

Program EVALPLOT
(Version 2018-1)

by

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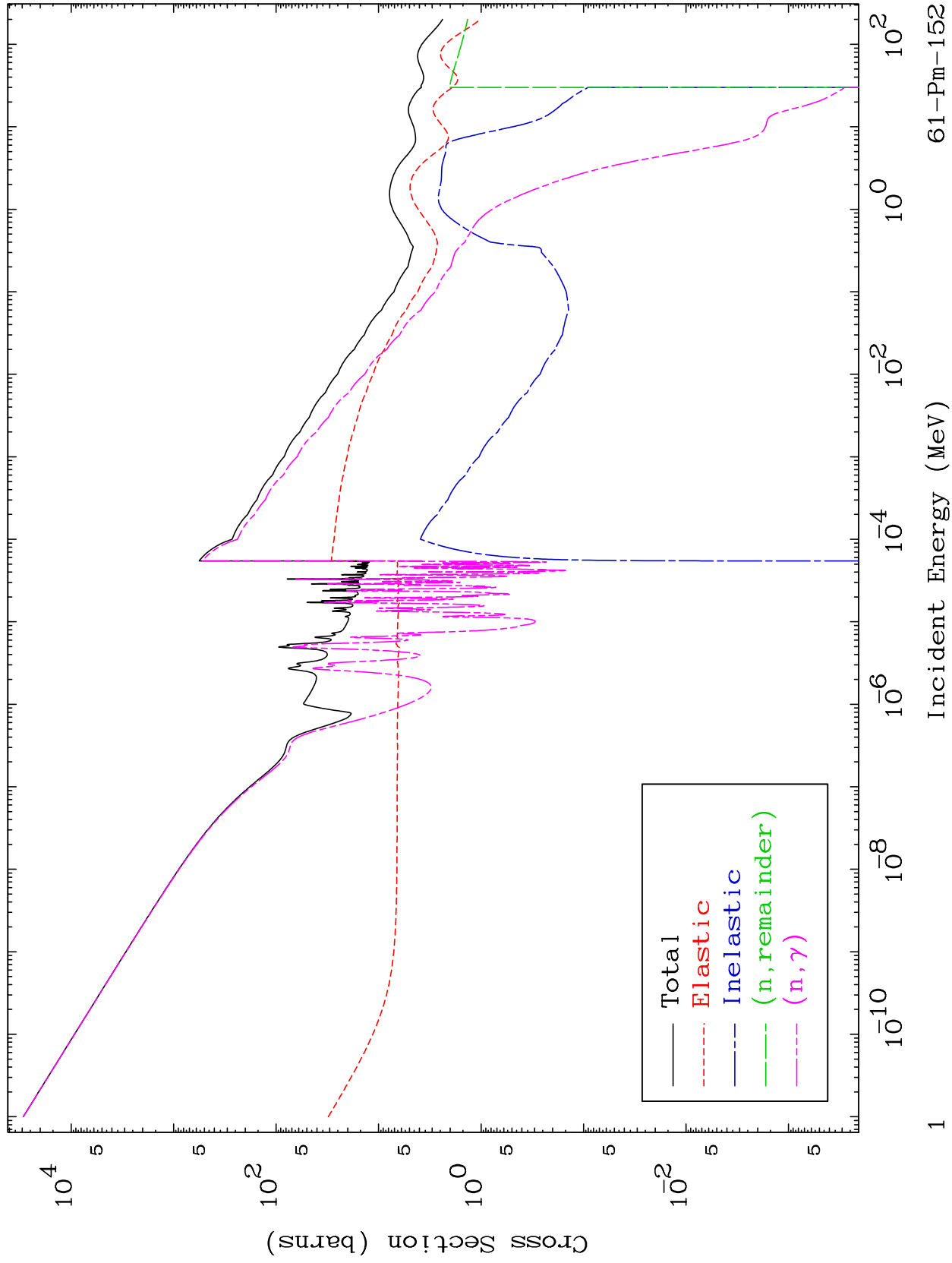
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6166

Major
293 Kelvin Cross Sections

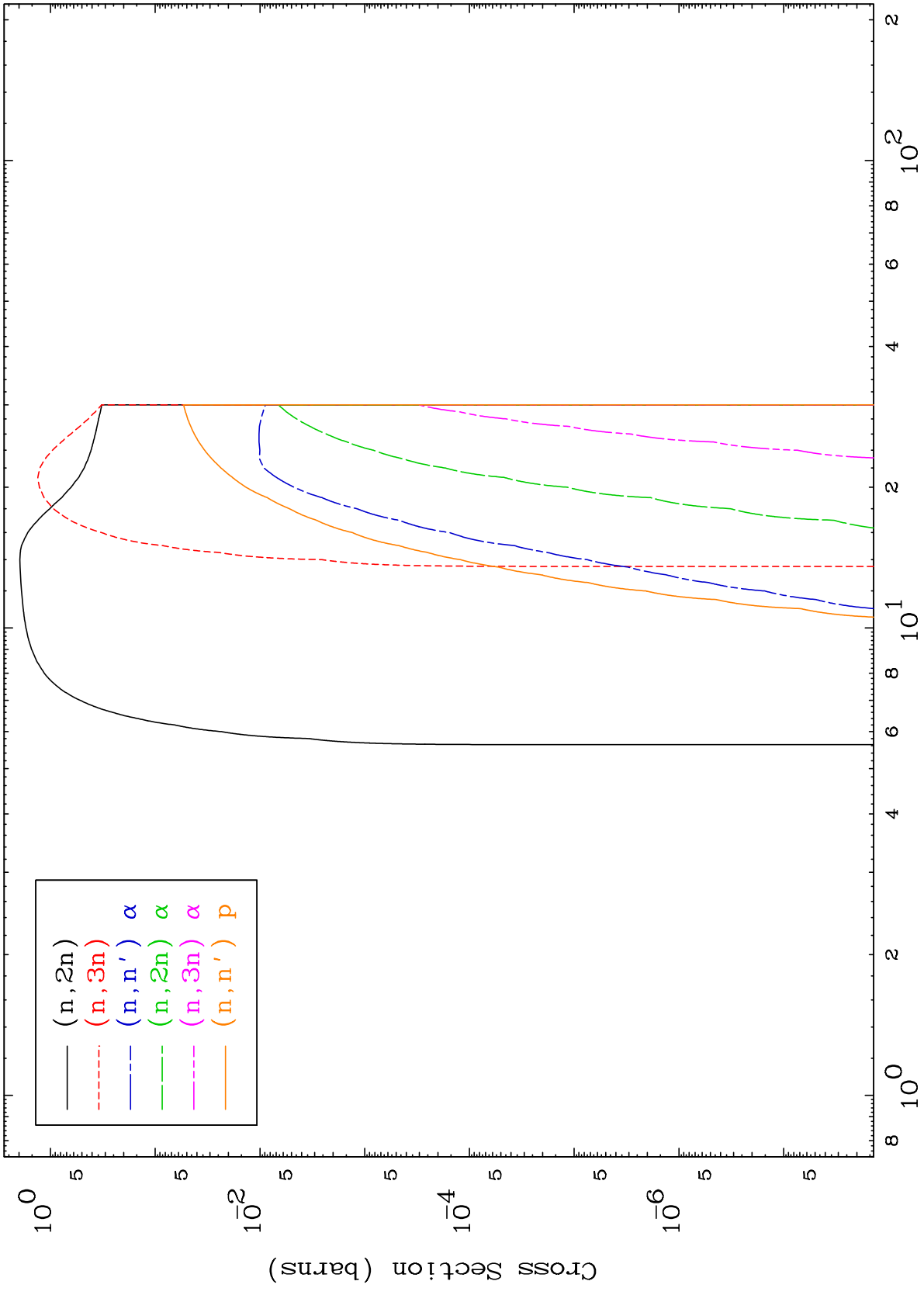
61-Pm-152



MAT 6166

Neutron Production
293 Kelvin Cross Sections

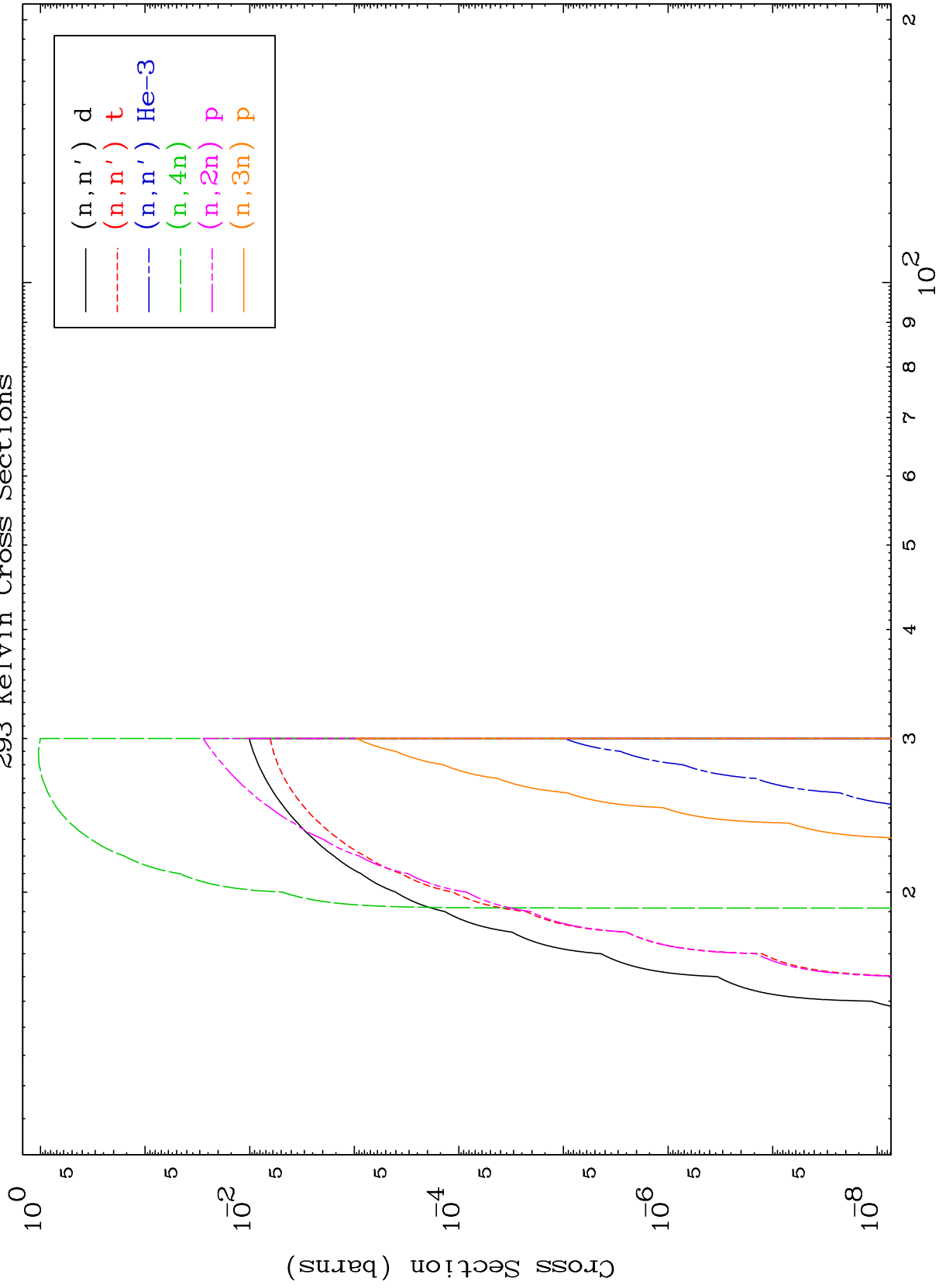
61-Pm-152



2

Incident Energy (MeV)

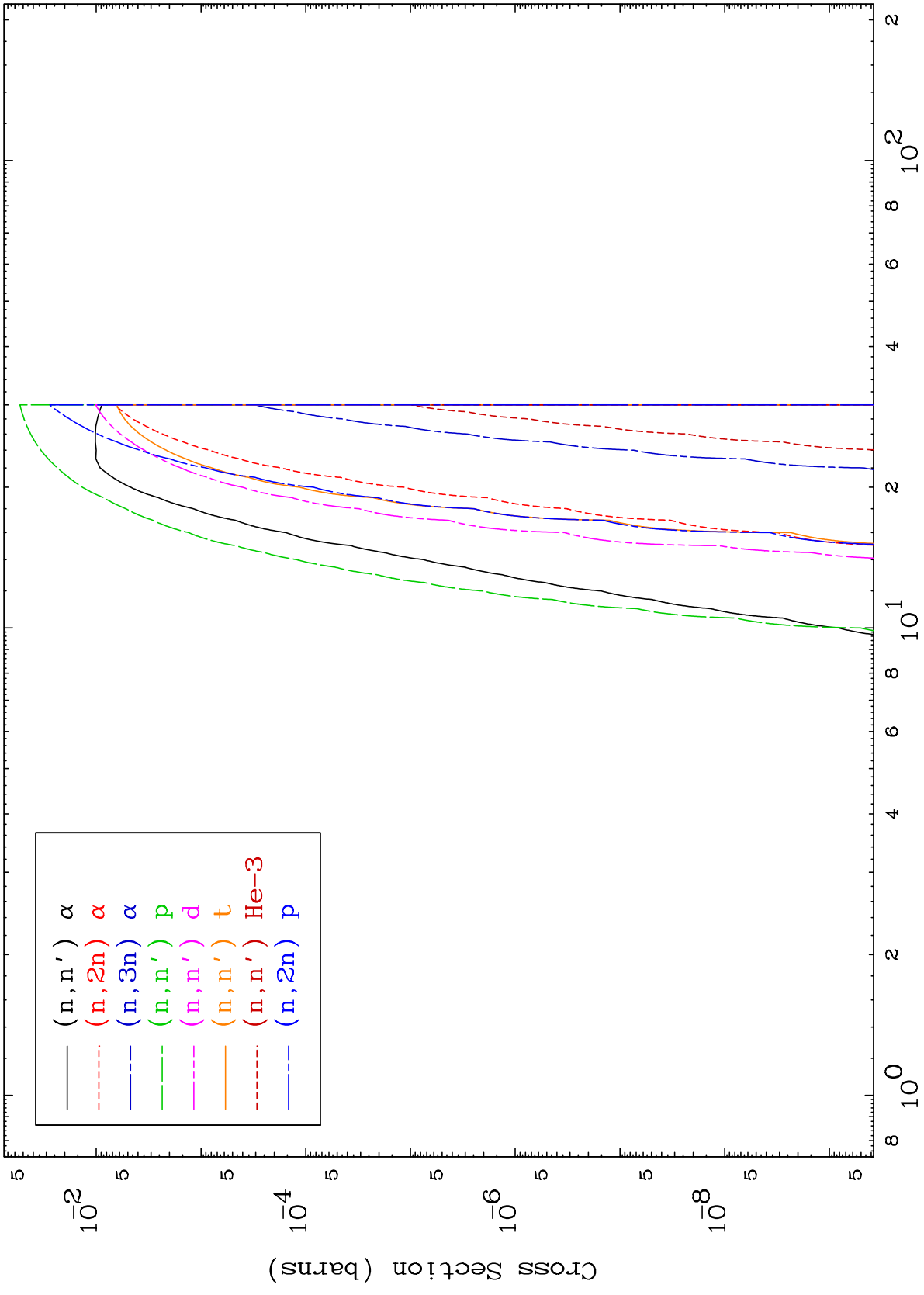
61-Pm-152



MAT 6166

293 Kelvin Cross Sections

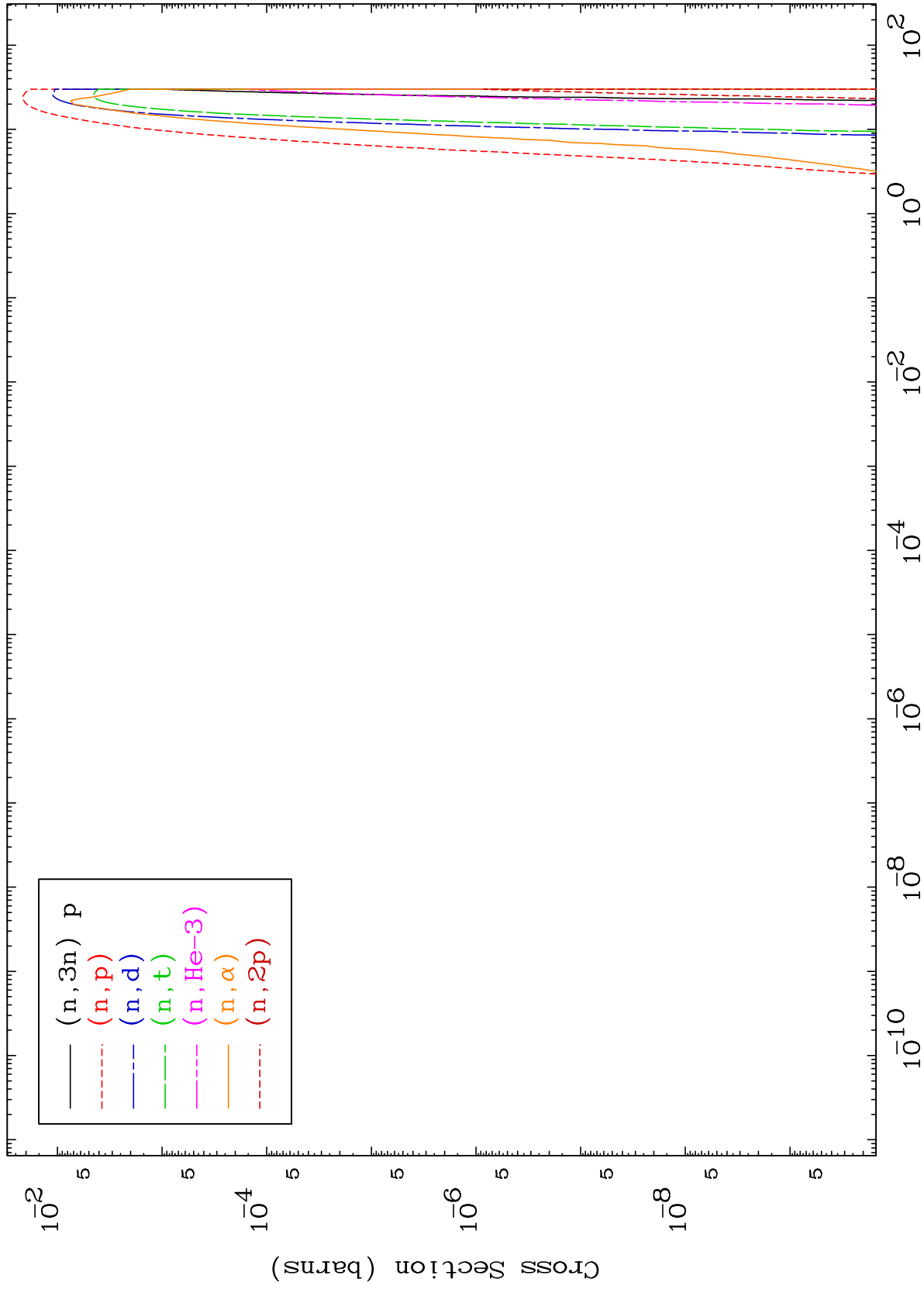
61-Pm-152



MAT 6166

Charged Particle
293 Kelvin Cross Sections

61-Pm-152



5

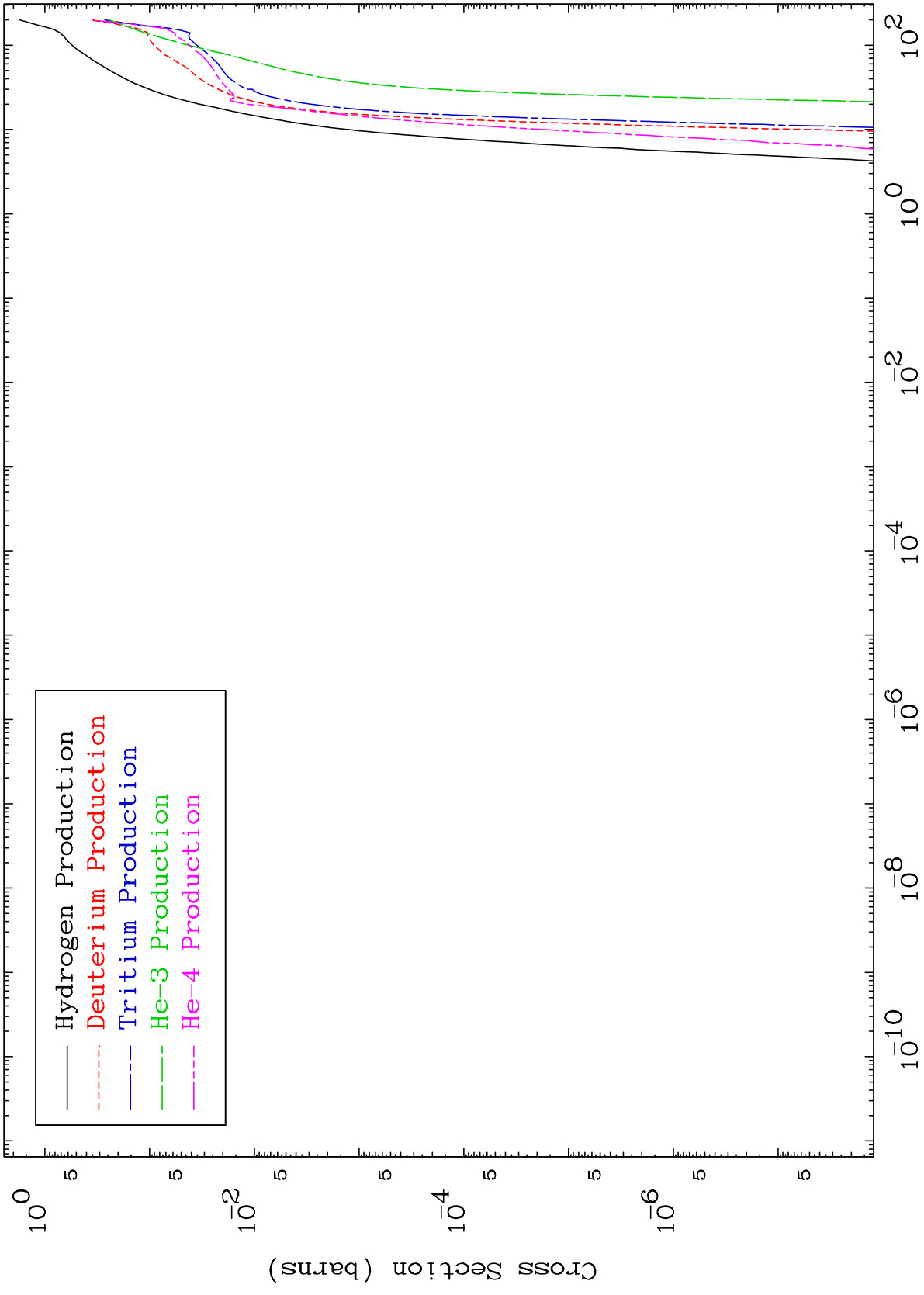
Incident Energy (MeV)

61-Pm-152

MAT 6166

Particle Production
293 Kelvin Cross Sections

61-Pm-152



61-Pm-152

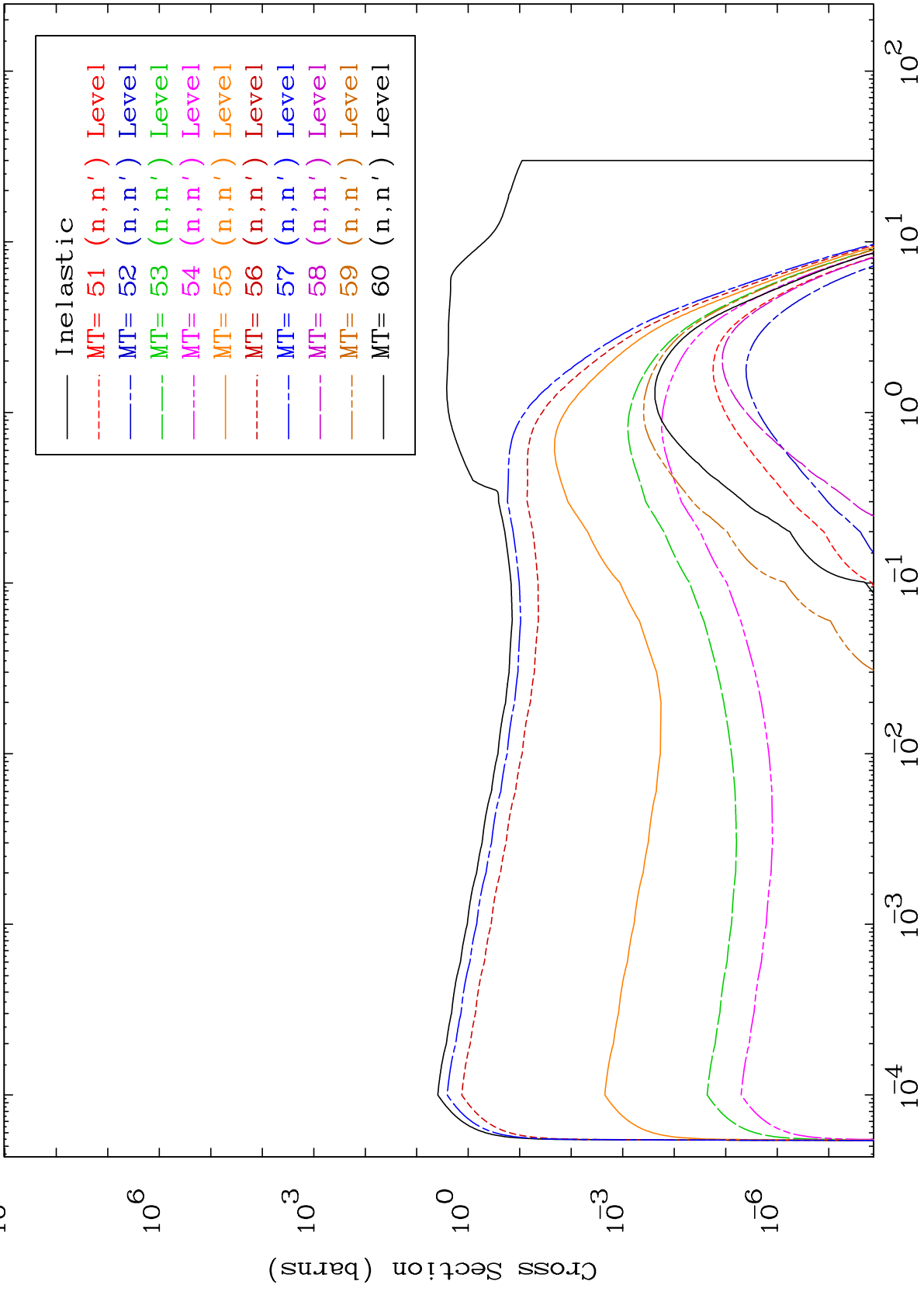
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(n,n') Level

61-Pm-152

293 Kelvin Cross Sections

61-Pm-152

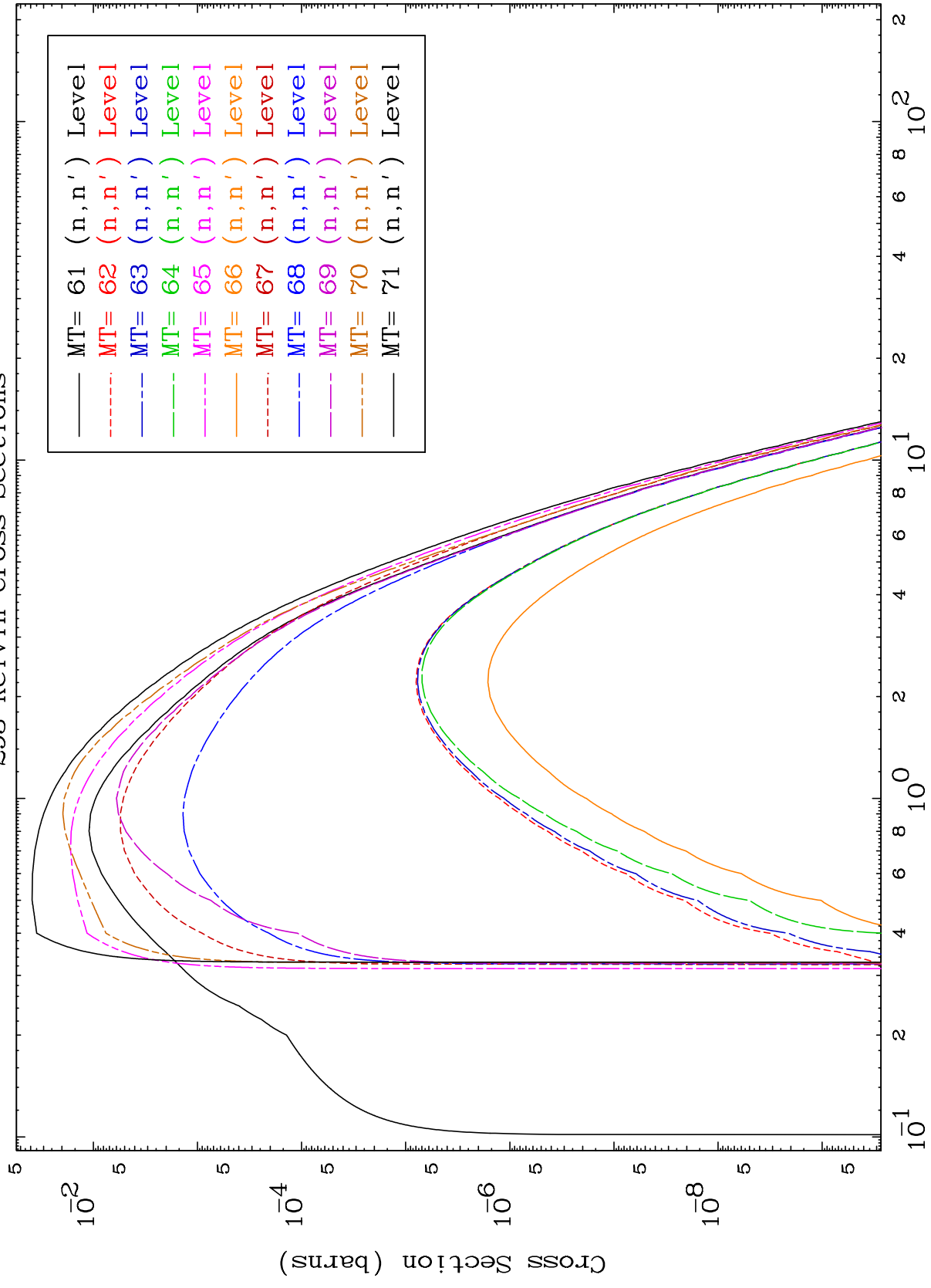


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(n,n') Level

61-Pm-152

293 Kelvin Cross Sections



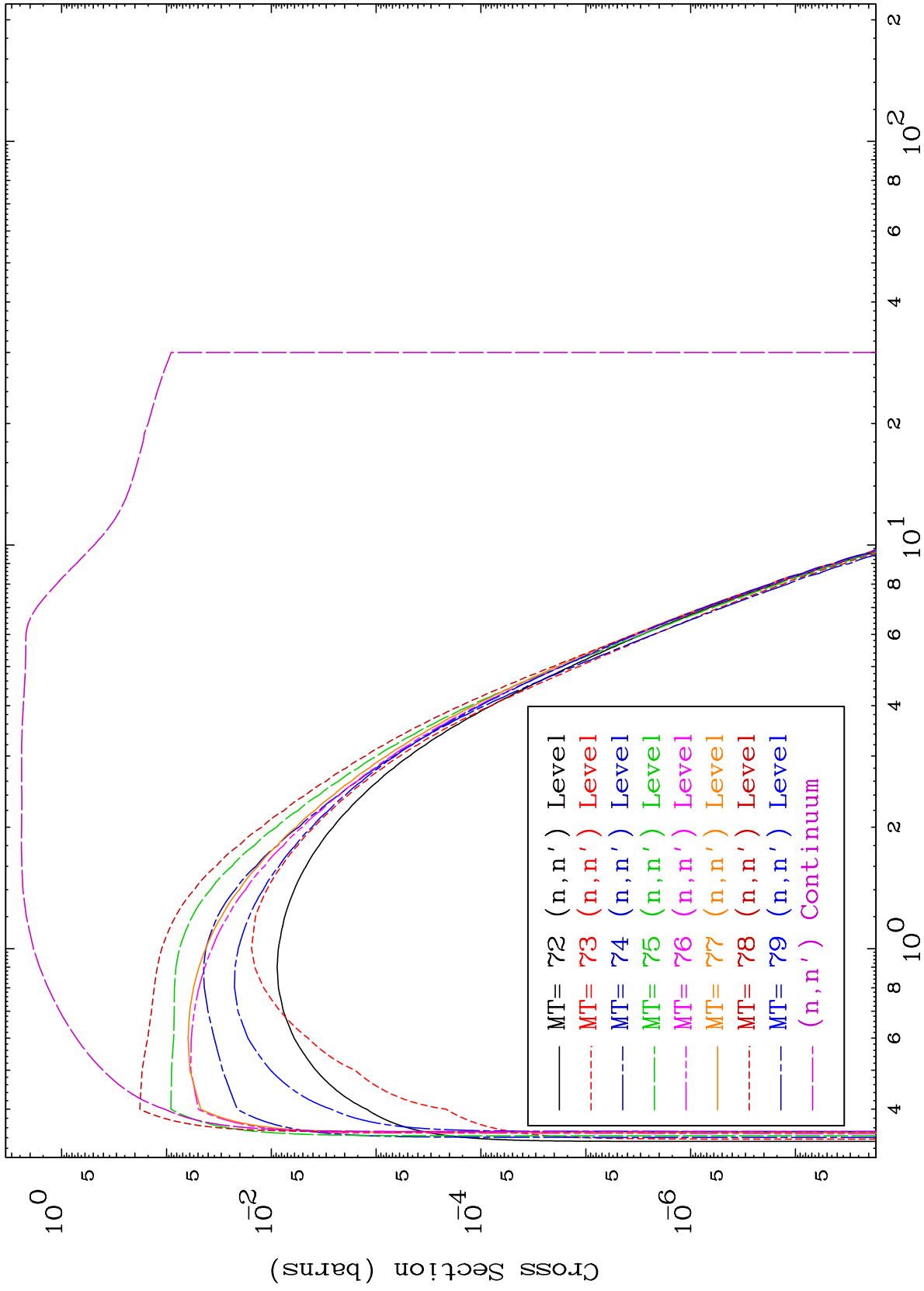
Incident Energy (MeV)

61-Pm-152

MAT 6166

293 (n,n') Level

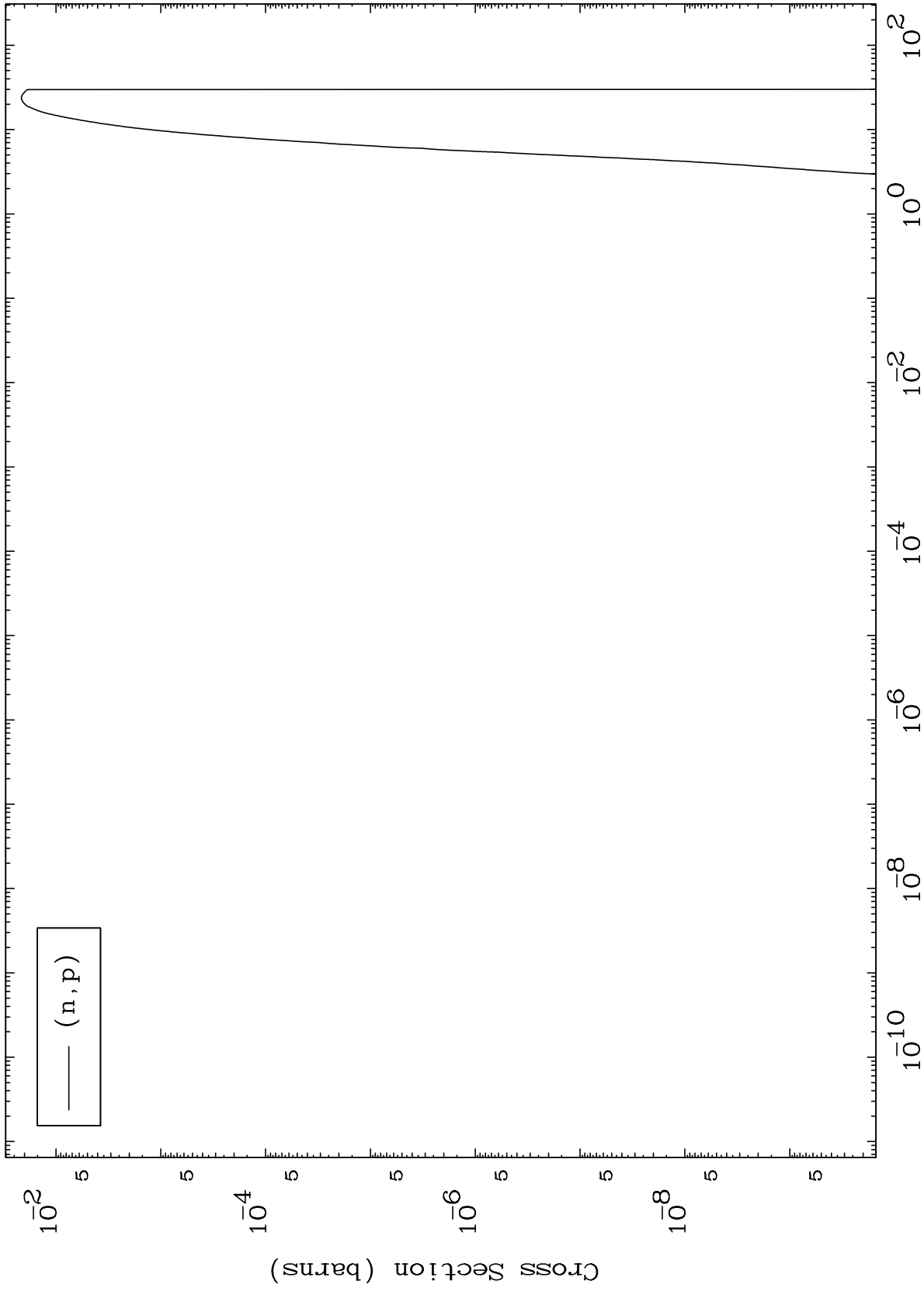
61-Pm-152



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(n,p) Levels
293 Kelvin Cross Sections

61-Pm-152



10

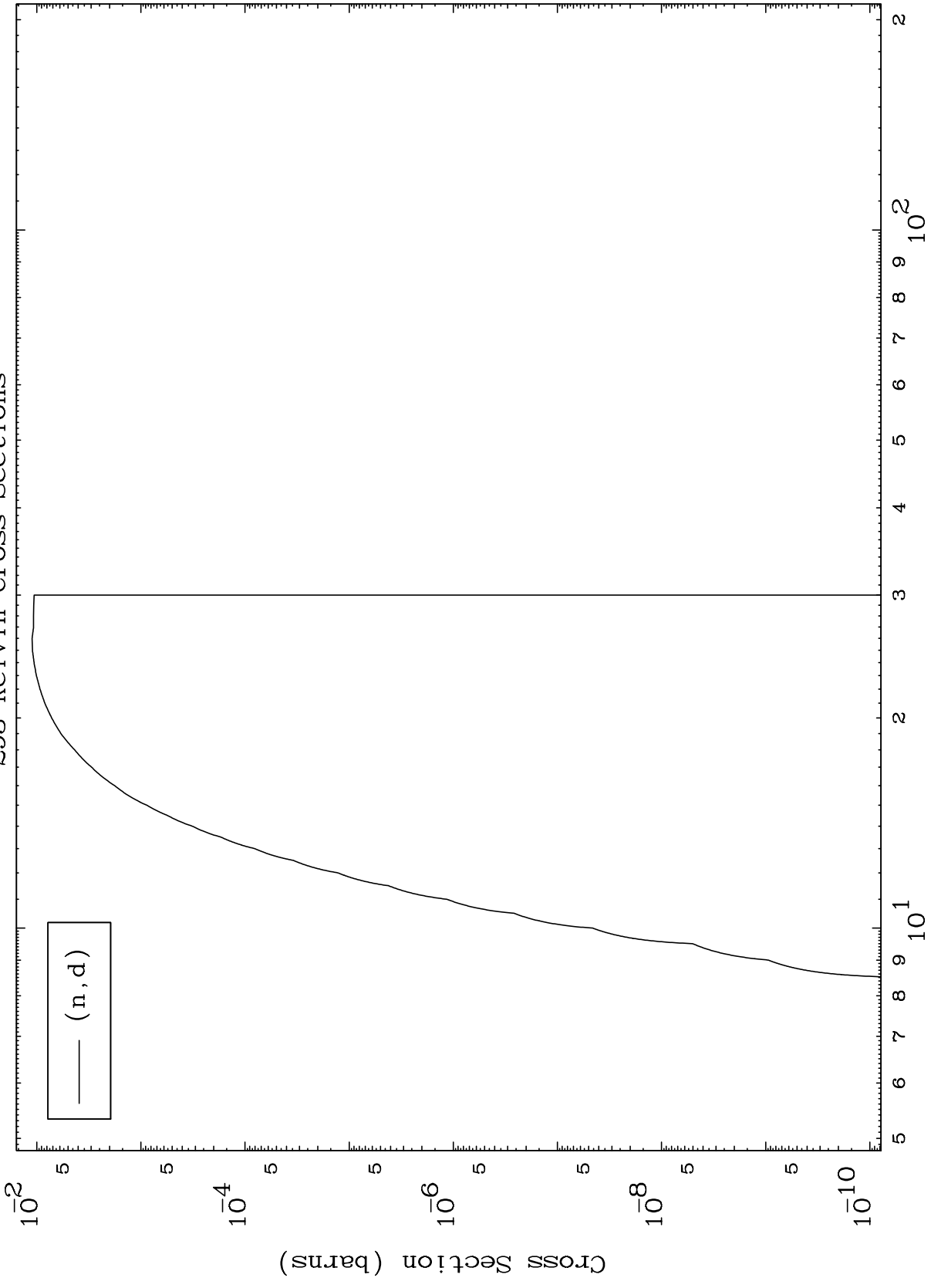
Incident Energy (MeV)

61-Pm-152

MAT 6166

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-152



11

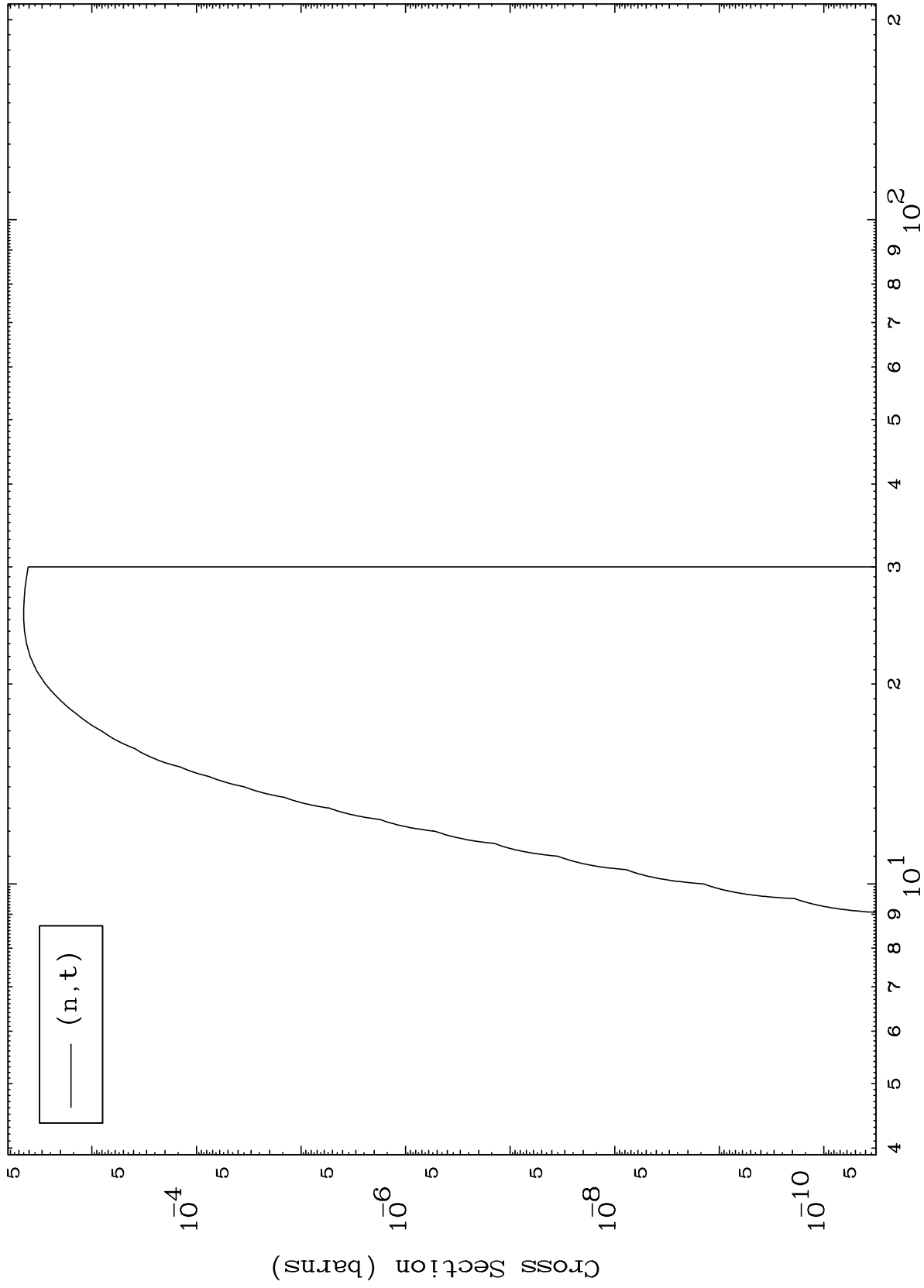
Incident Energy (MeV)

61-Pm-152

MAT 6166

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-152



12

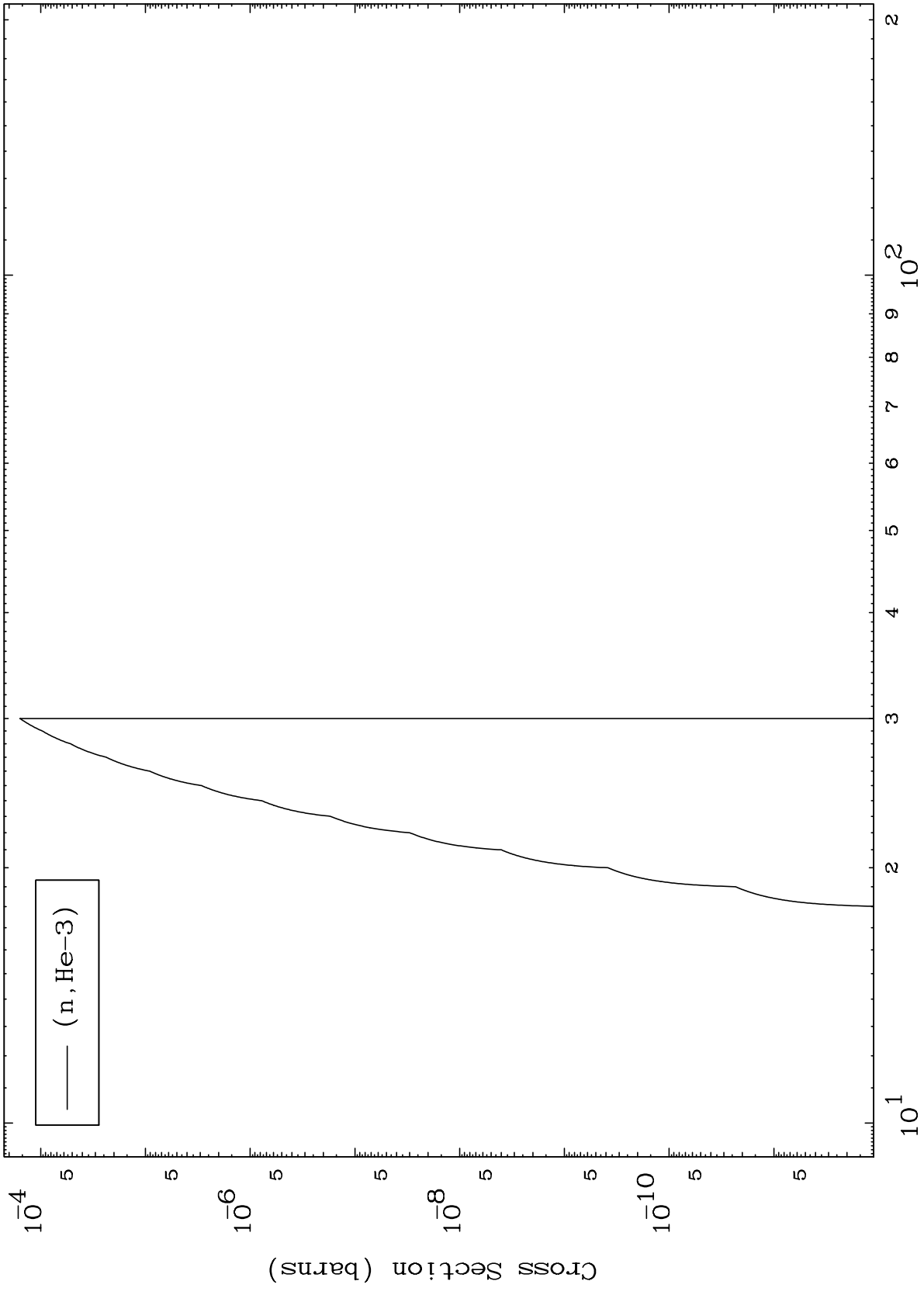
Incident Energy (MeV)

61-Pm-152

MAT 6166

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-152



13

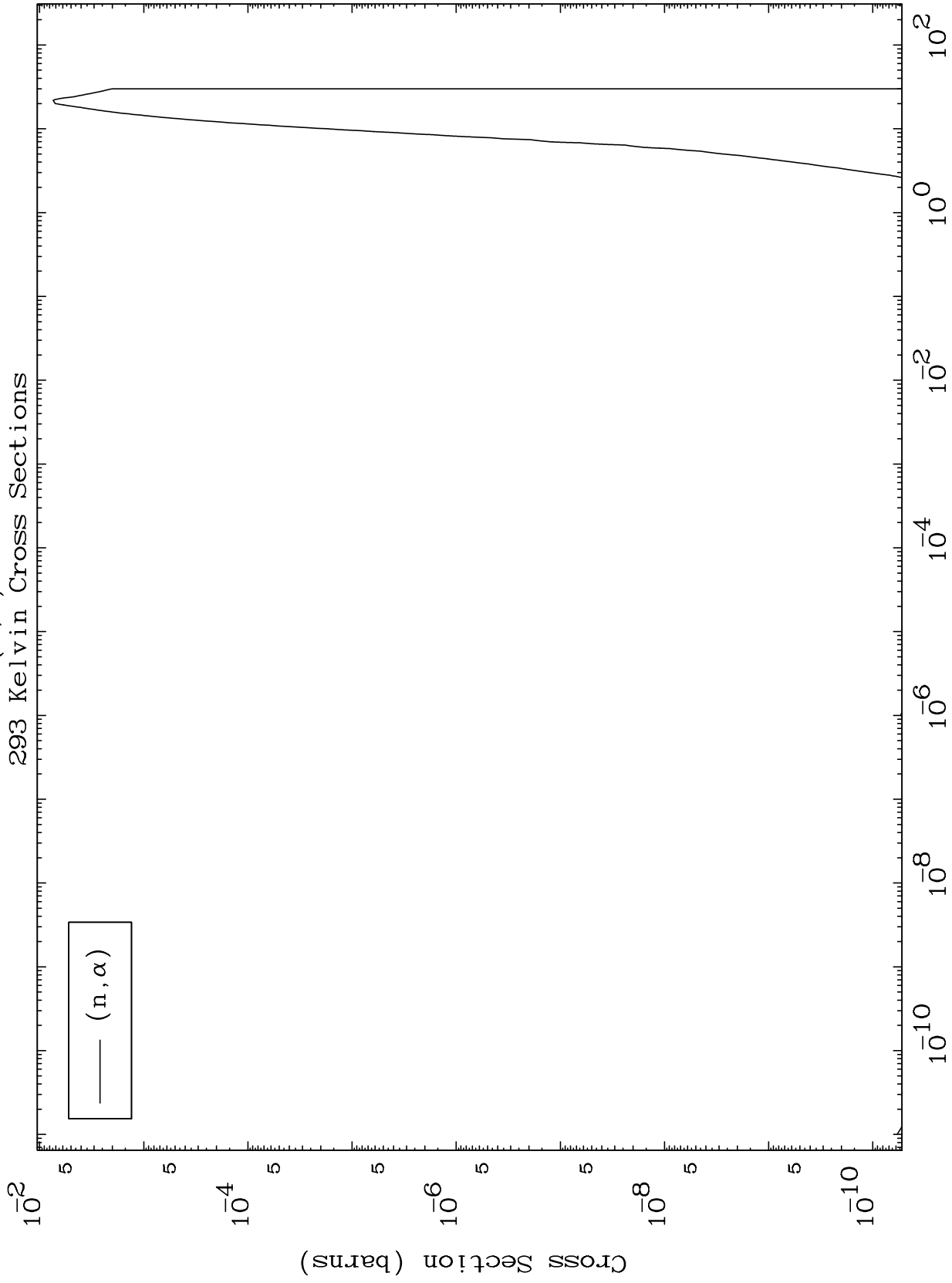
Incident Energy (MeV)

61-Pm-152

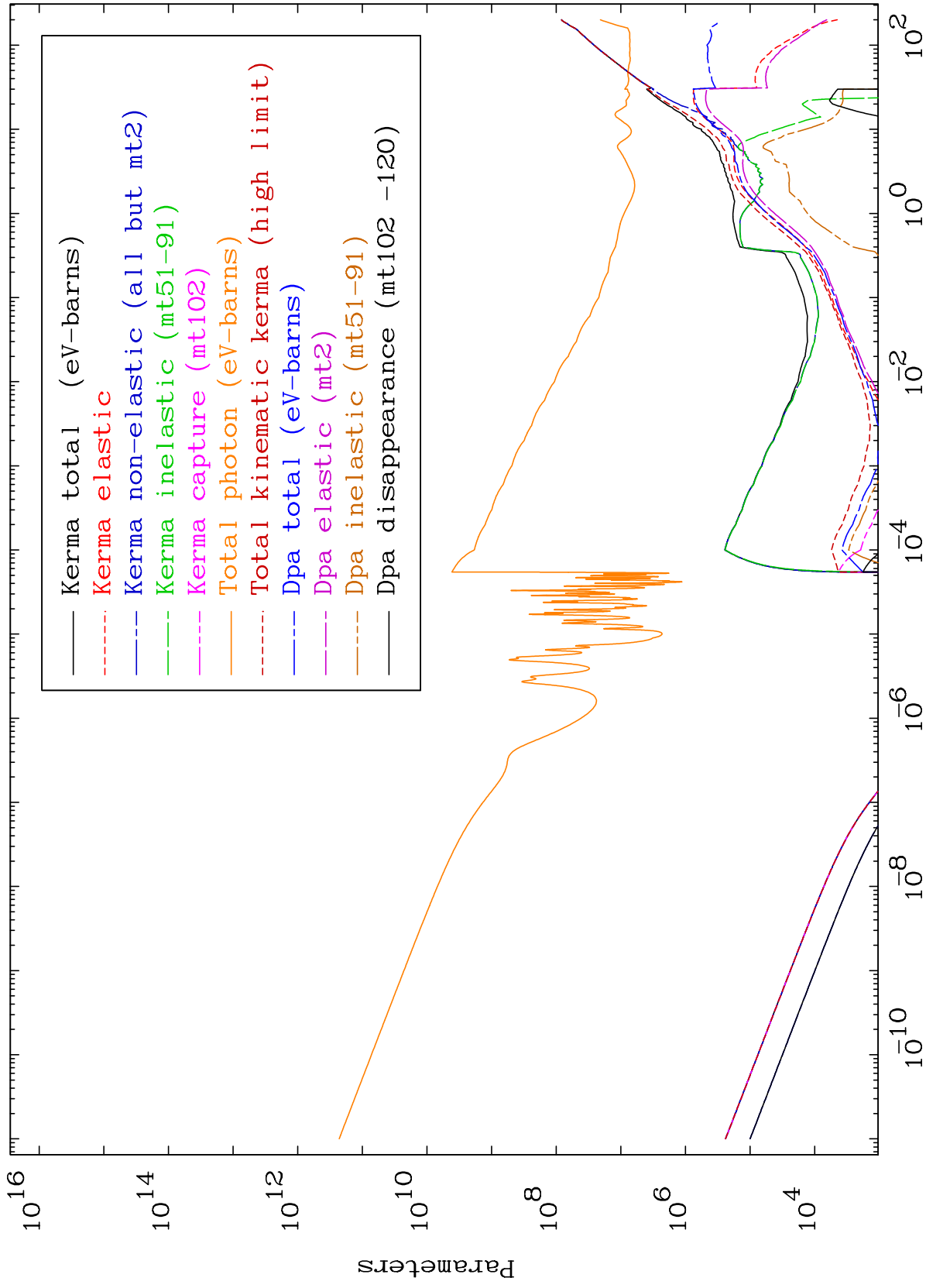
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(n,α) Levels
293 Kelvin Cross Sections

61-Pm-152



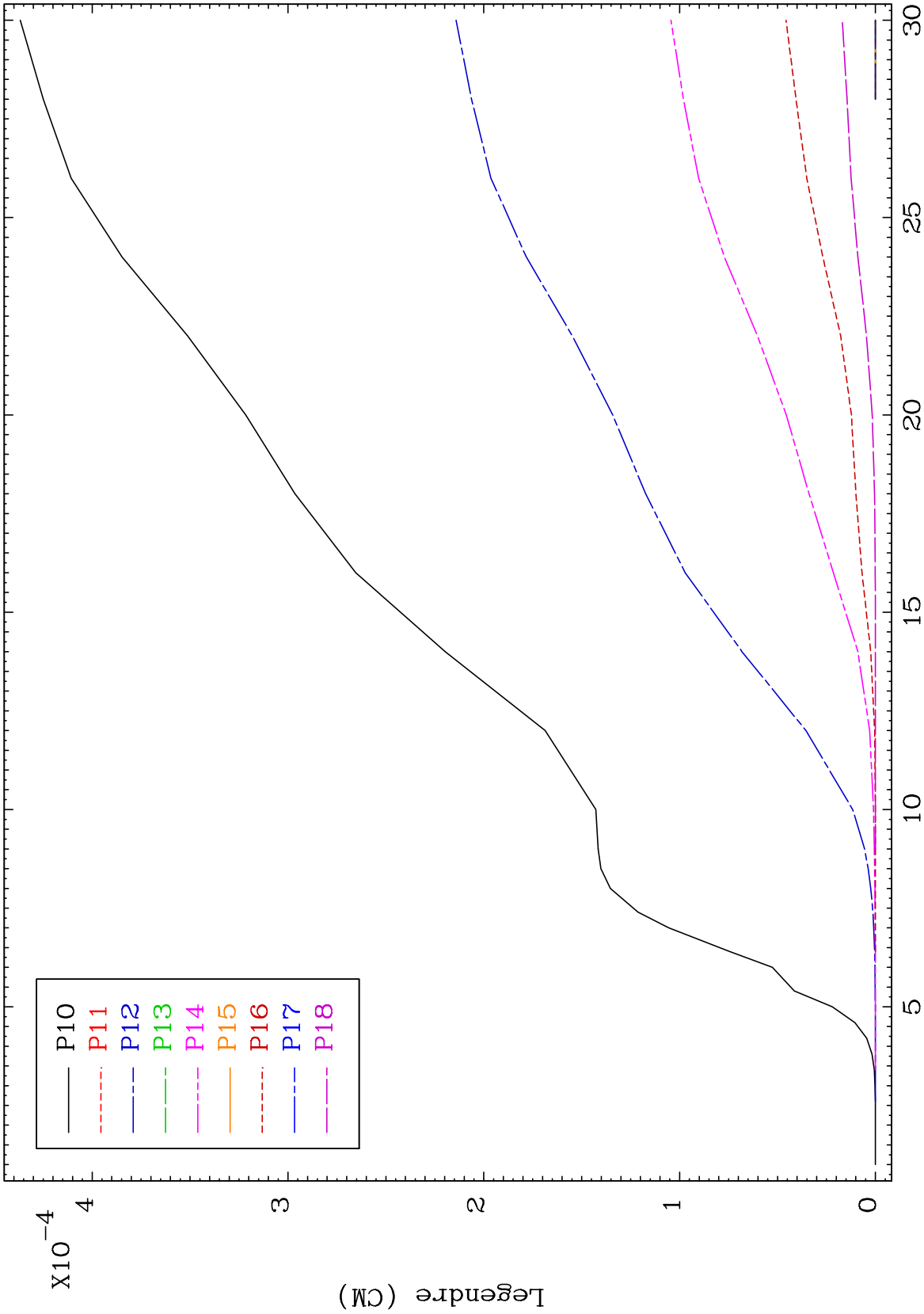
(n,α)



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Elastic Legendre Coefficients

61-Pm-152



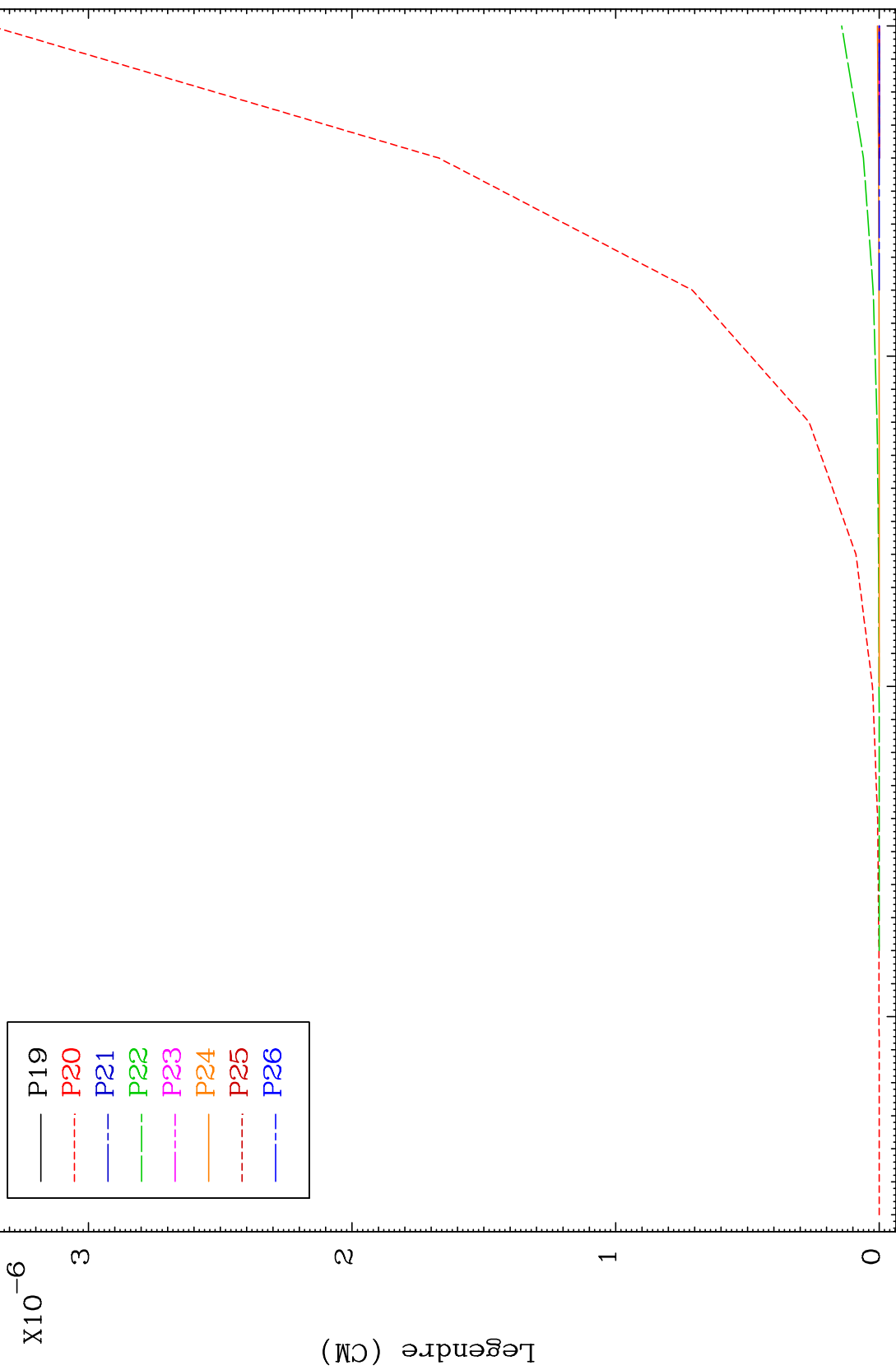
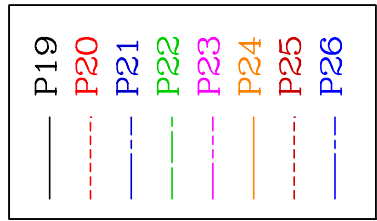
17

61-Pm-152

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Elastic Legendre Coefficients

61-Pm-152



18

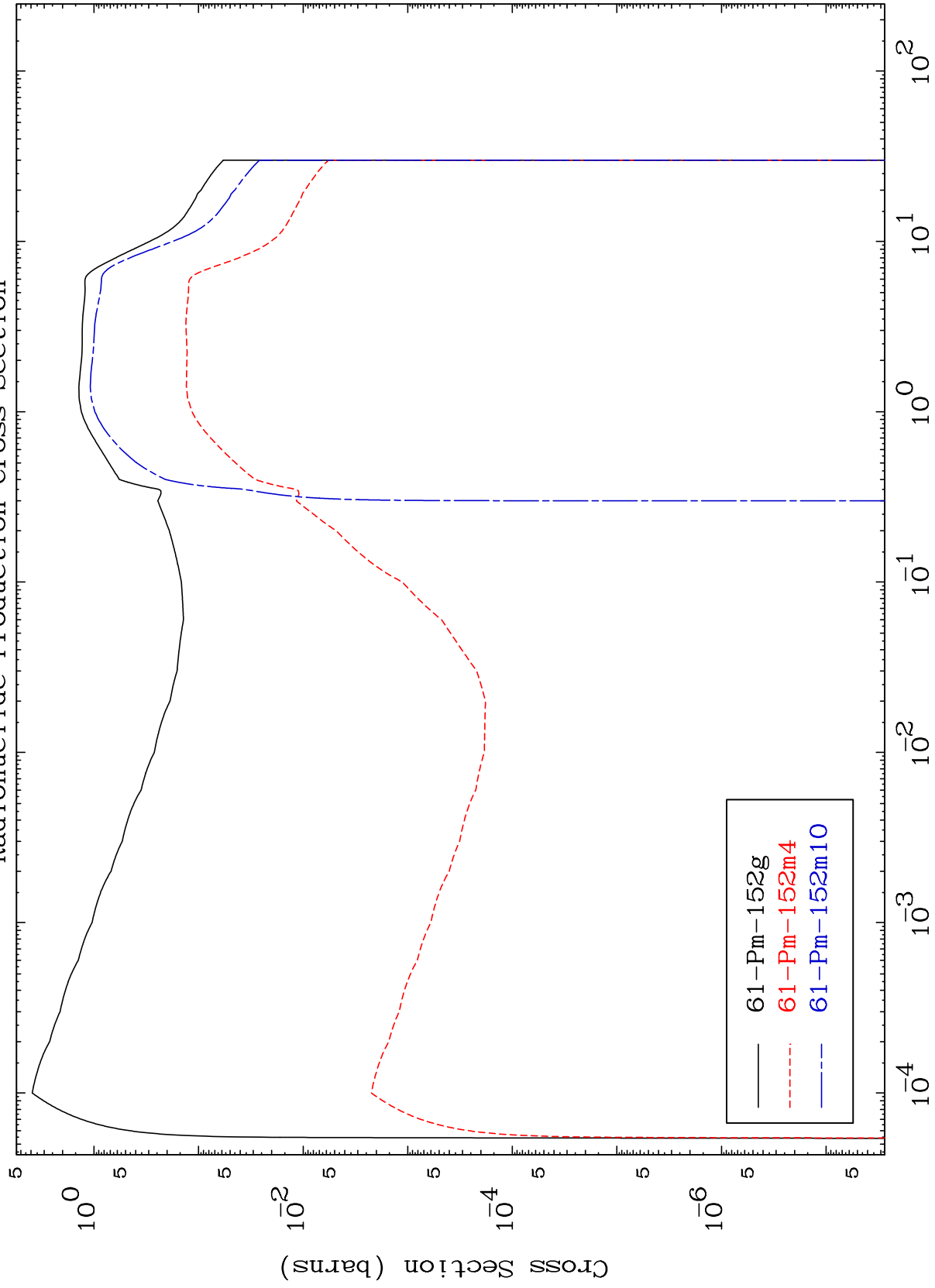
Incident Energy (MeV)

61-Pm-152

MAT 6166

Inelastic
Radionuclide Production Cross Section

61-Pm-152

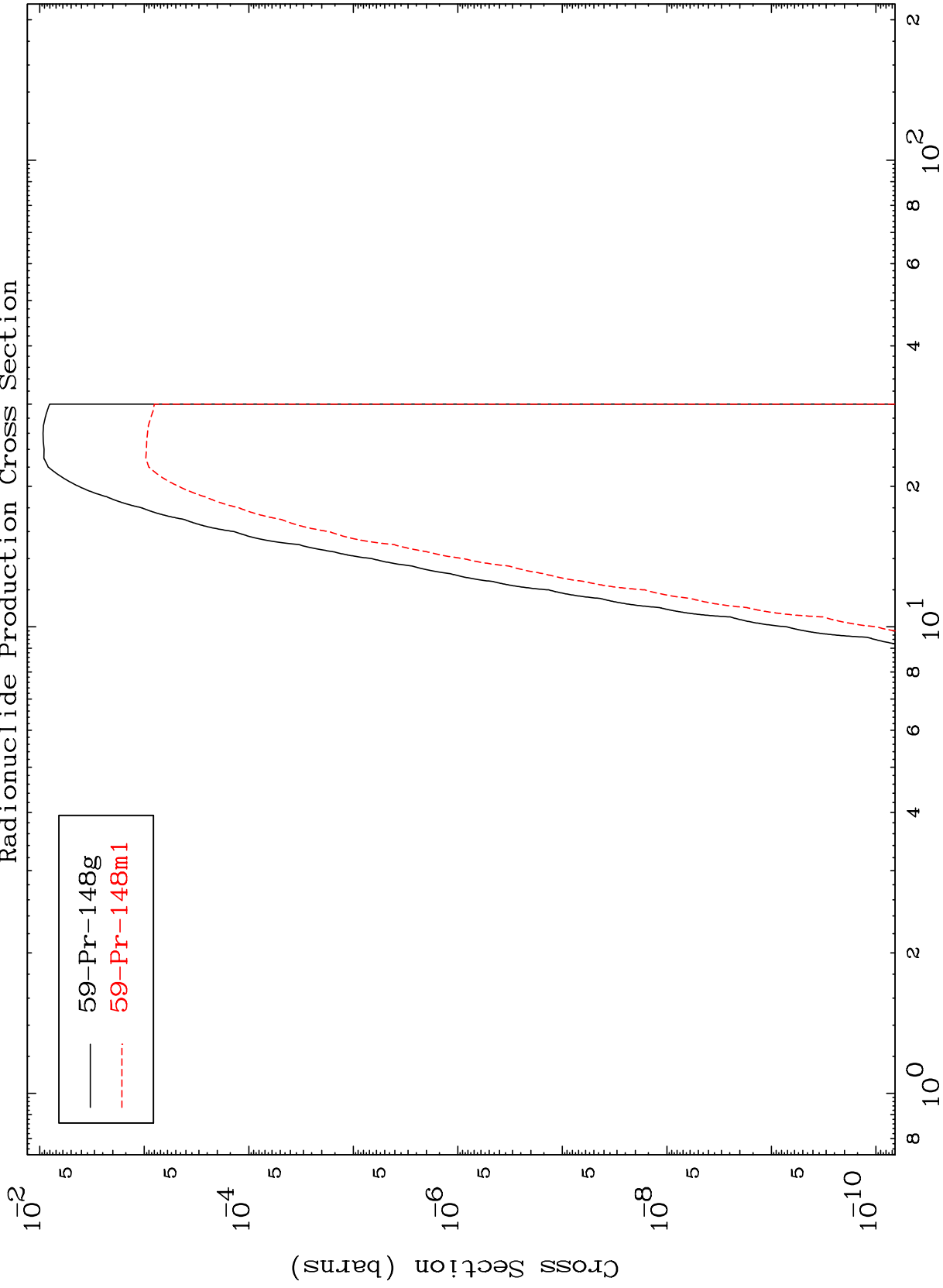


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(n,n') α

61-Pm-152

Radionuclide Production Cross Section



20

Incident Energy (MeV)

61-Pm-152