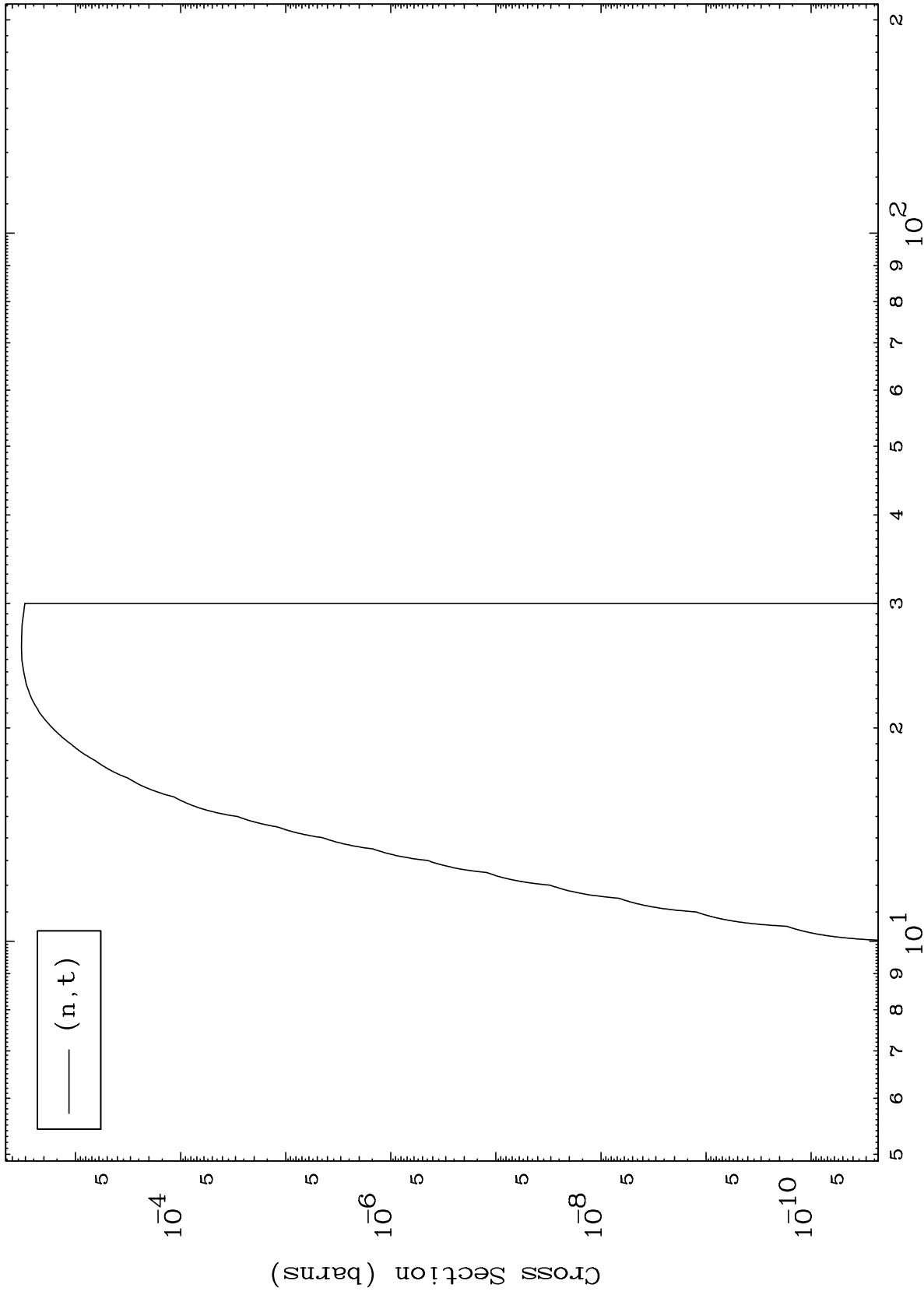
Incident Energy (MeV)

61-Pm-154

MAT 6171

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-154



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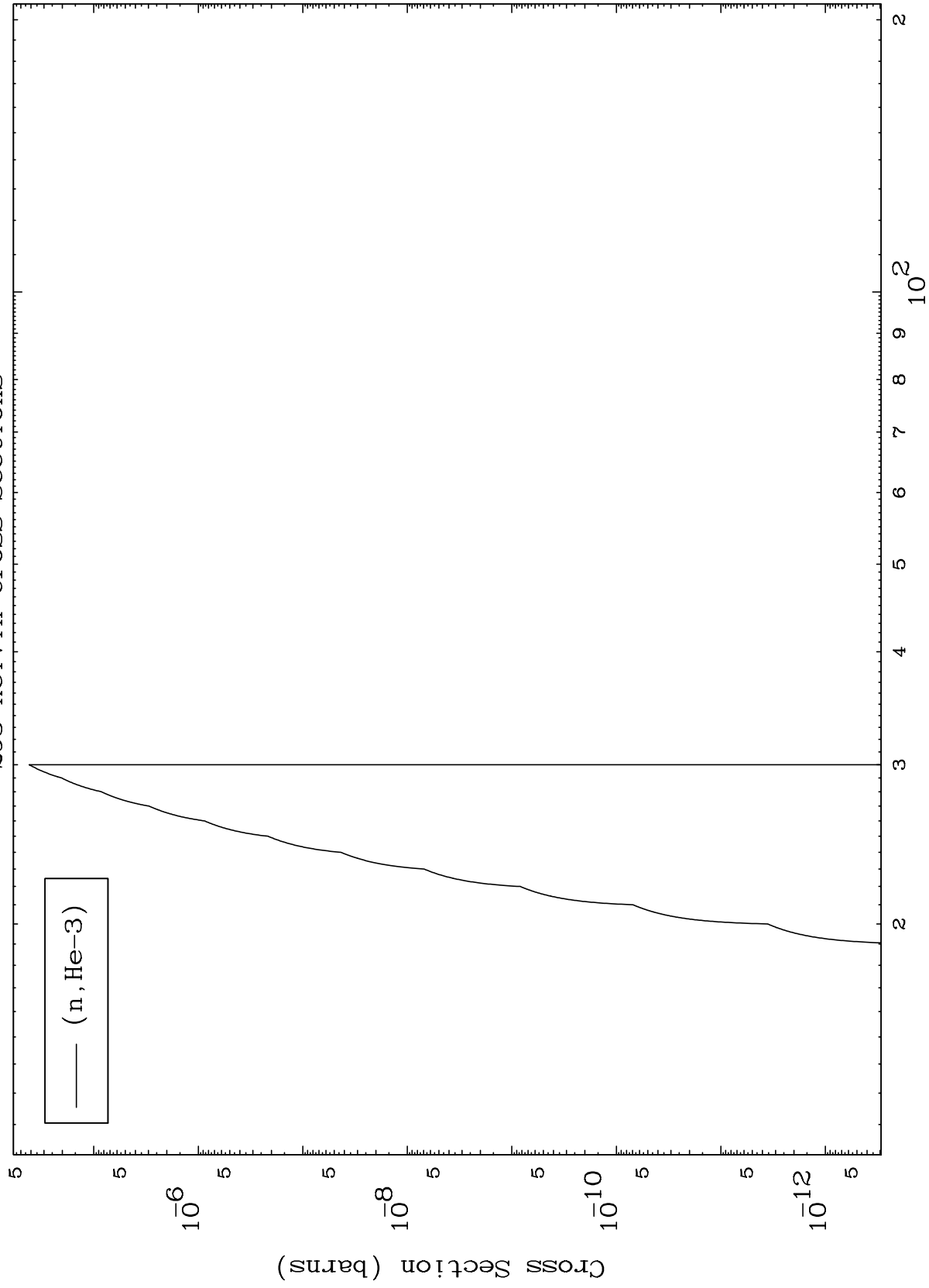
Incident Energy (MeV)

61-Pm-154

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(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-154



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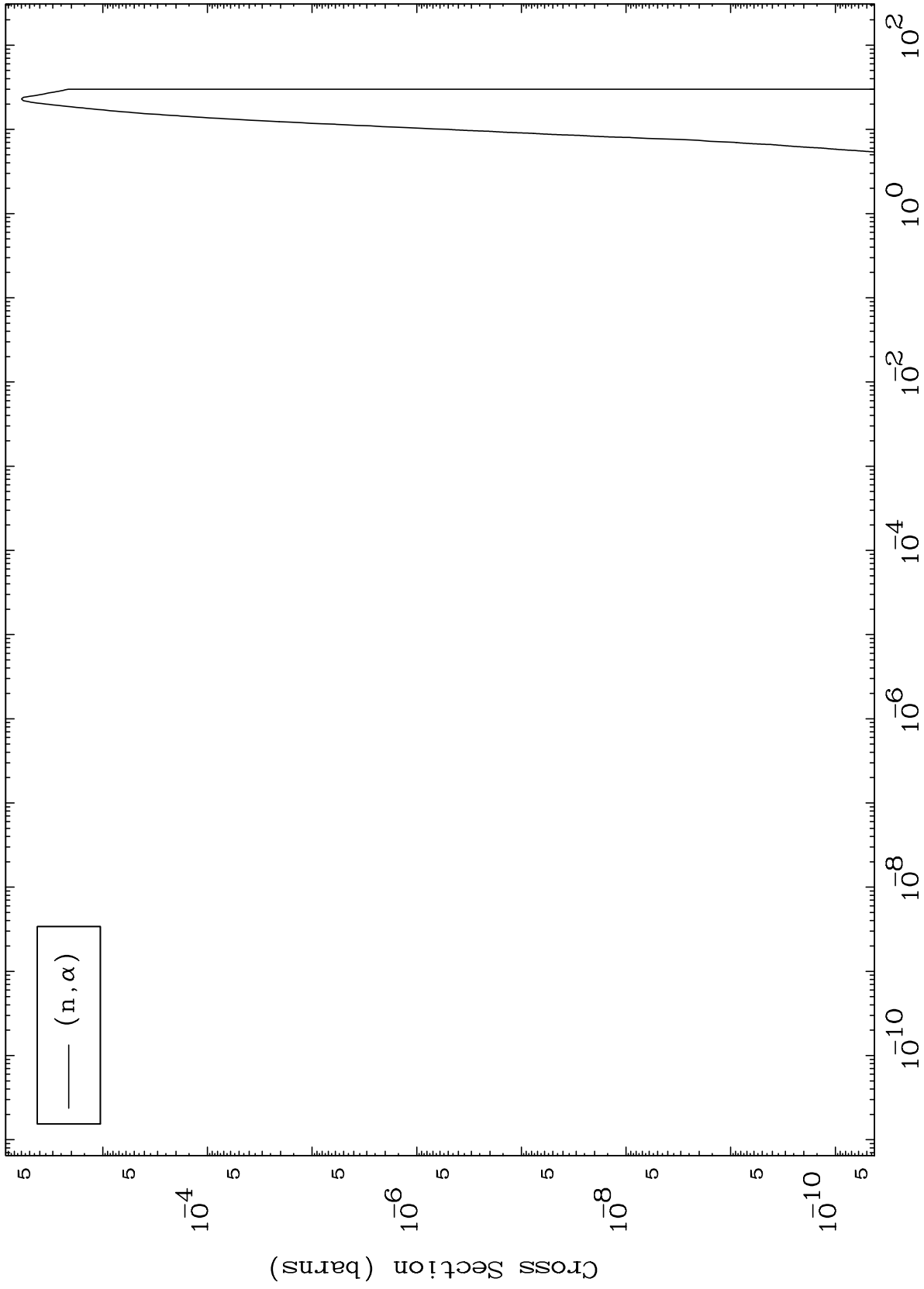
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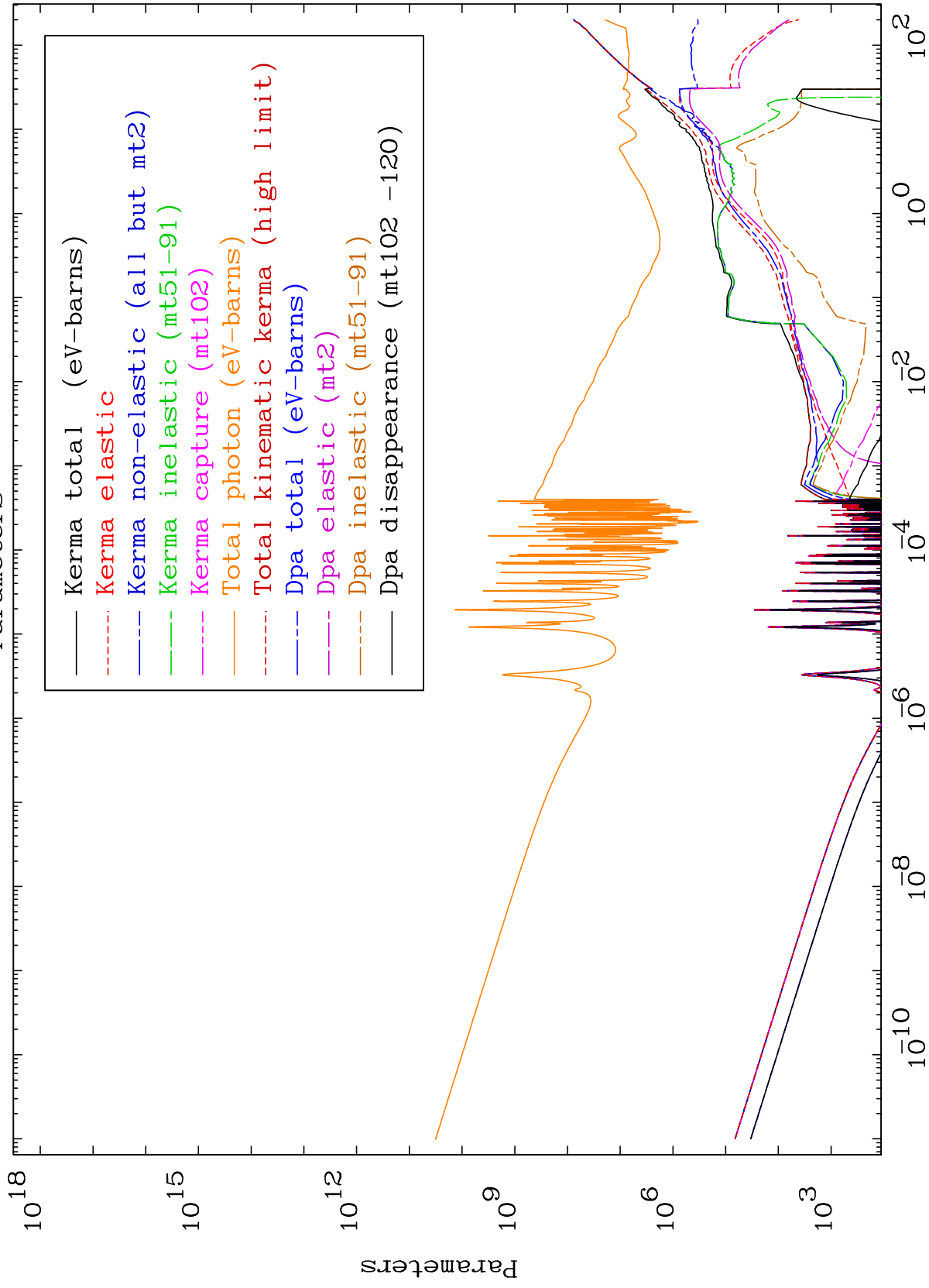
61-Pm-154

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(n,α) Levels
293 Kelvin Cross Sections

61-Pm-154

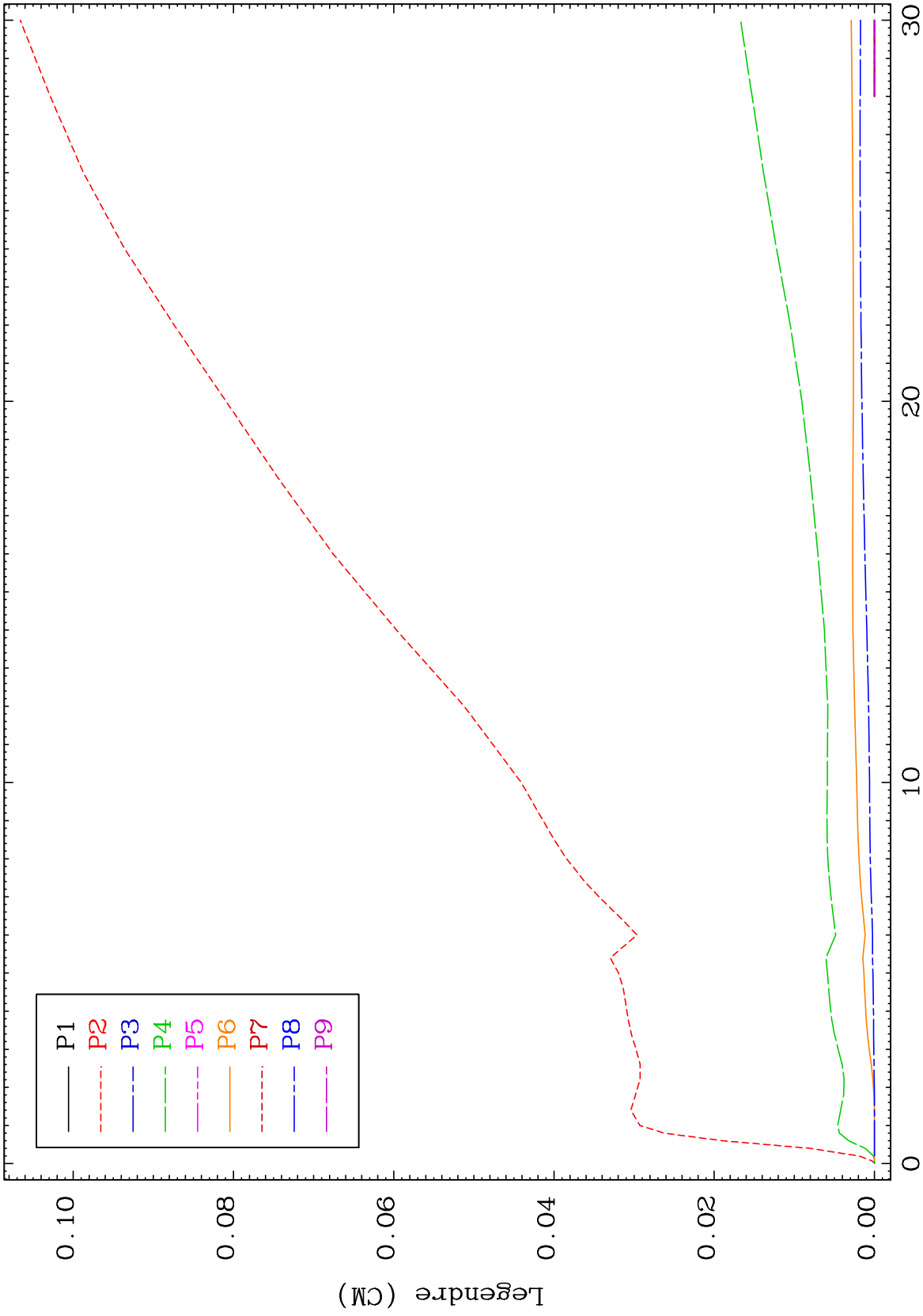




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Elastic Legendre Coefficients

61-Pm-154



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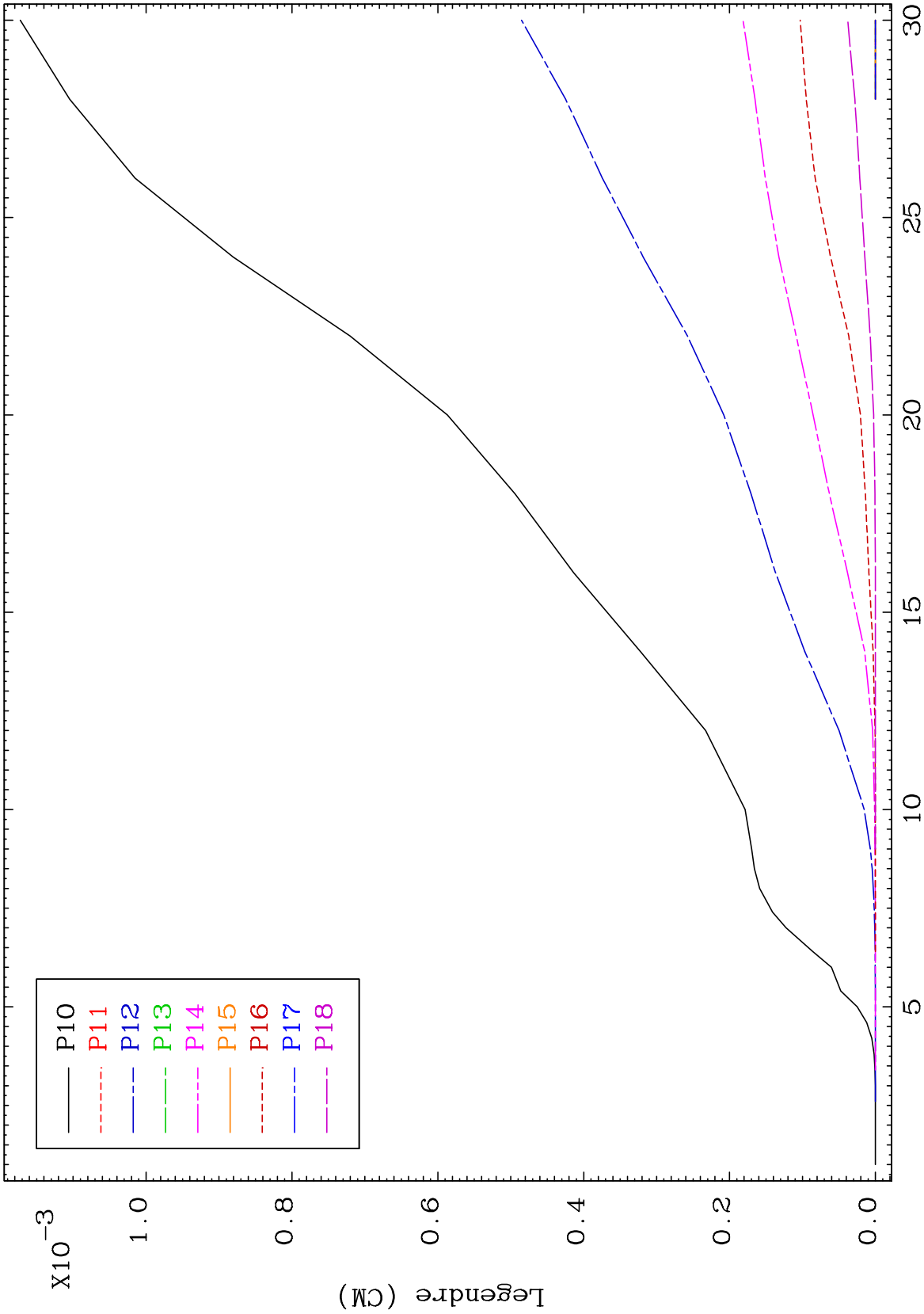
Incident Energy (MeV)

61-Pm-154

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Elastic Legendre Coefficients

61-Pm-154



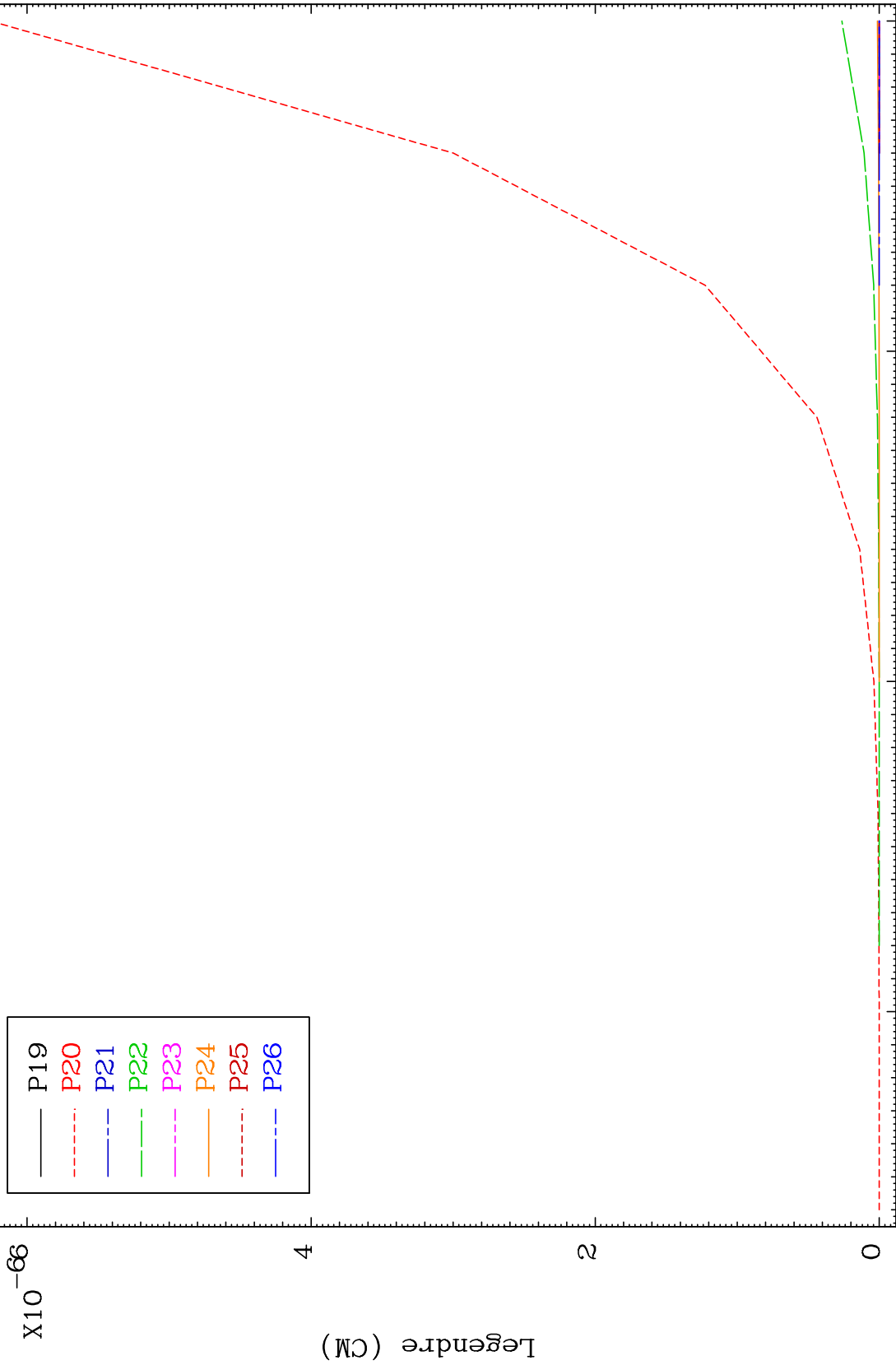
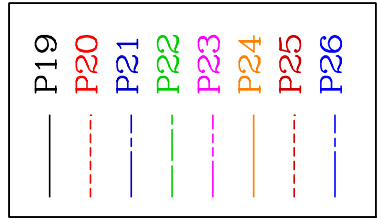
17

61-Pm-154

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Elastic
Legendre Coefficients

61-Pm-154



18

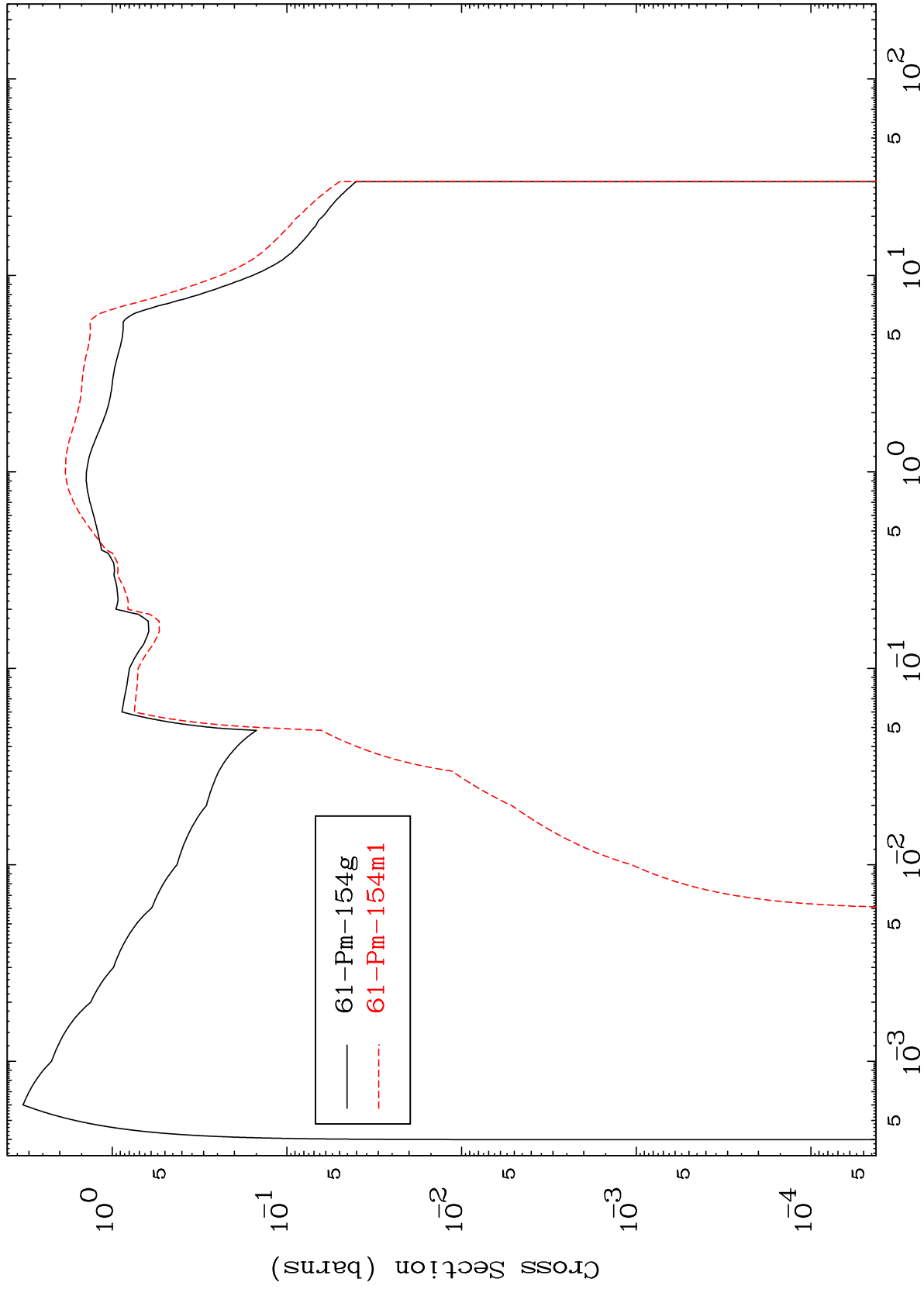
Incident Energy (MeV)

61-Pm-154

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61-Pm-154

Inelastic Radionuclide Production Cross Section



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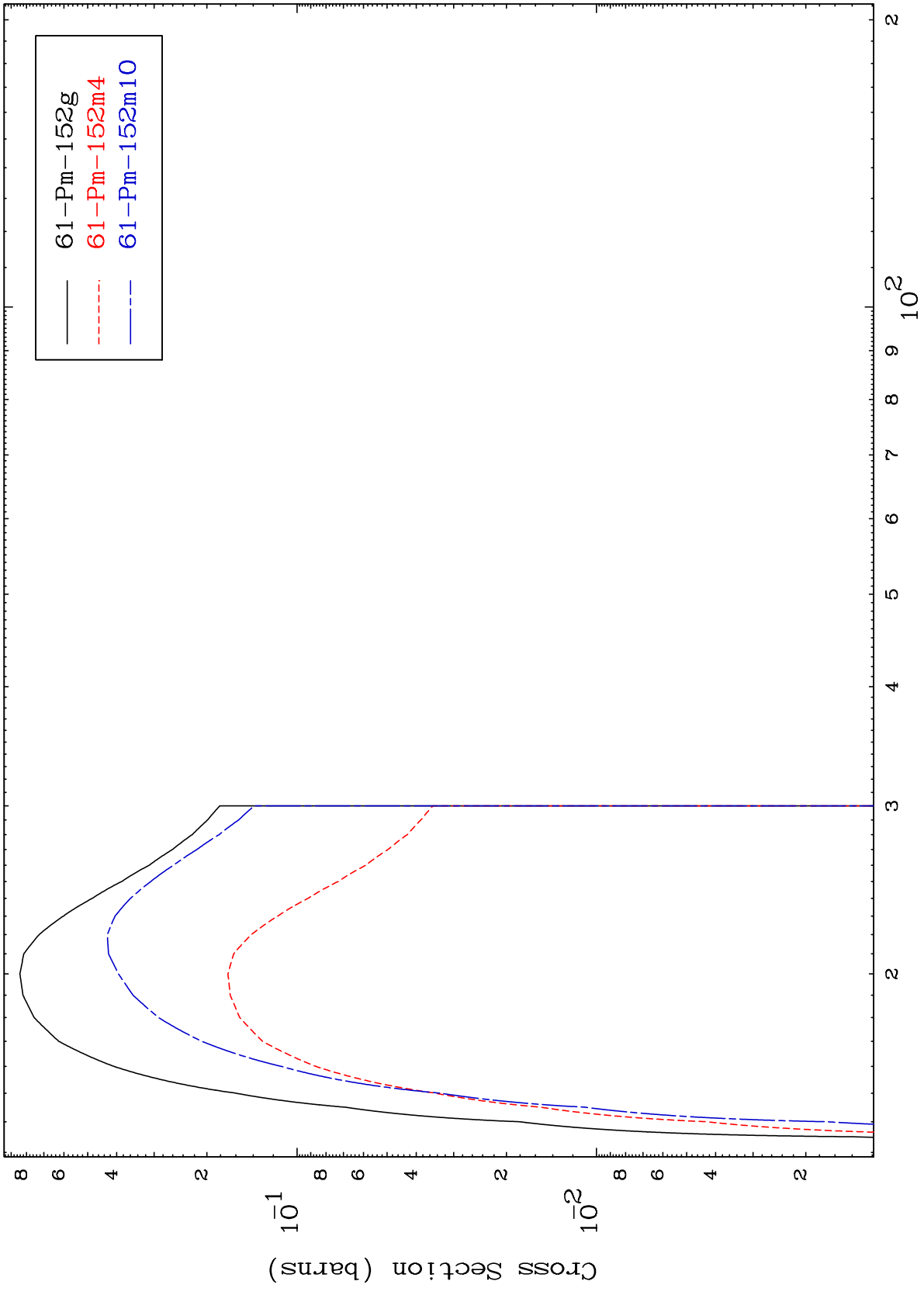
61-Pm-154

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(n,3n)

61-Pm-154

Radionuclide Production Cross Section



20

Incident Energy (MeV)

10²

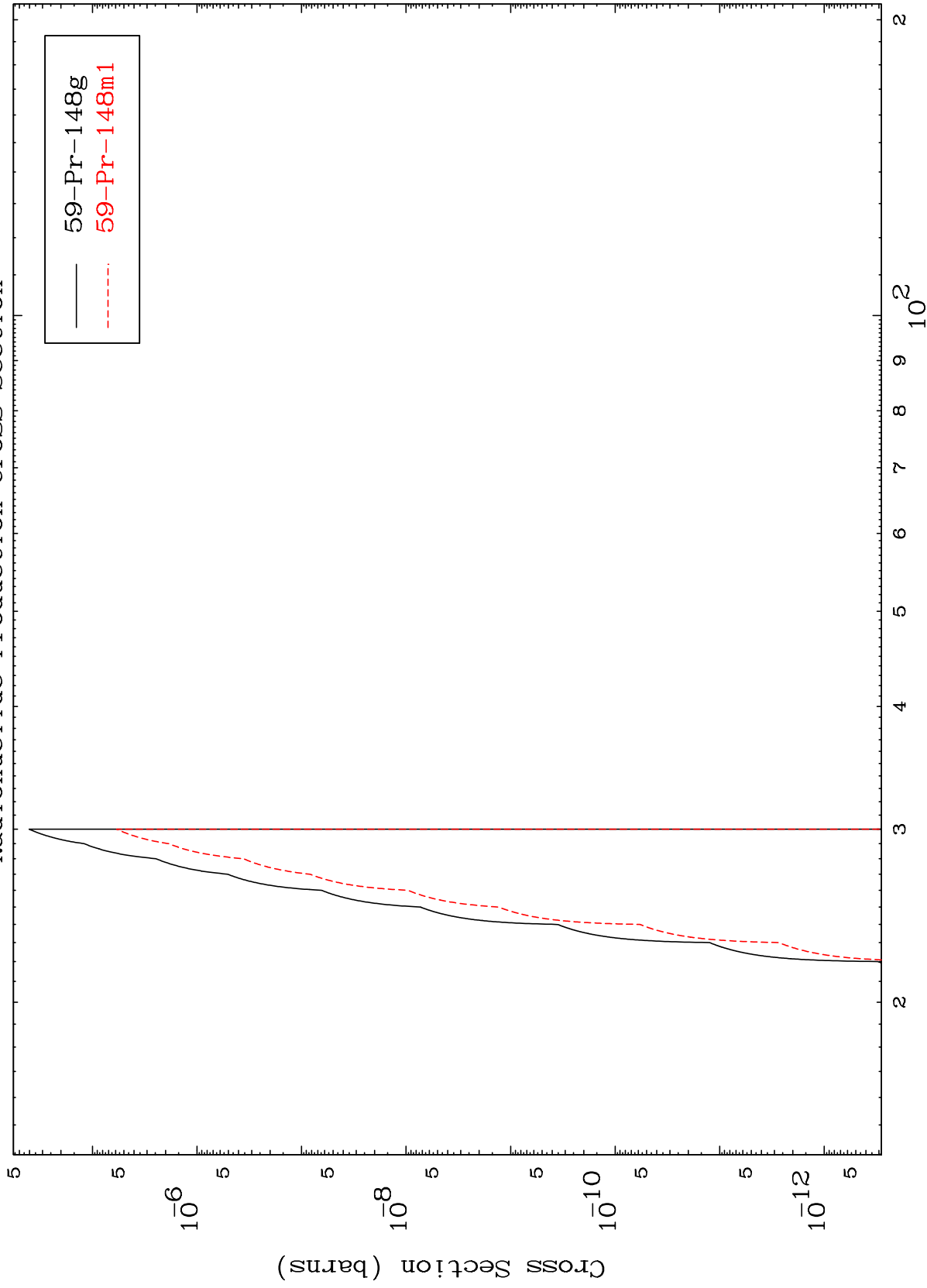
61-Pm-154

MAT 6171

(n,3n) α

61-Pm-154

Radionuclide Production Cross Section



21

Incident Energy (MeV)

61-Pm-154