

Program EVALPLOT
(Version 2018-1)

by

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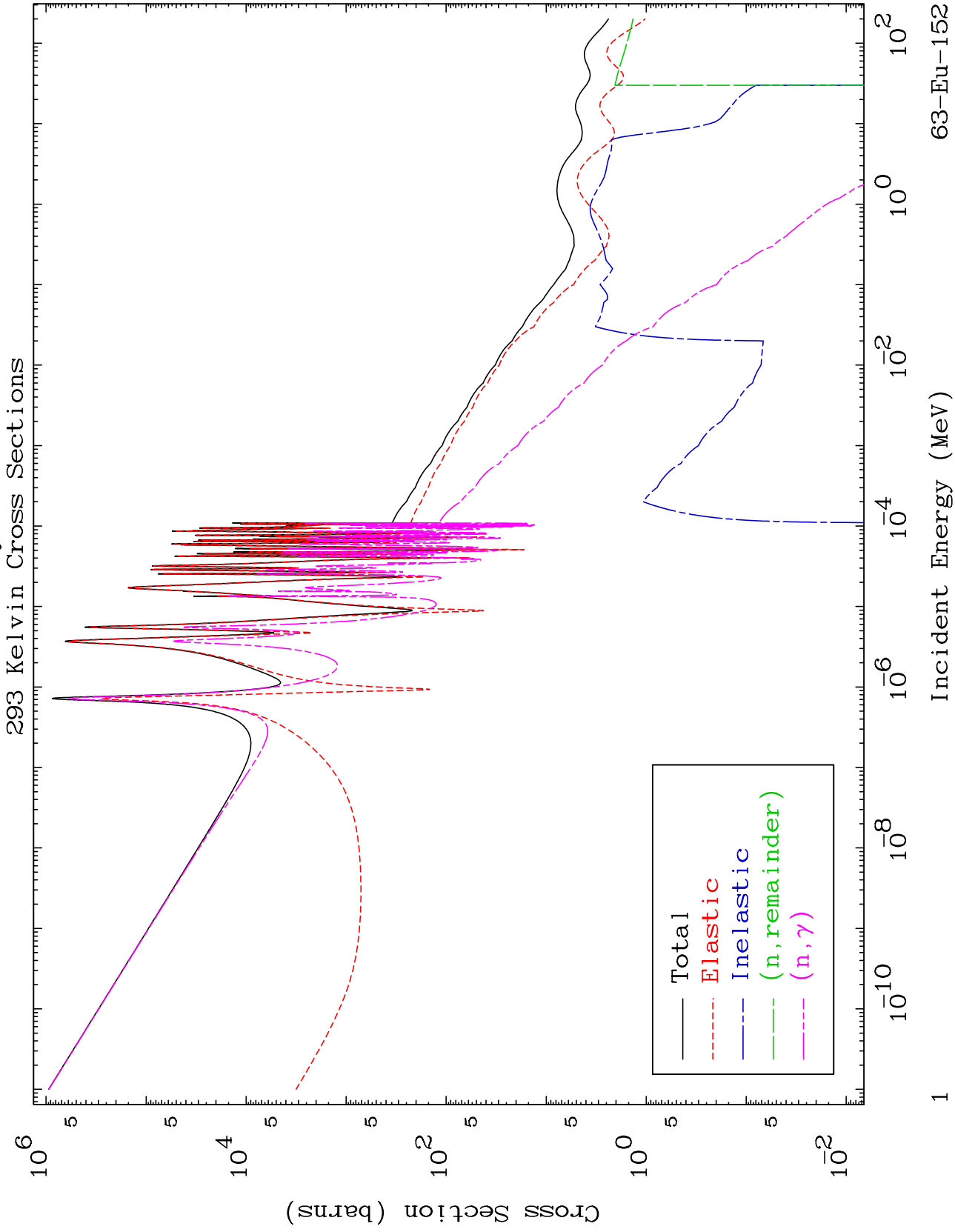
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6329

Major

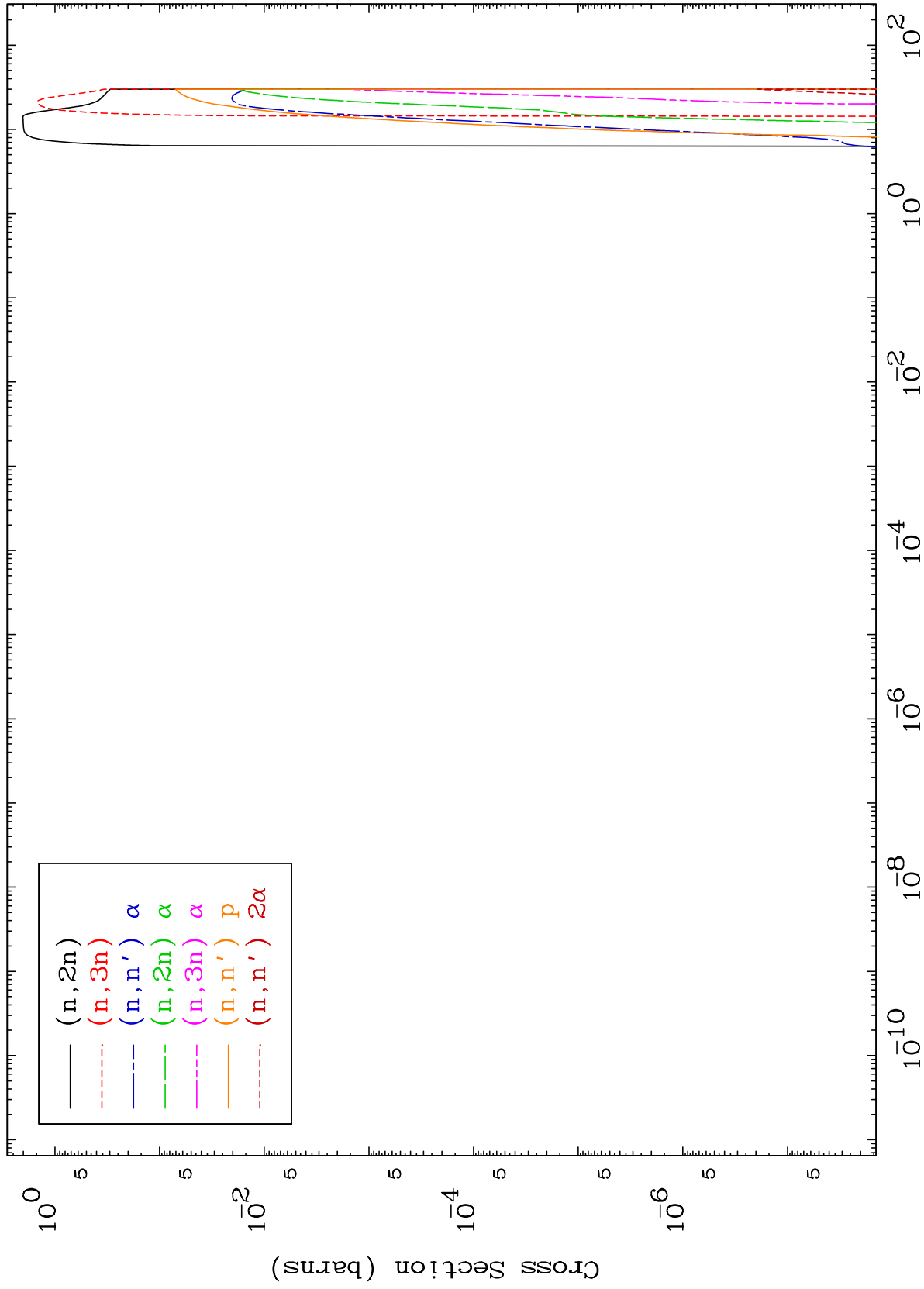
63-Eu-152



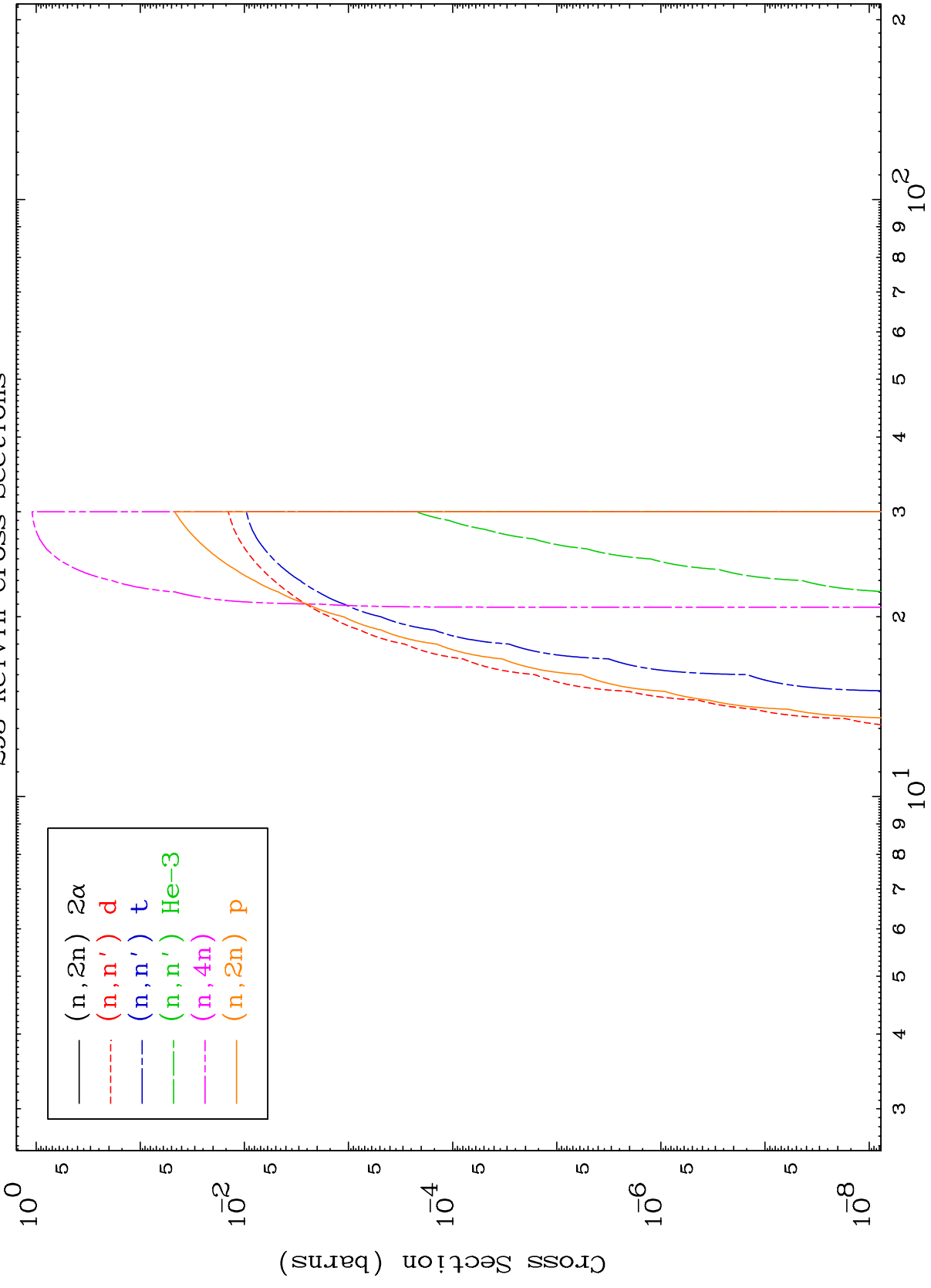
MAT 6329

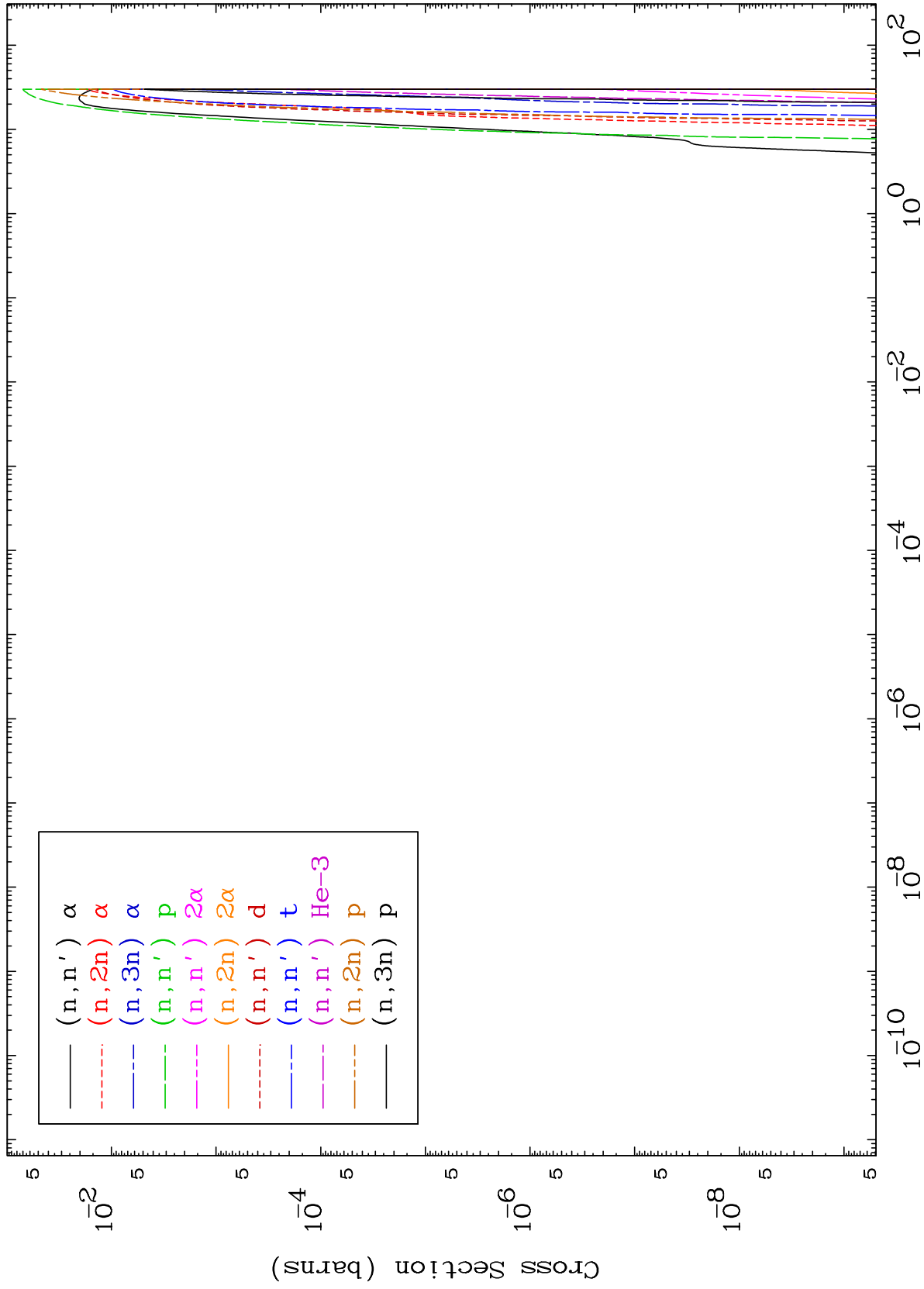
Neutron Production
293 Kelvin Cross Sections

63-Eu-152



63-Eu-152

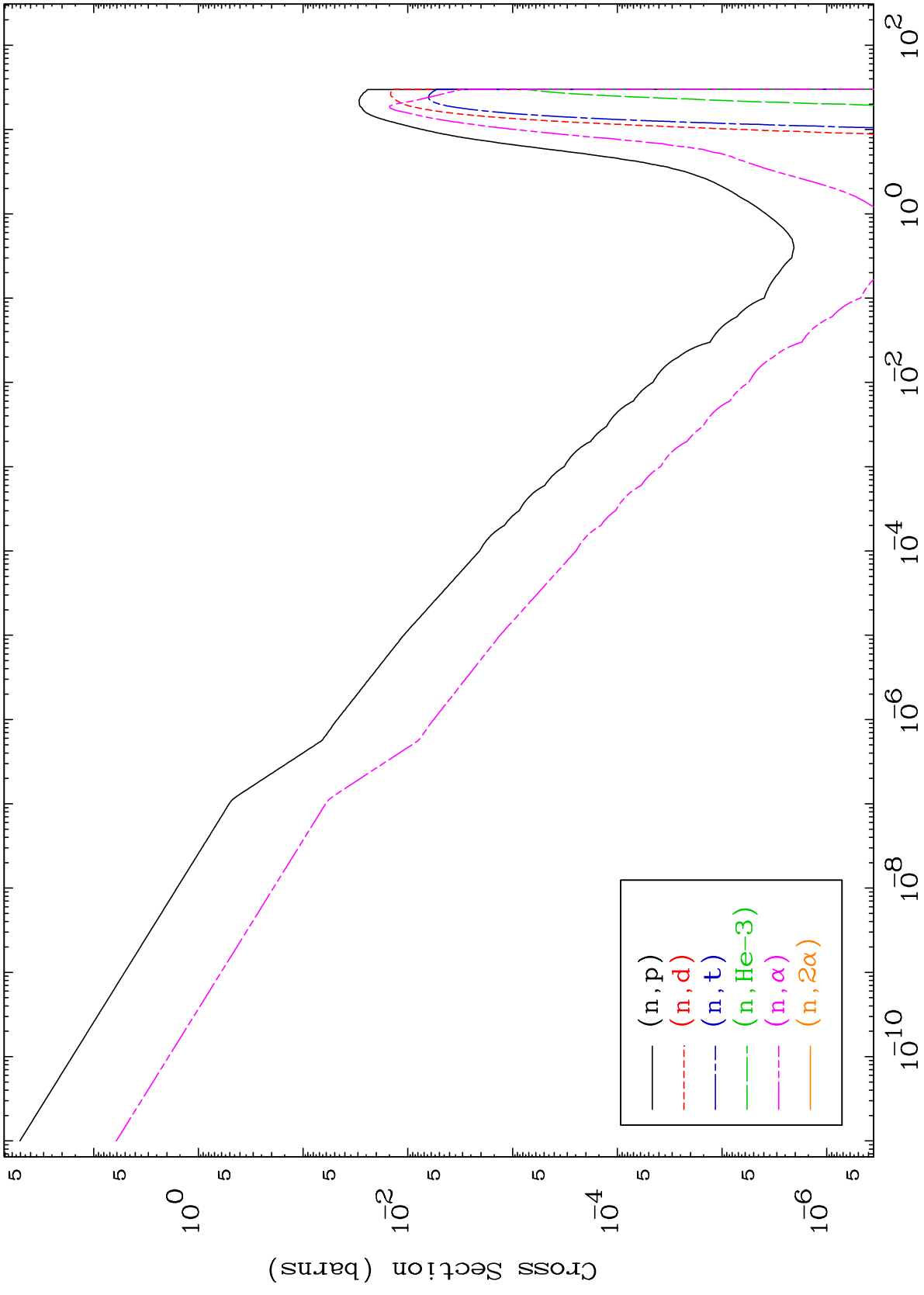




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Charged Particle
293 Kelvin Cross Sections

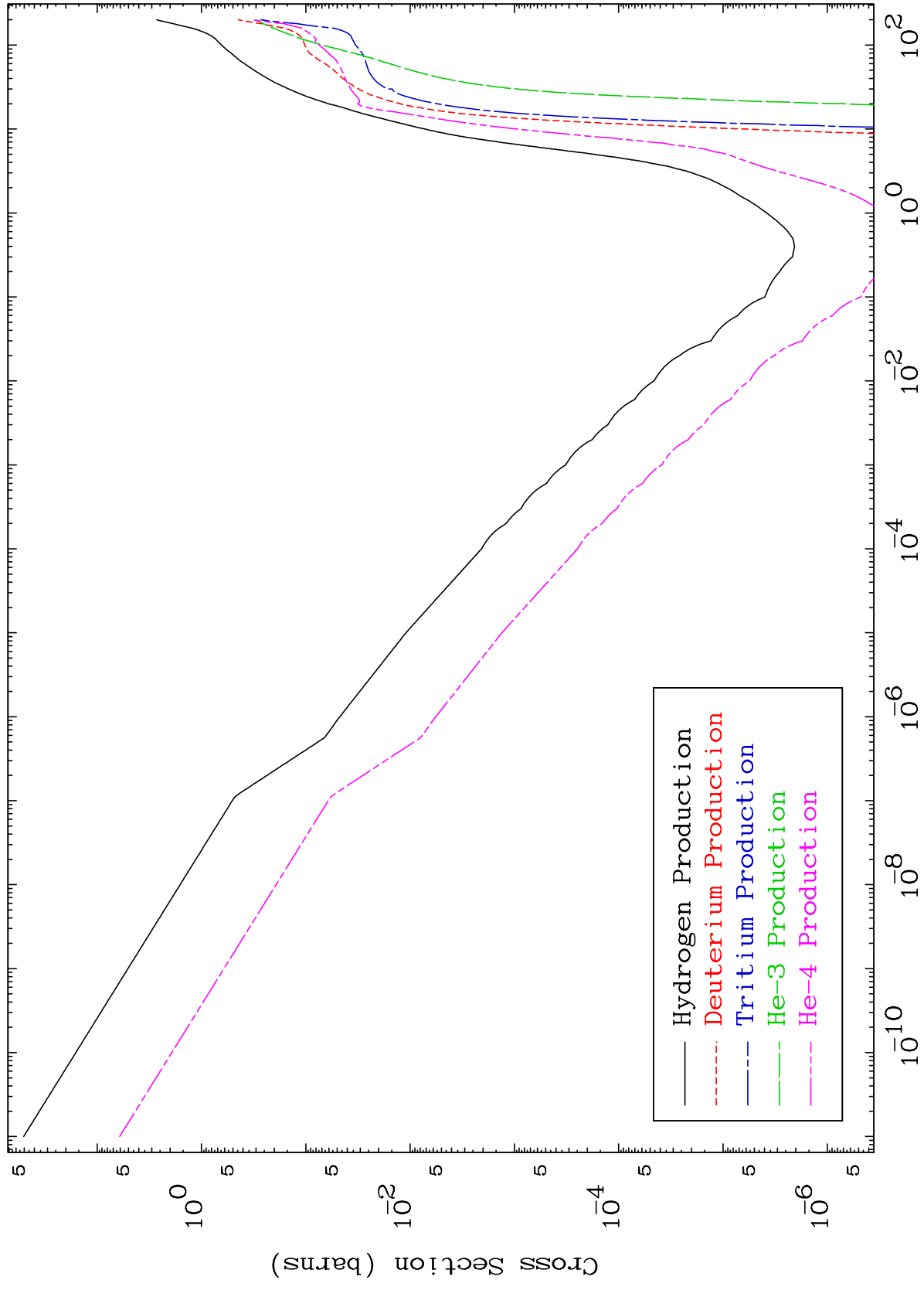
63-Eu-152



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Particle Production
293 Kelvin Cross Sections

63-Eu-152

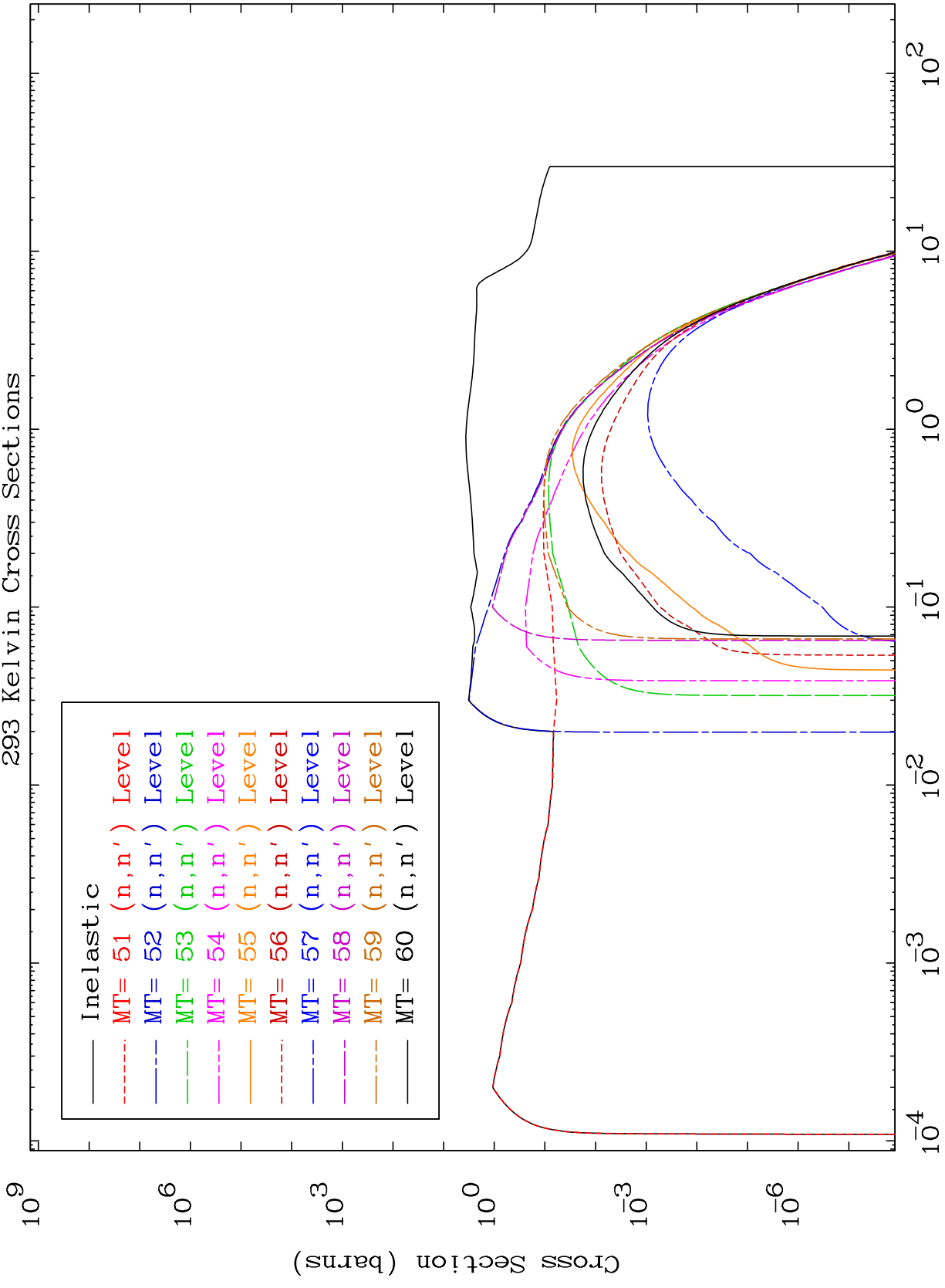


63-Eu-152

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(n,n') Level
293 Kelvin Cross Sections

63-Eu-152



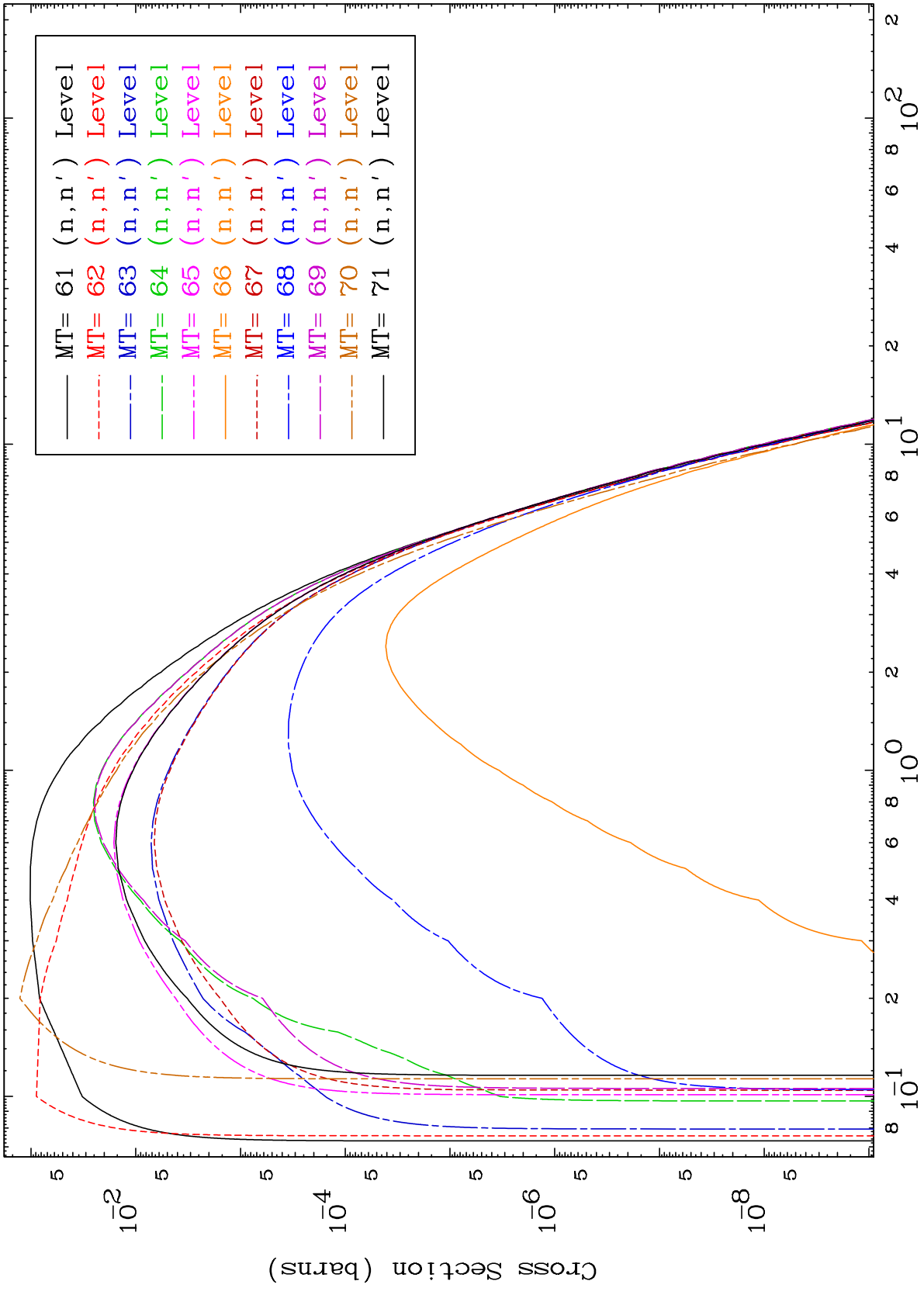
63-Eu-152

MAT 6329

(n,n') Level

63-Eu-152

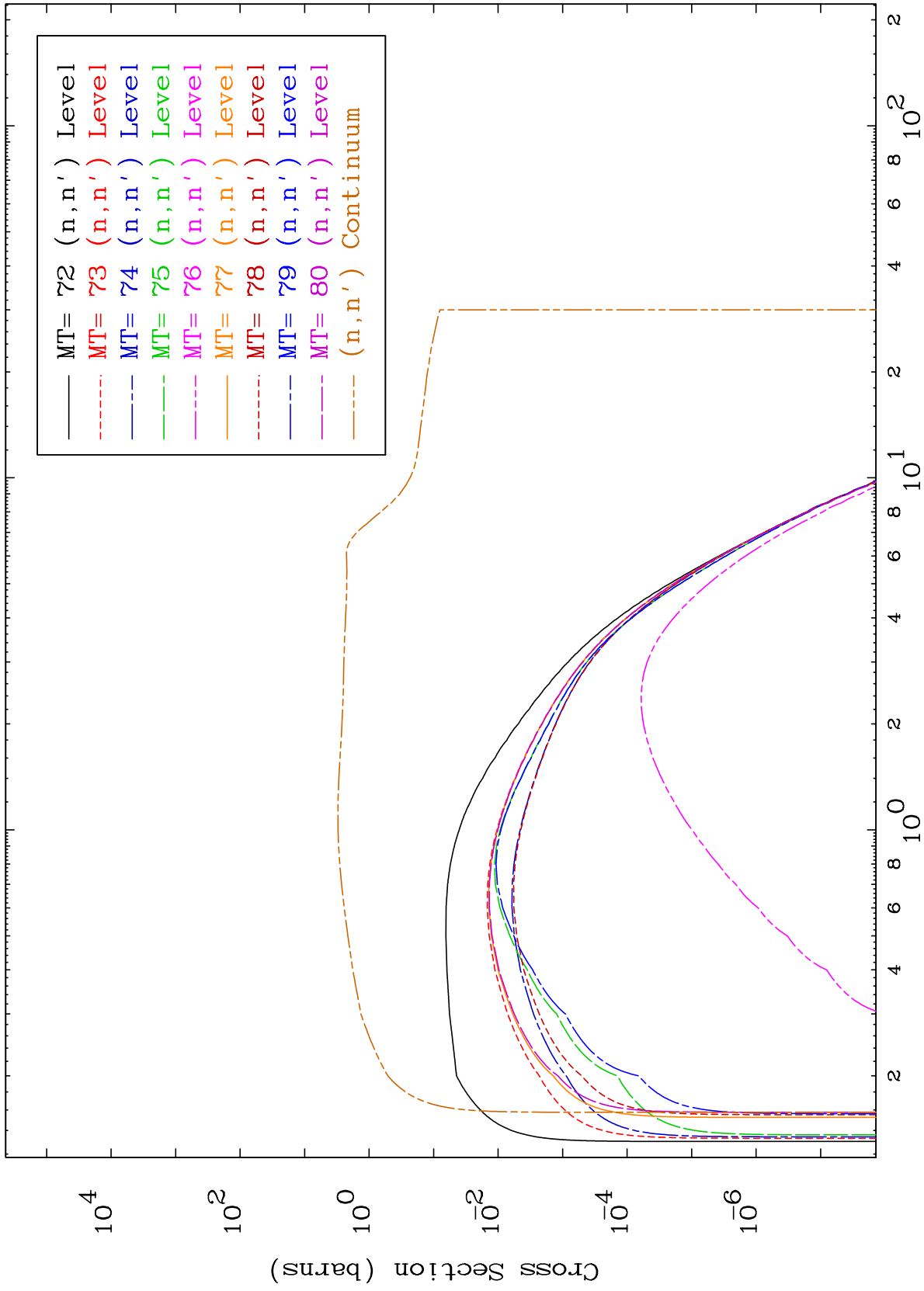
293 Kelvin Cross Sections



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Incident Energy (MeV)

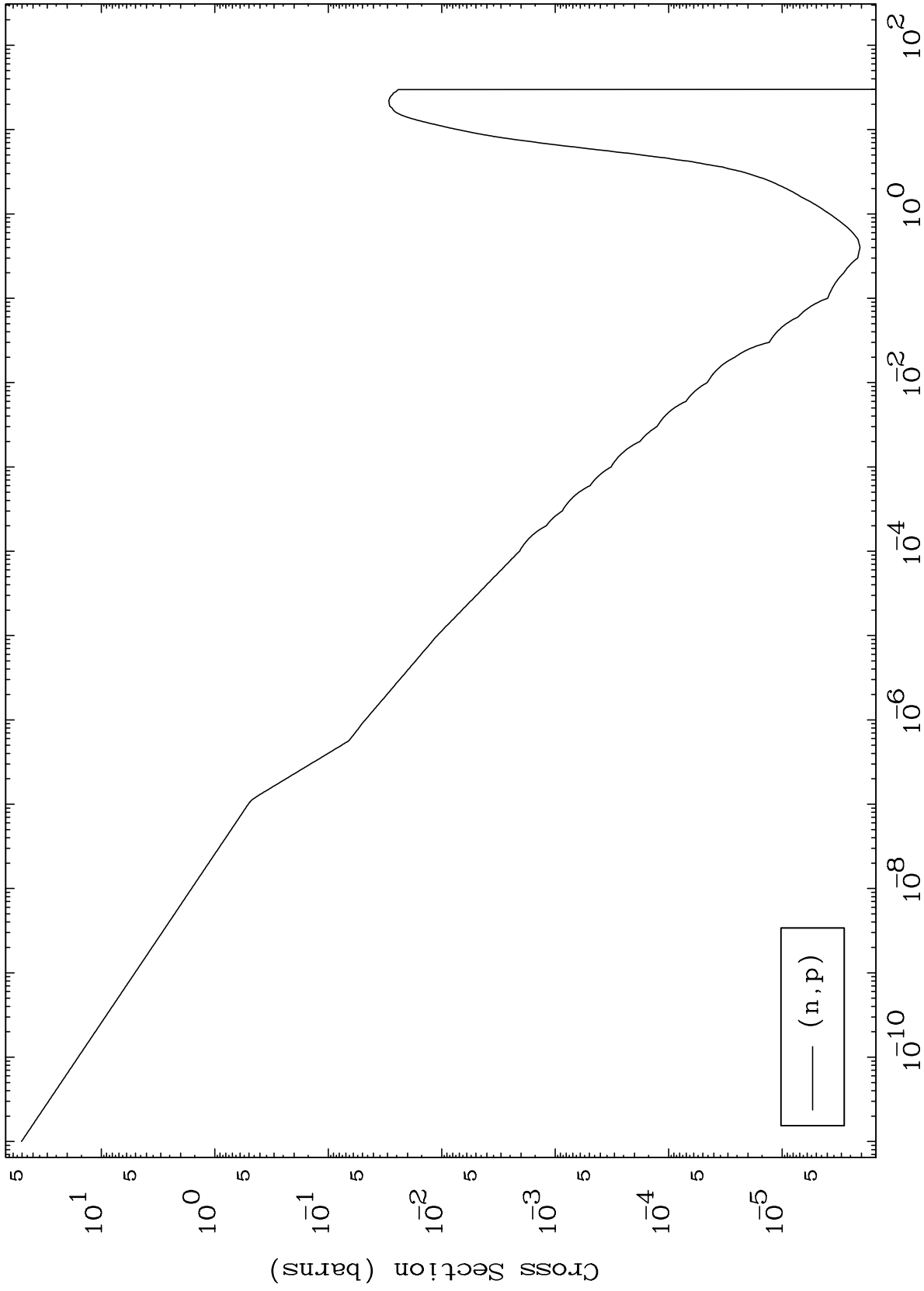
63-Eu-152



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(n,p) Levels
293 Kelvin Cross Sections

63-Eu-152



10

Incident Energy (MeV)

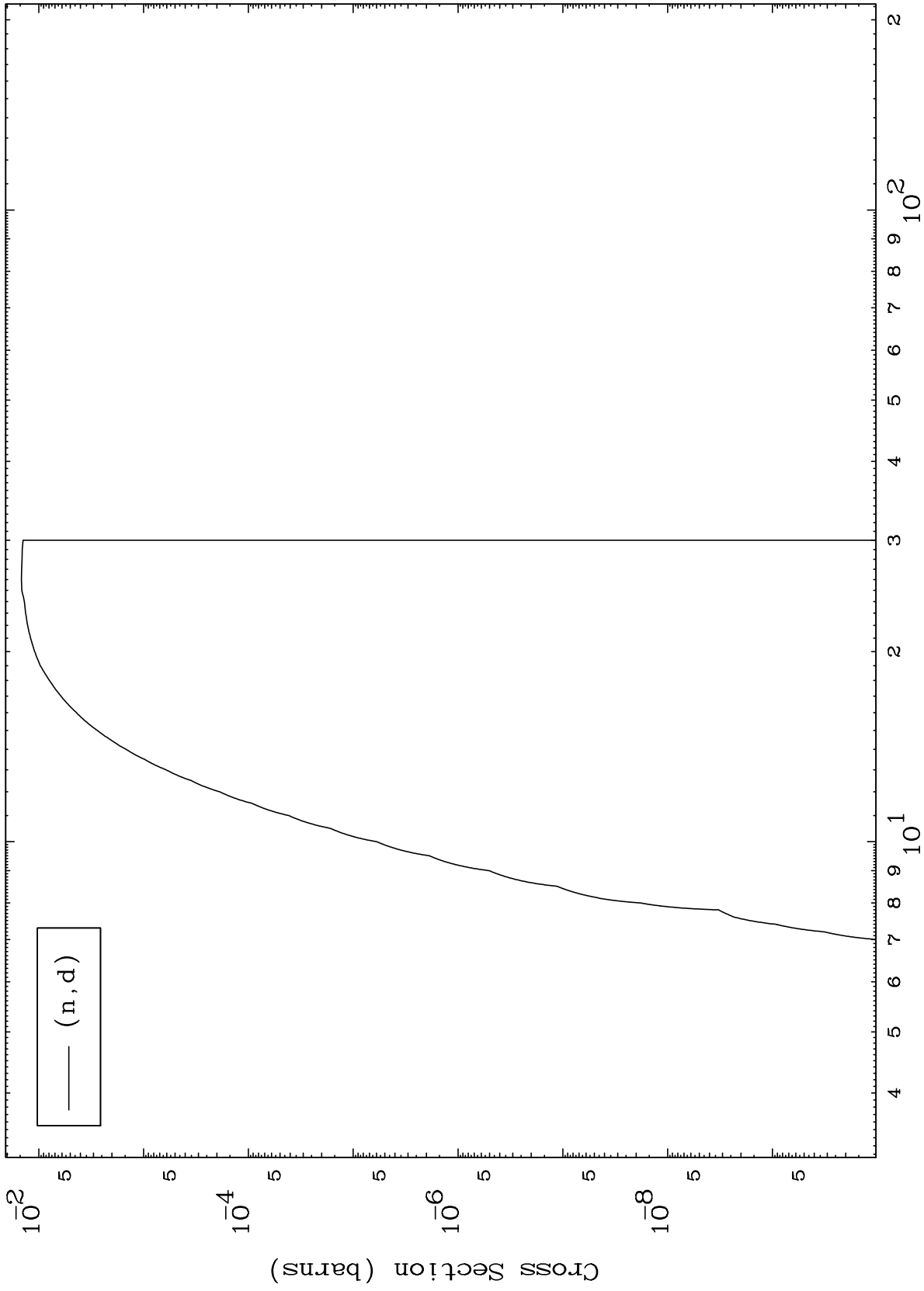
63-Eu-152

— (n, p)

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(n,d) Levels
293 Kelvin Cross Sections

63-Eu-152



11

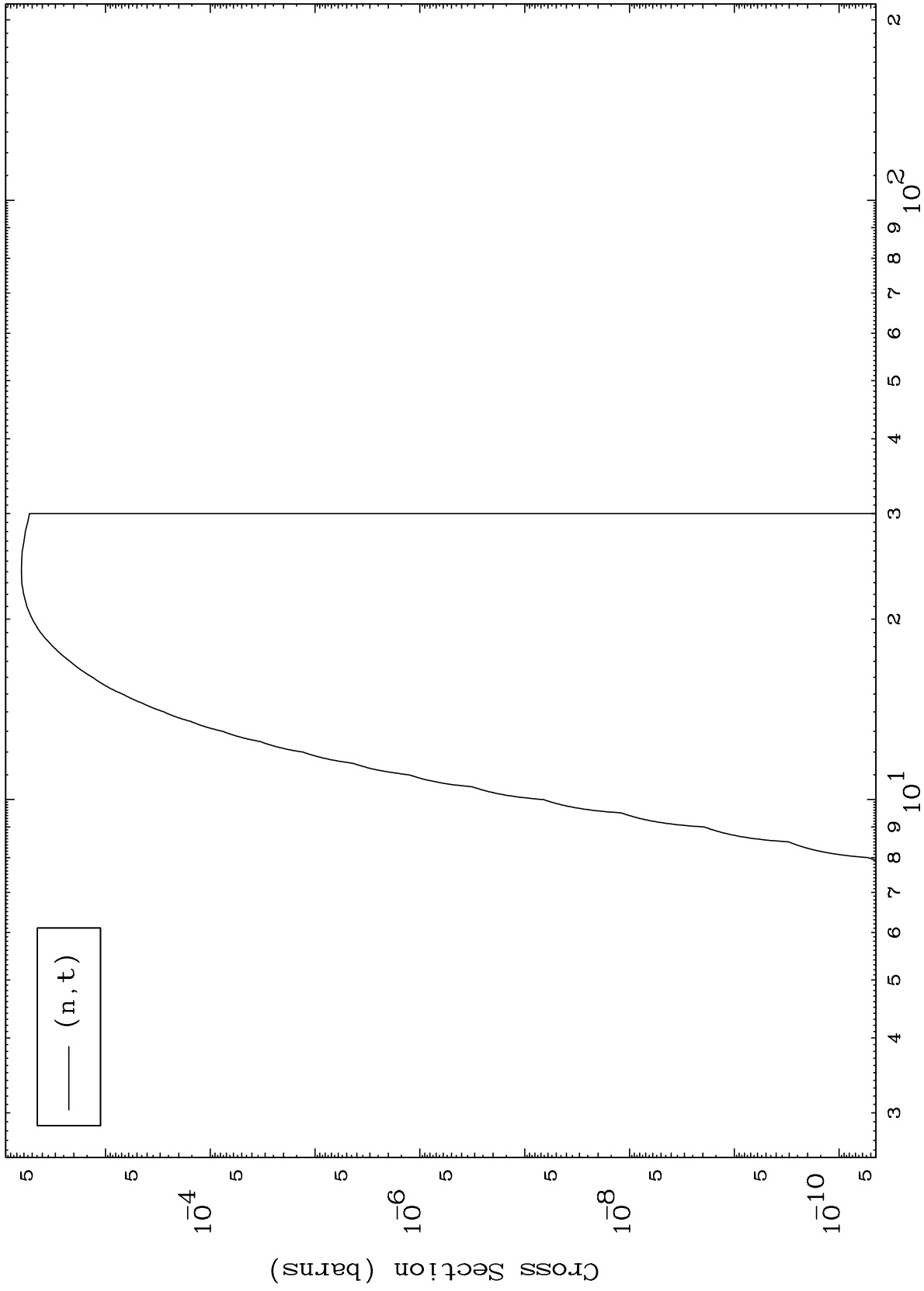
Incident Energy (MeV)

63-Eu-152

MAT 6329

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-152



12

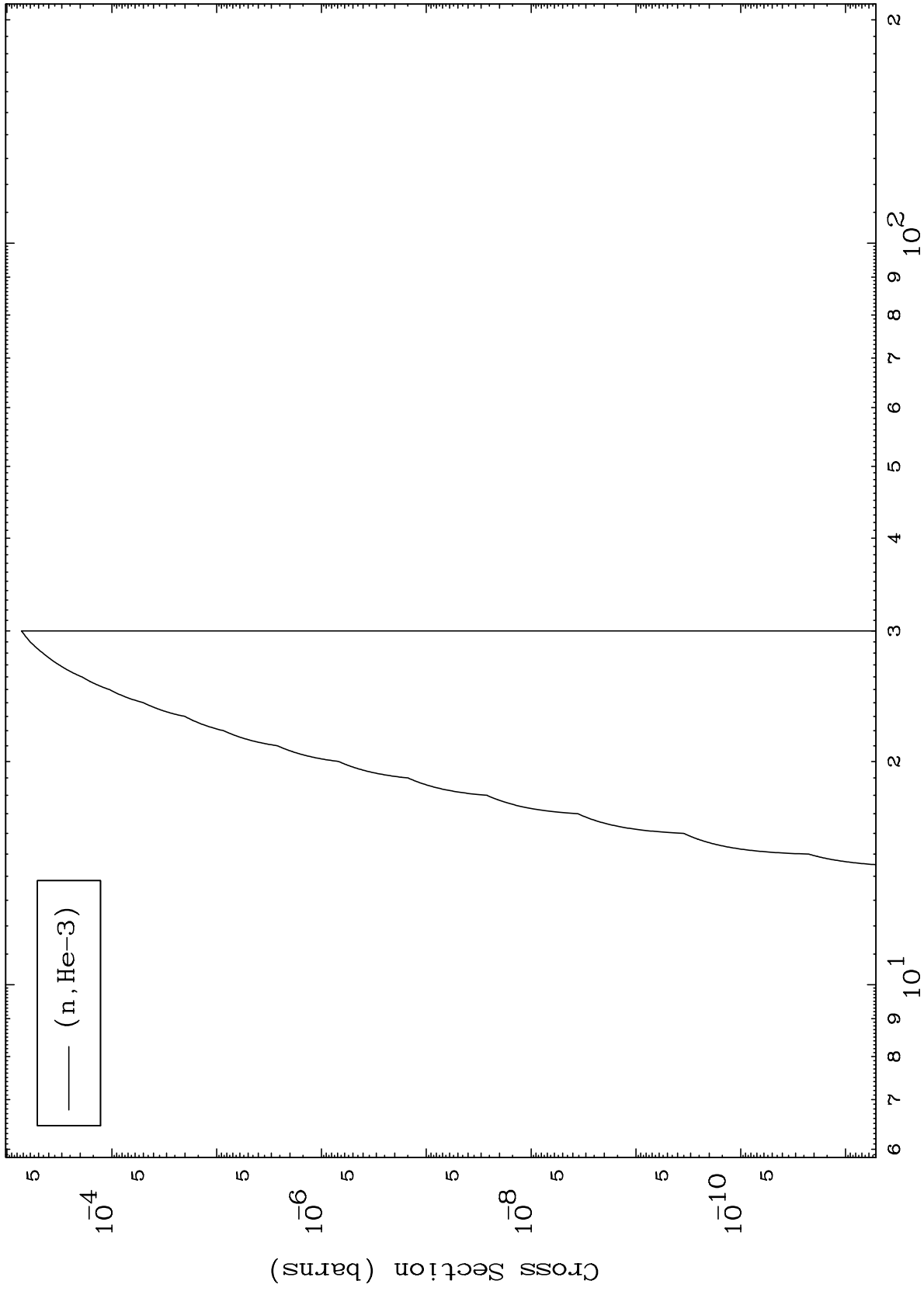
Incident Energy (MeV)

63-Eu-152

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(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-152



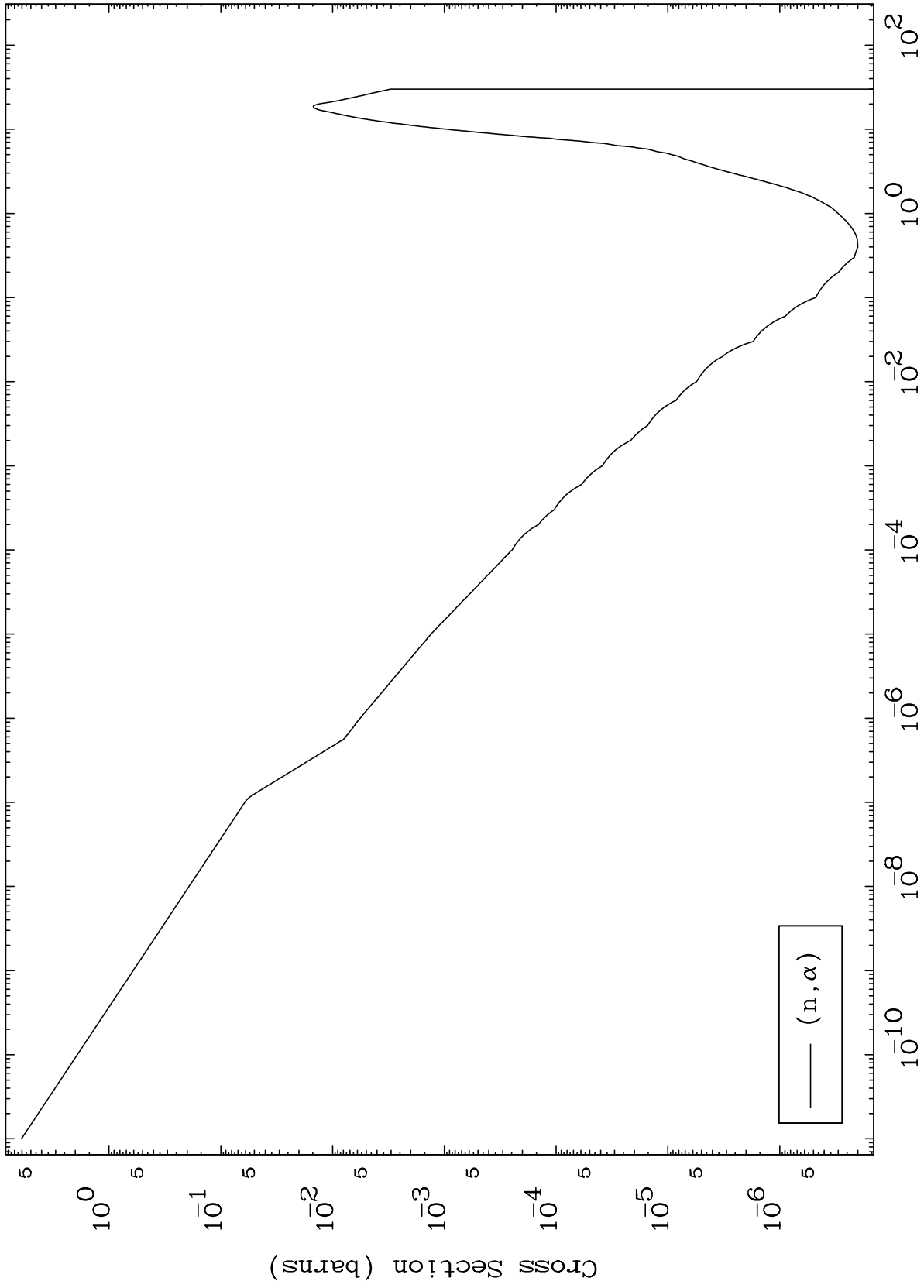
13

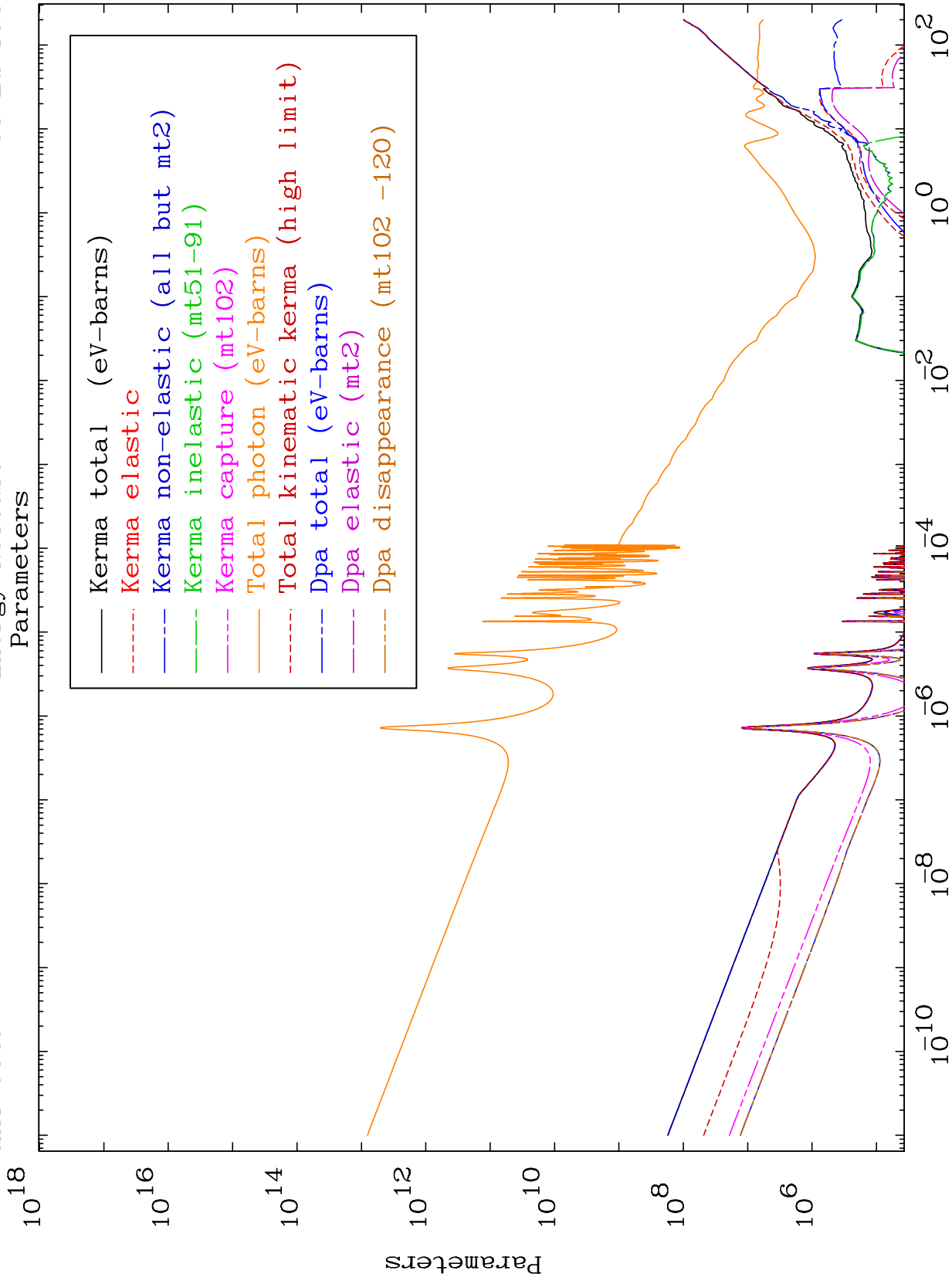
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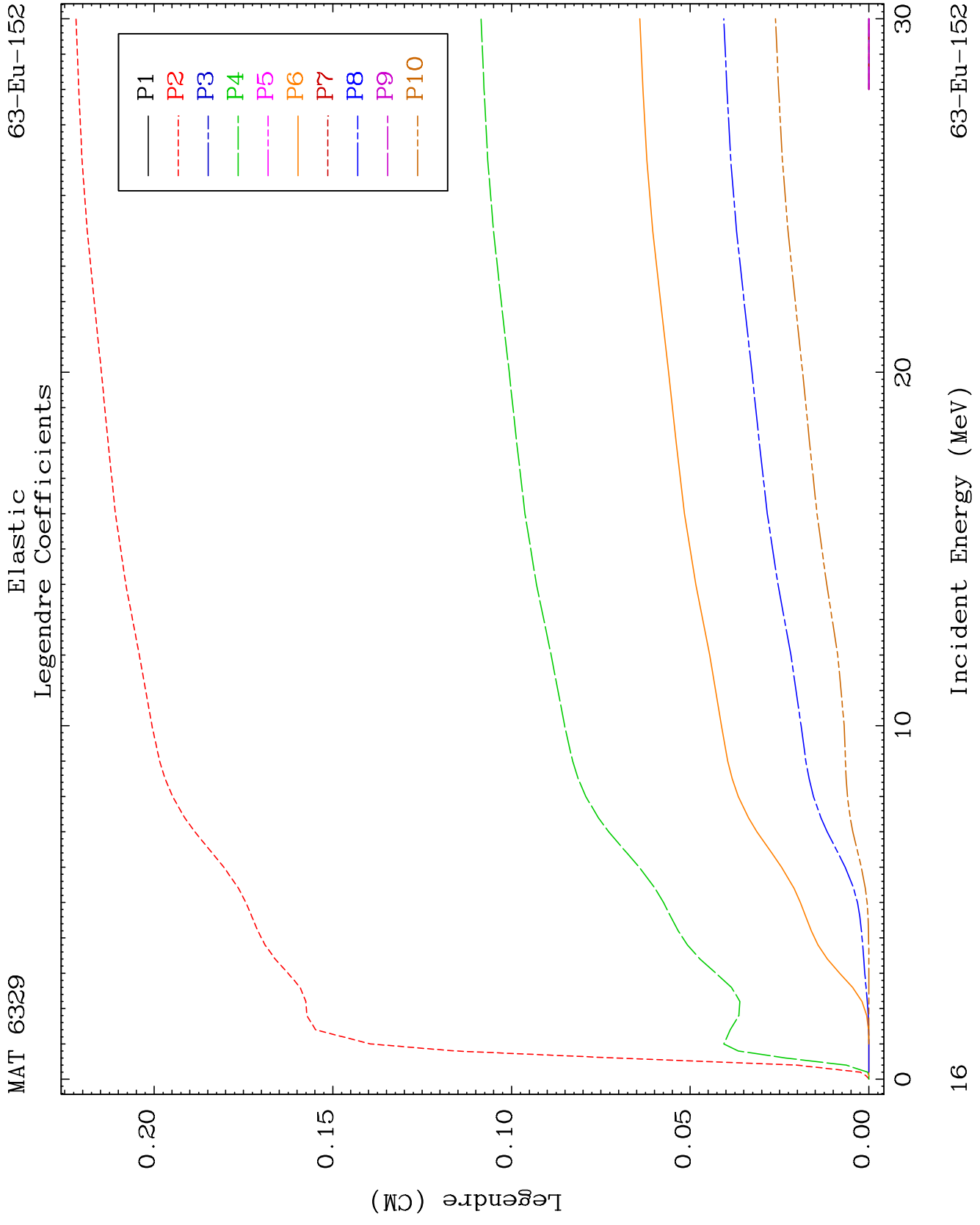
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(n,α) Levels
293 Kelvin Cross Sections

63-Eu-152



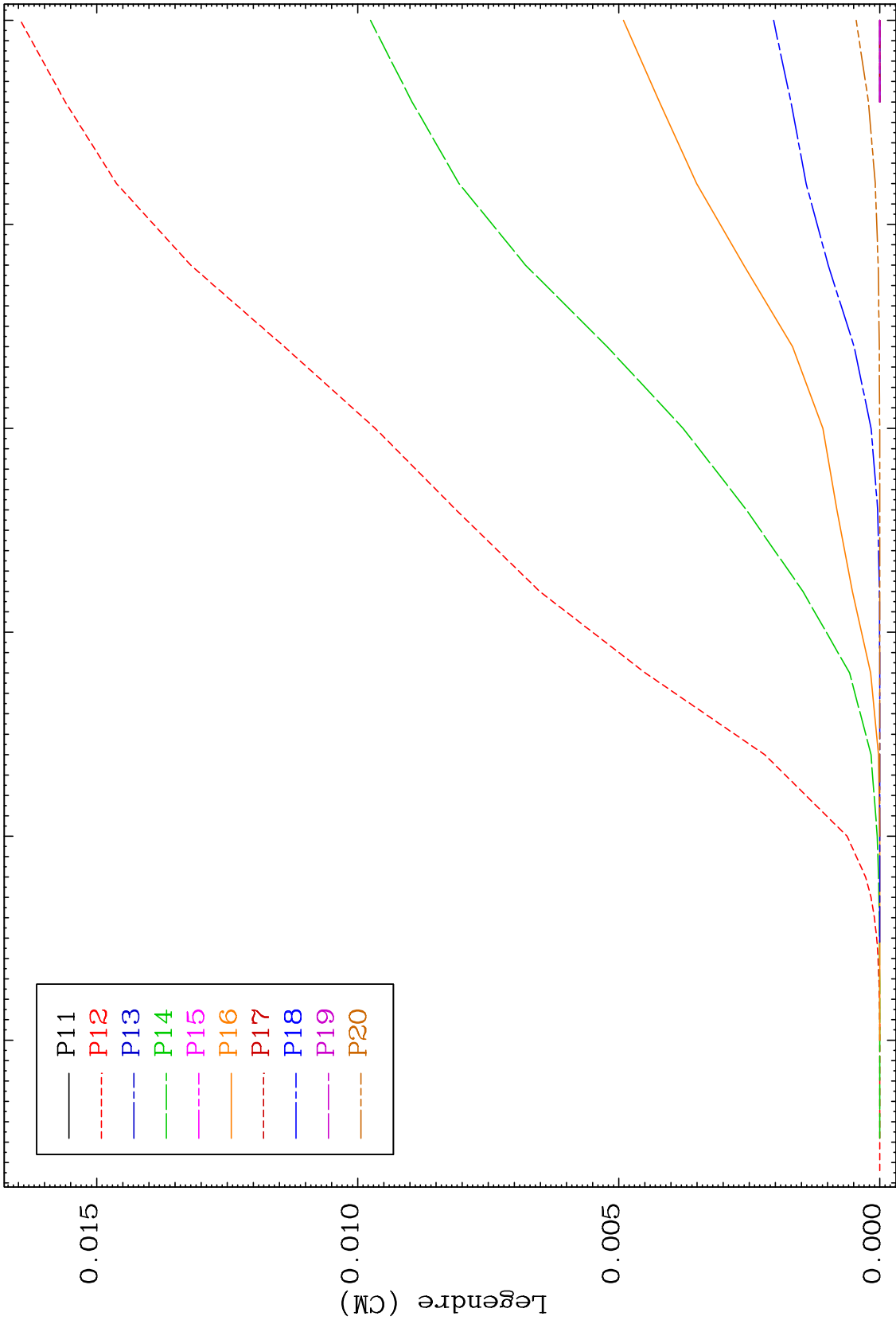




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Elastic Legendre Coefficients

63-Eu-152



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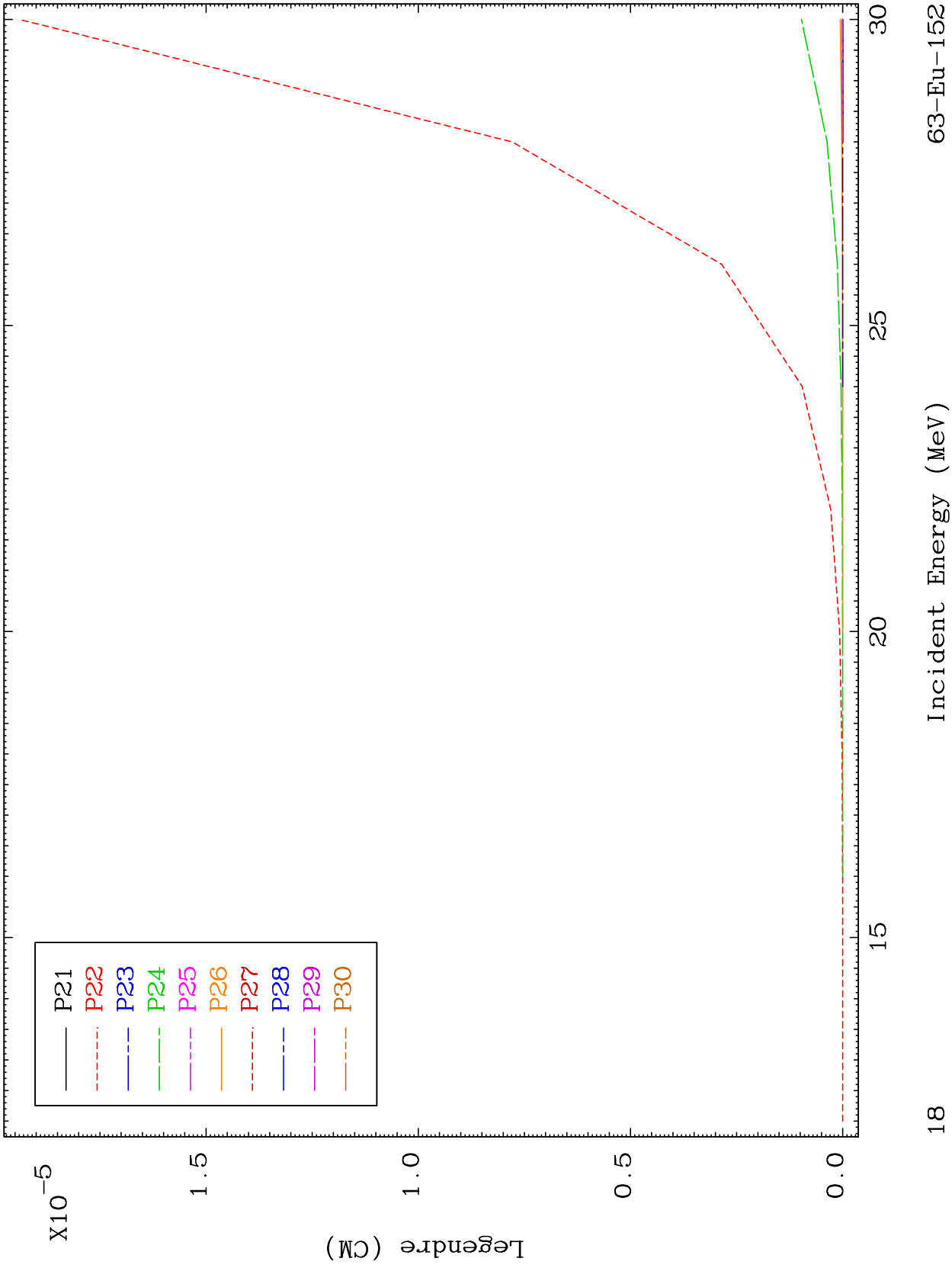
Incident Energy (MeV)

63-Eu-152

MAT 6329

Elastic Legendre Coefficients

63-Eu-152



18

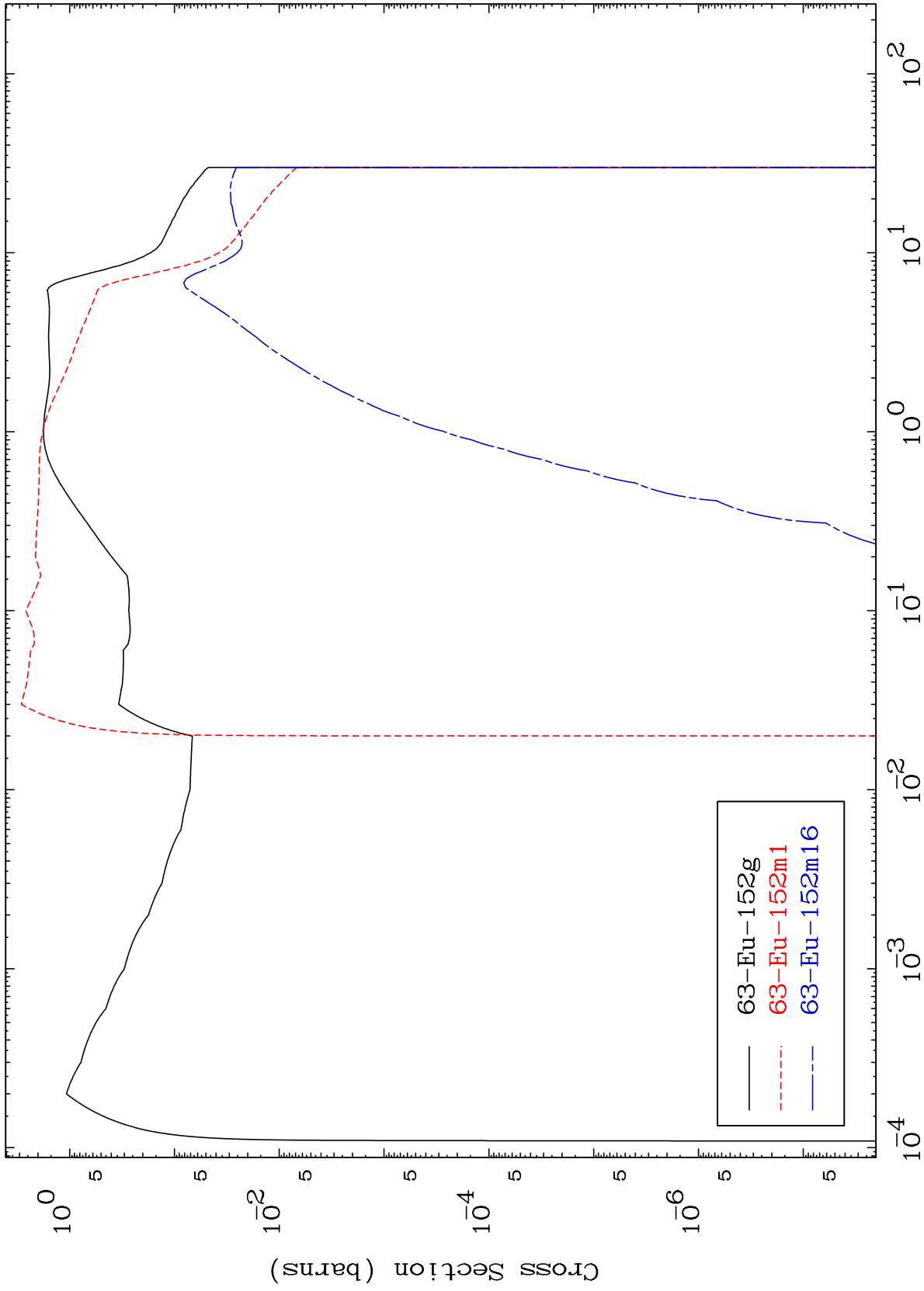
Incident Energy (MeV)

63-Eu-152

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63-Eu-152

Inelastic Radionuclide Production Cross Section

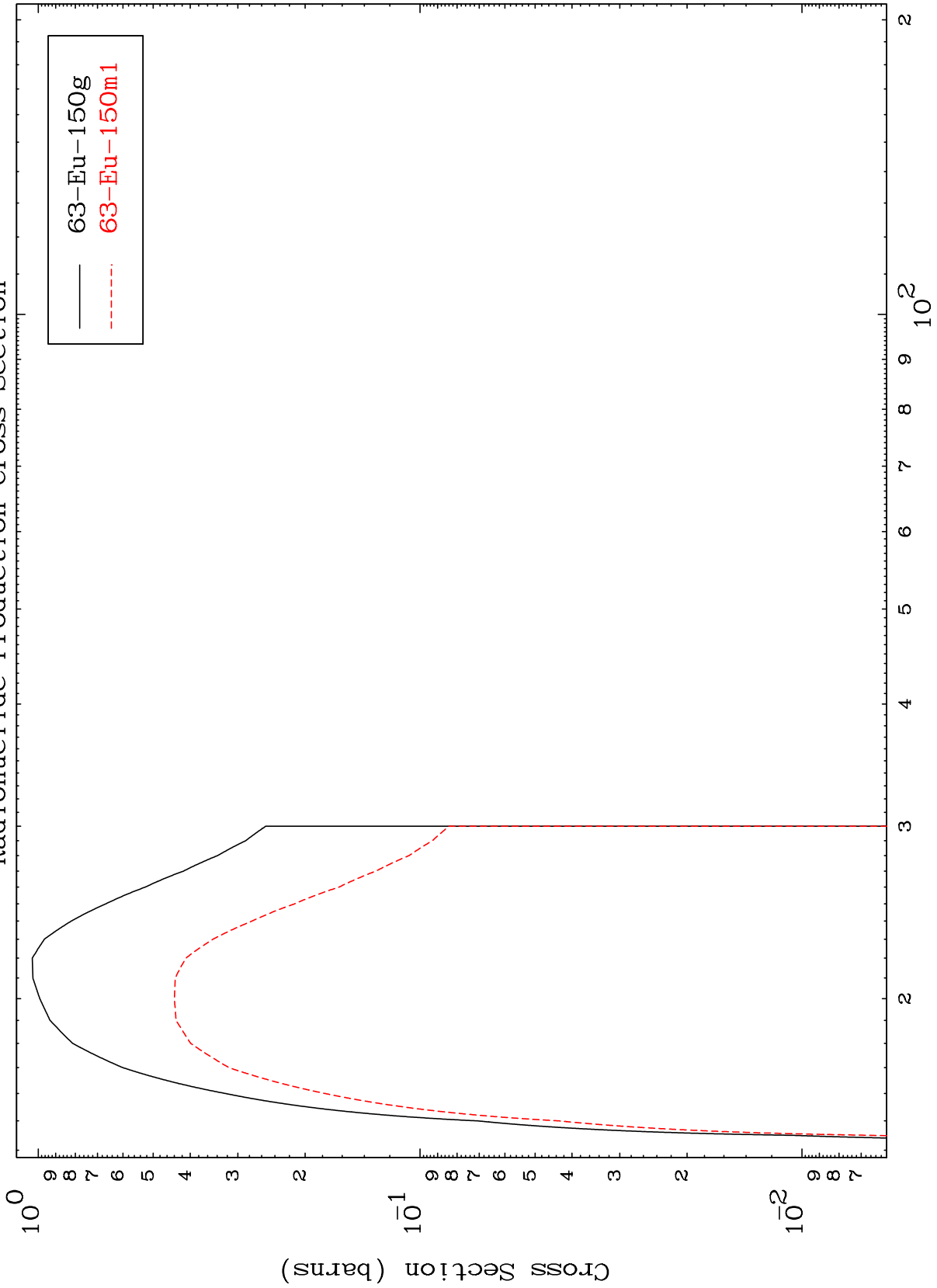


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(n,3n)

63-Eu-152

Radionuclide Production Cross Section



20

Incident Energy (MeV)

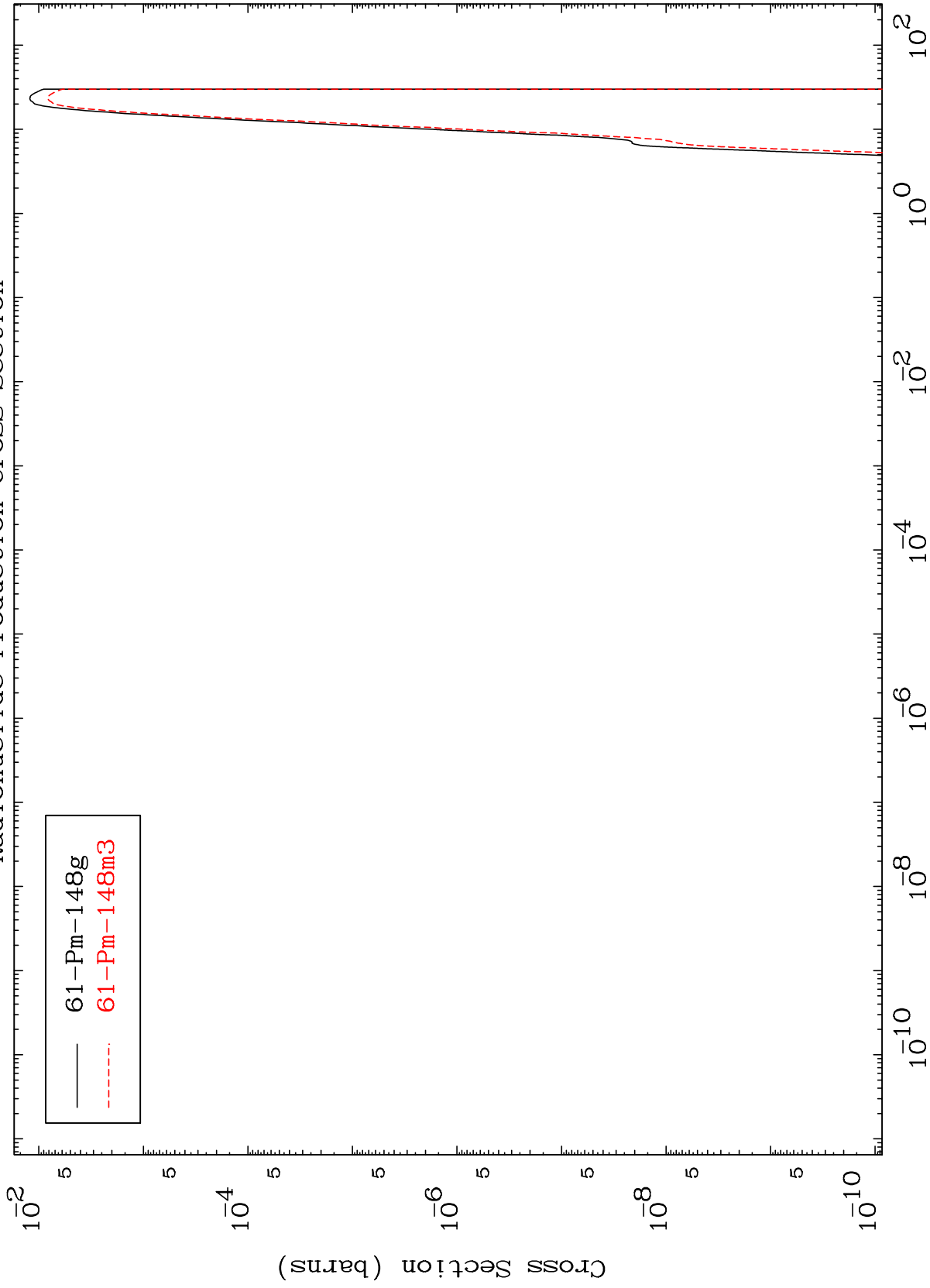
63-Eu-152

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(n,n') α

63-Eu-152

Radionuclide Production Cross Section



21

Incident Energy (MeV)

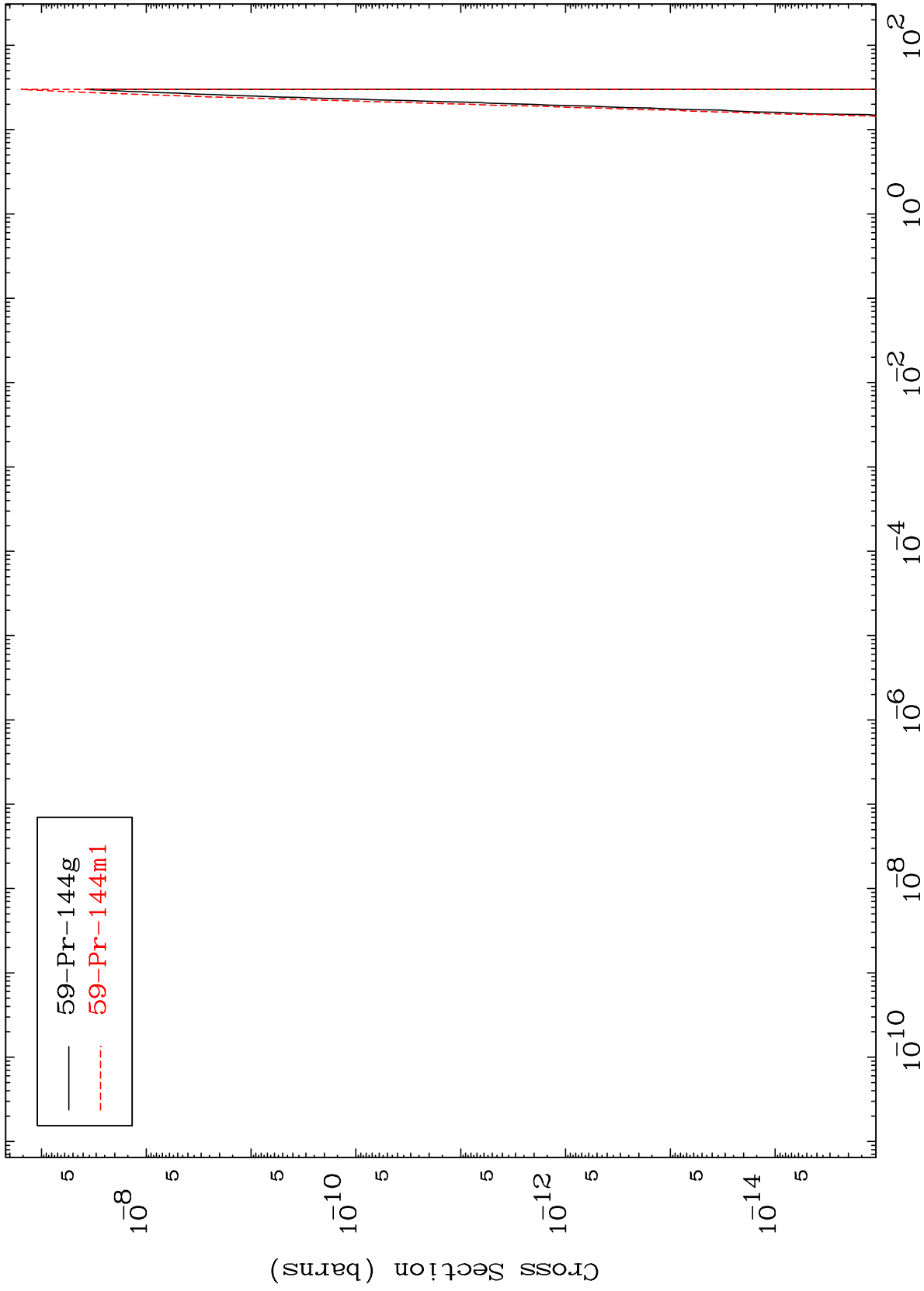
63-Eu-152

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(n,n') 2 α

63-Eu-152

Radionuclide Production Cross Section



22

Incident Energy (MeV)

63-Eu-152