

Program EVALPLOT
(Version 2015-2)

by

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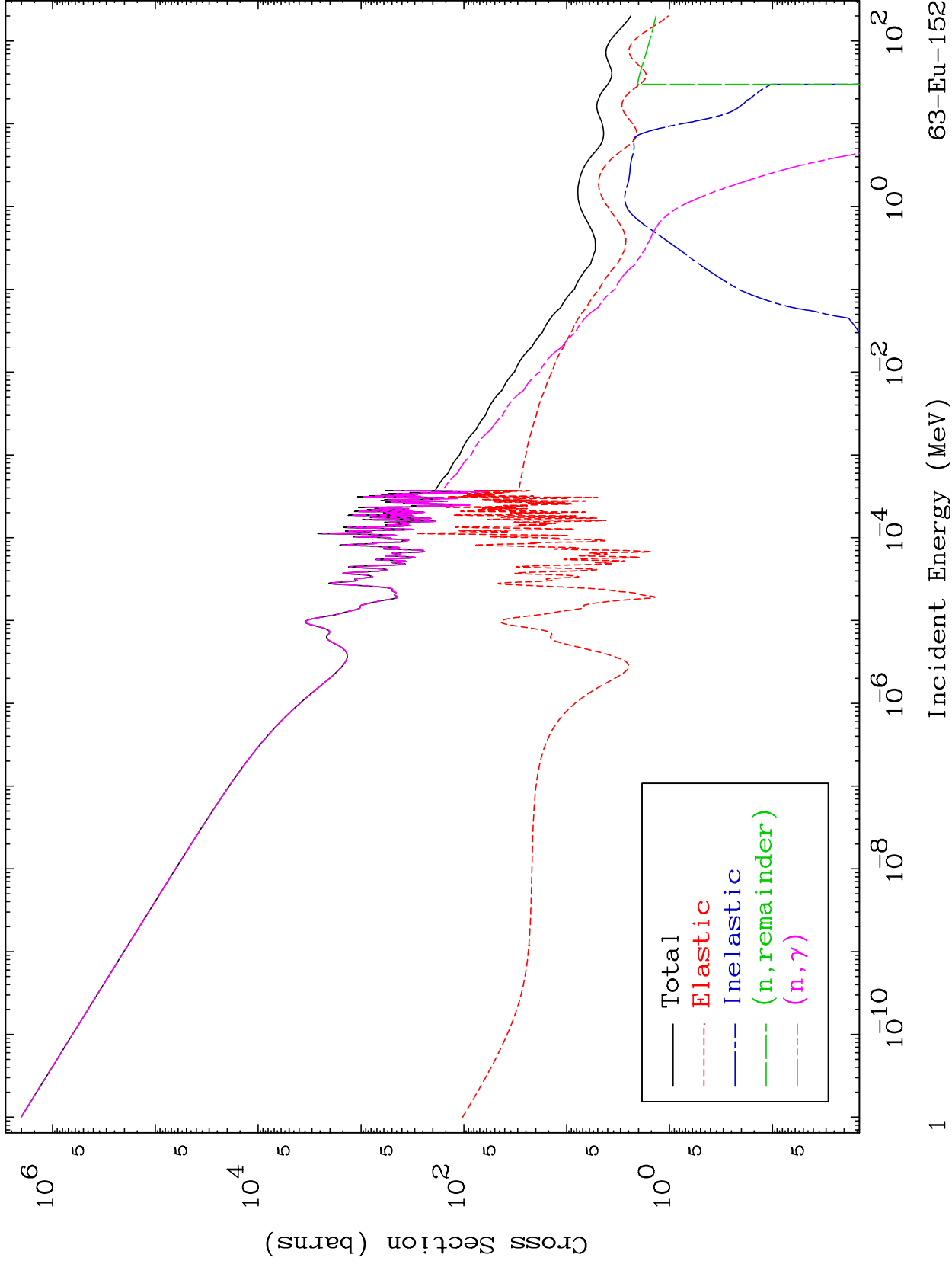
Press Mouse Button to Start

MAT 6330

Major

293 Kelvin Cross Sections

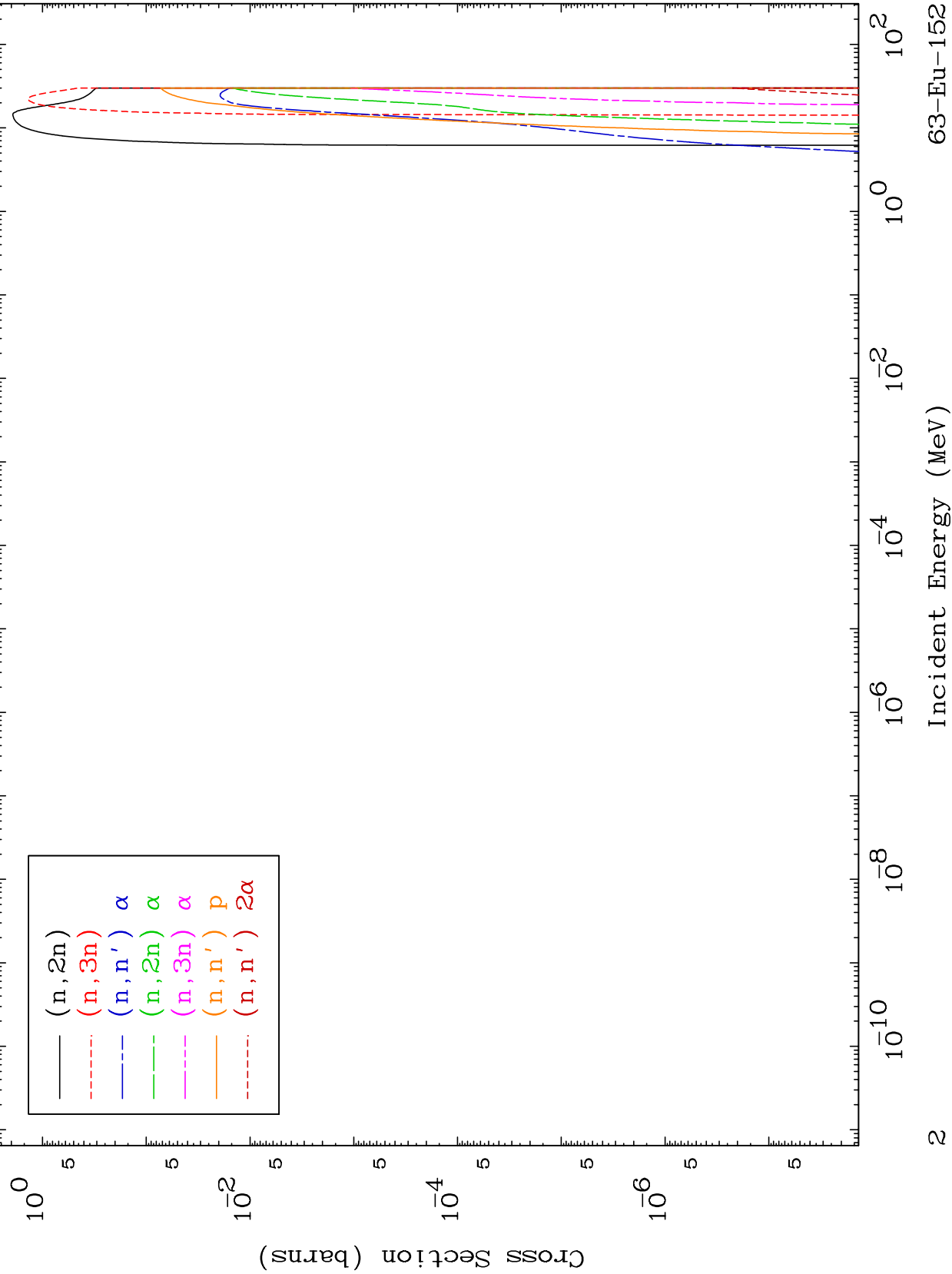
63-Eu-152



MAT 6330

Neutron Production
293 Kelvin Cross Sections

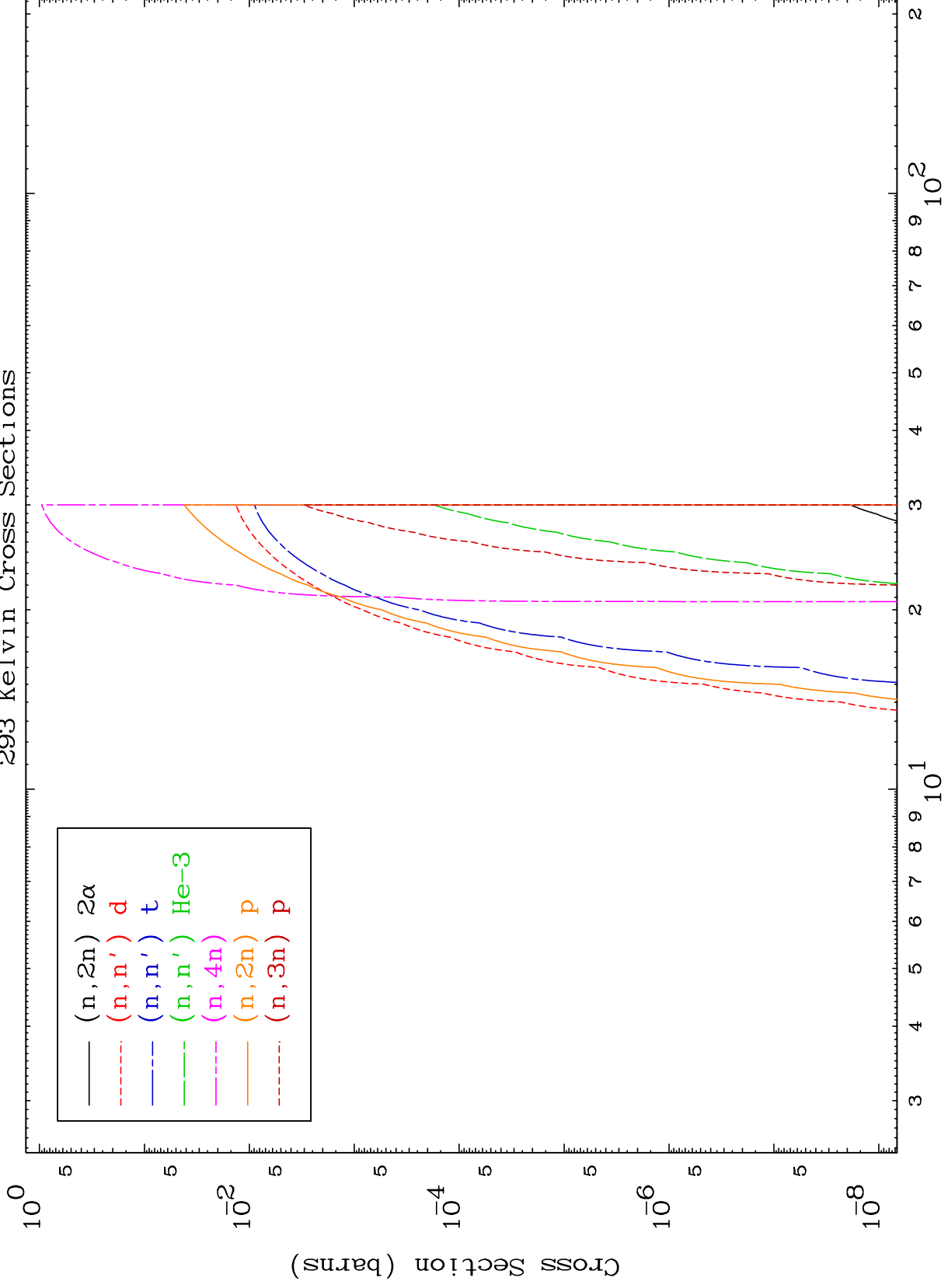
63-Eu-152



MAT 6330

Neutron Production
293 Kelvin Cross Sections

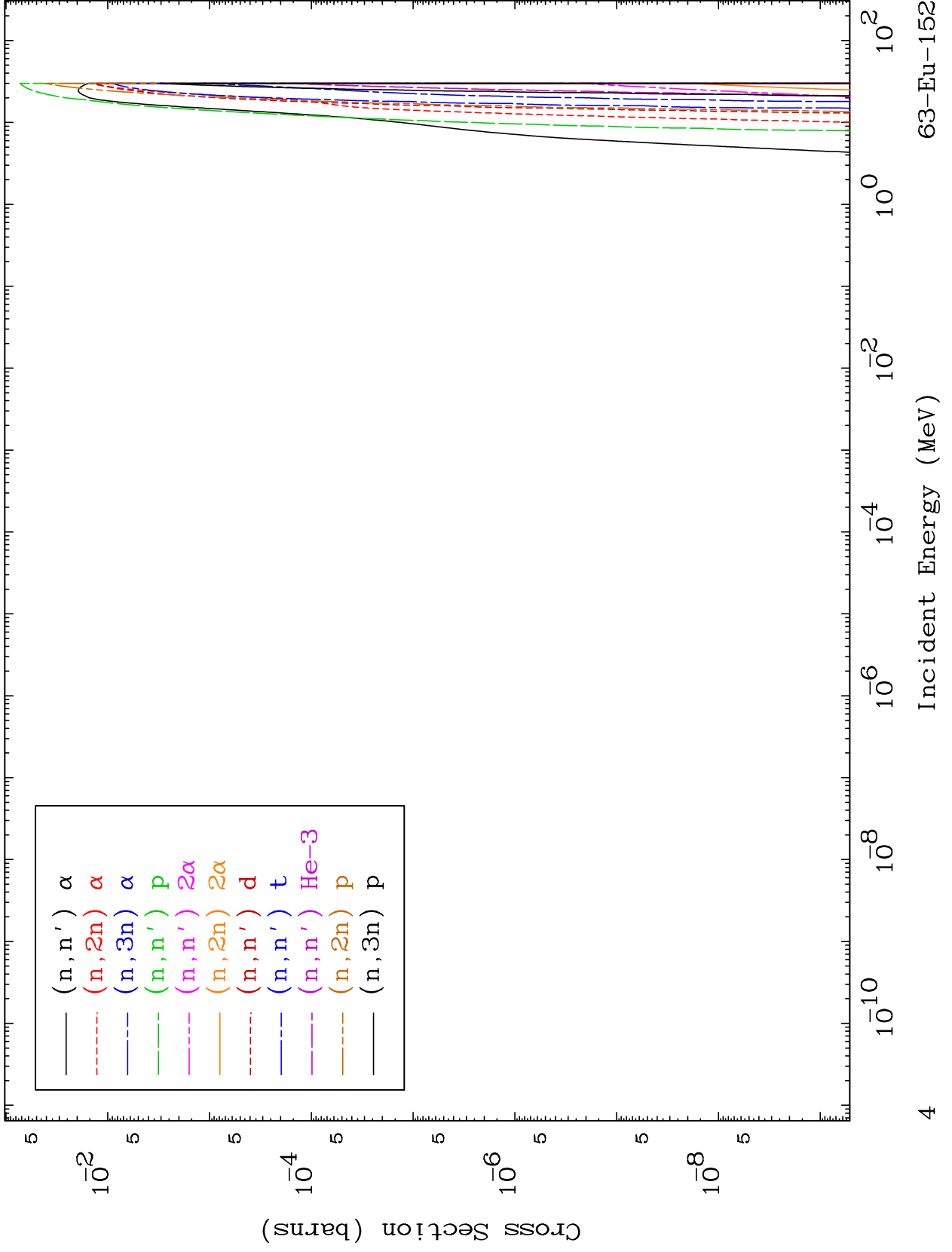
63-Eu-152



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Charged Particle
293 Kelvin Cross Sections

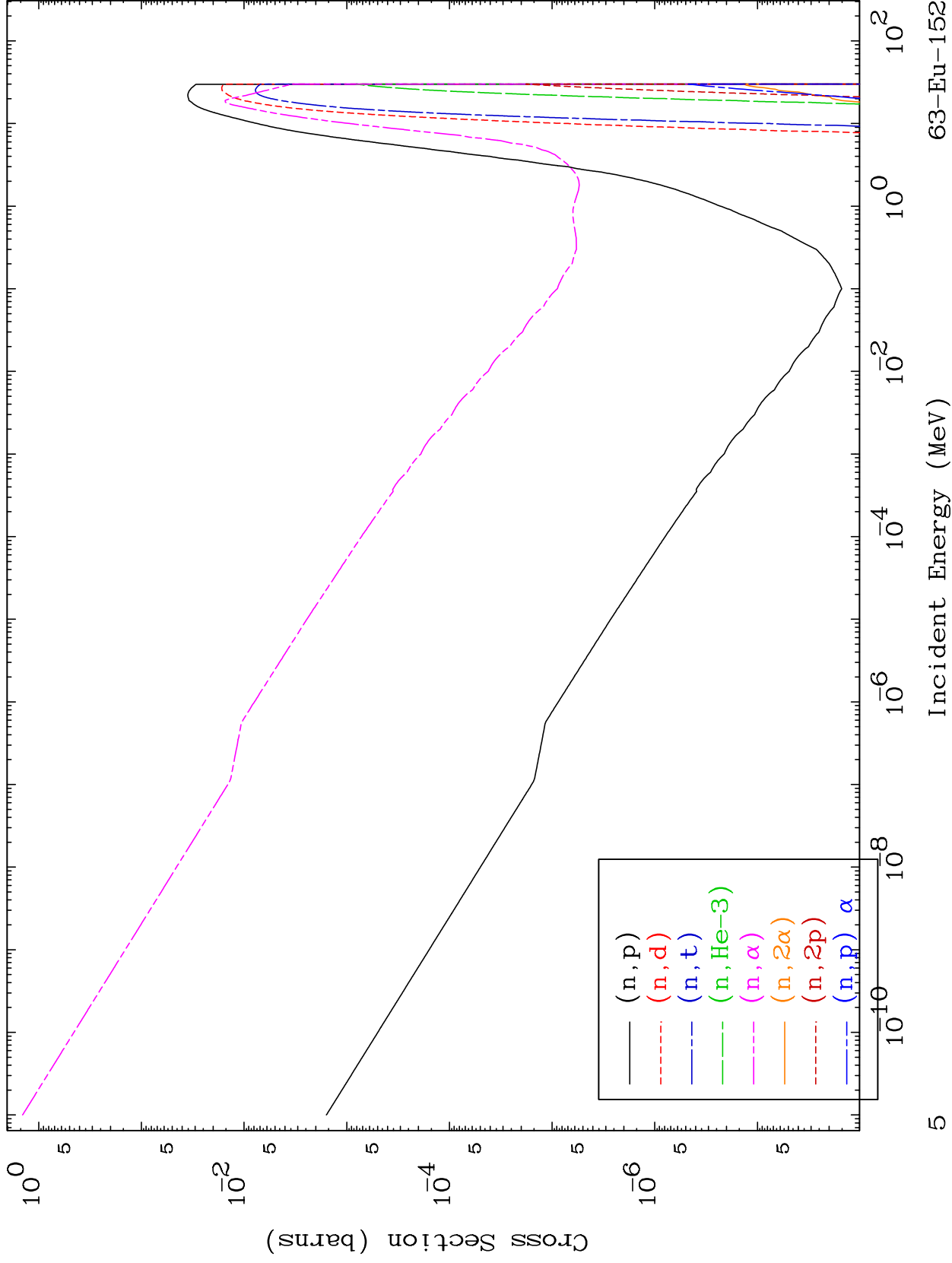
63-Eu-152



MAT 6330

Charged Particle
293 Kelvin Cross Sections

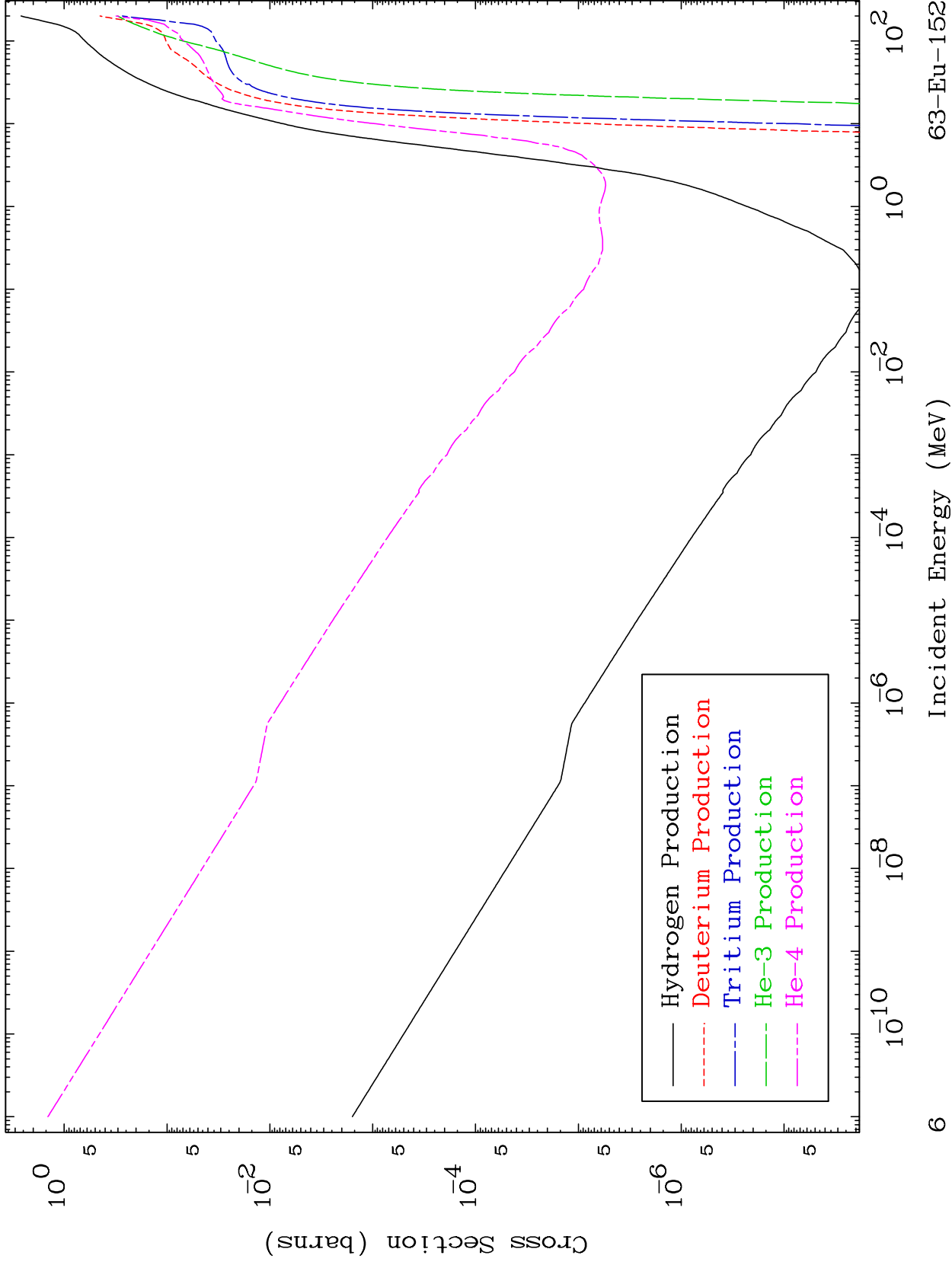
63-Eu-152



MAT 6330

Particle Production
293 Kelvin Cross Sections

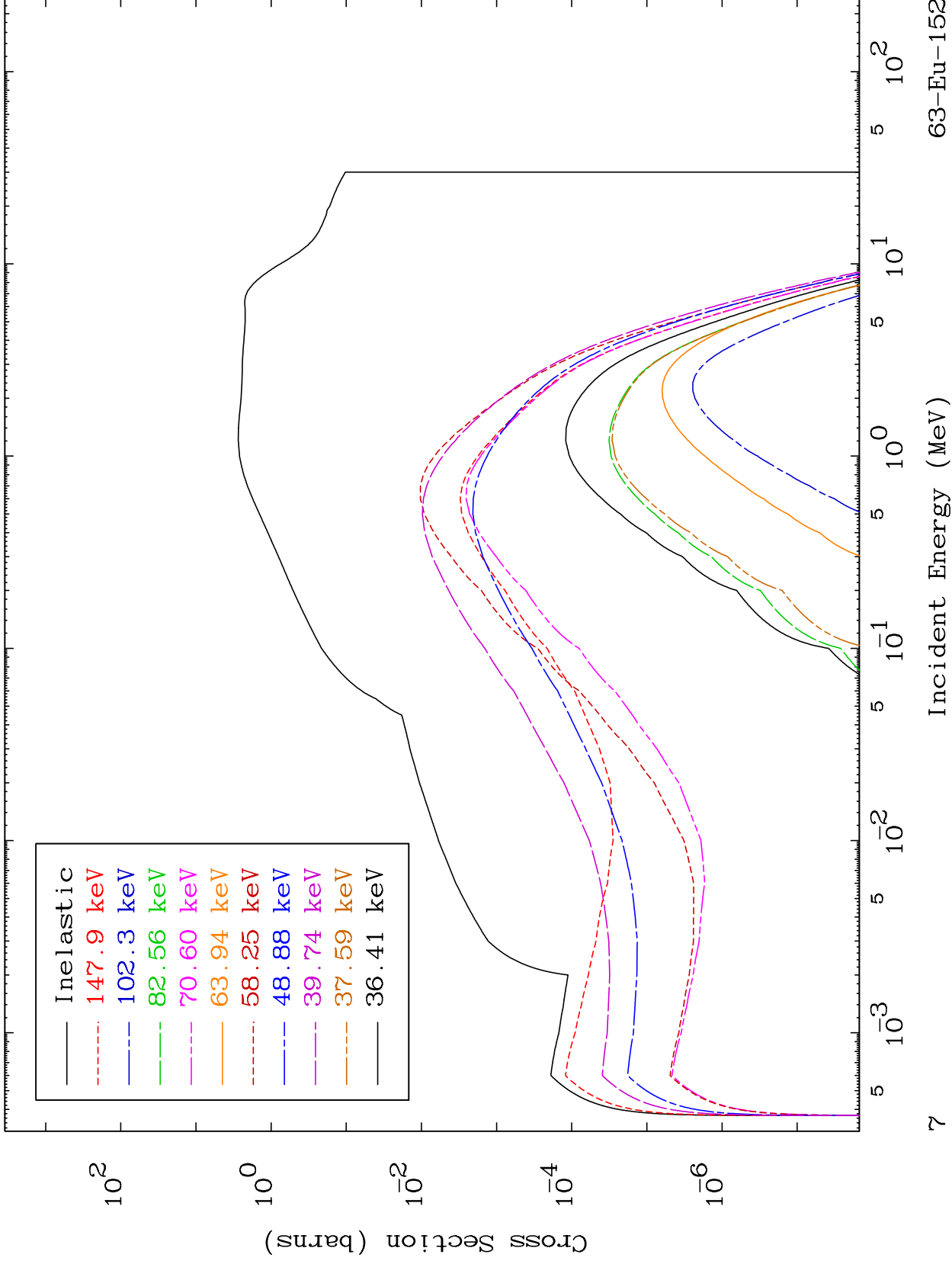
63-Eu-152



MAT 6330

(n,n') Level
293 Kelvin Cross Sections

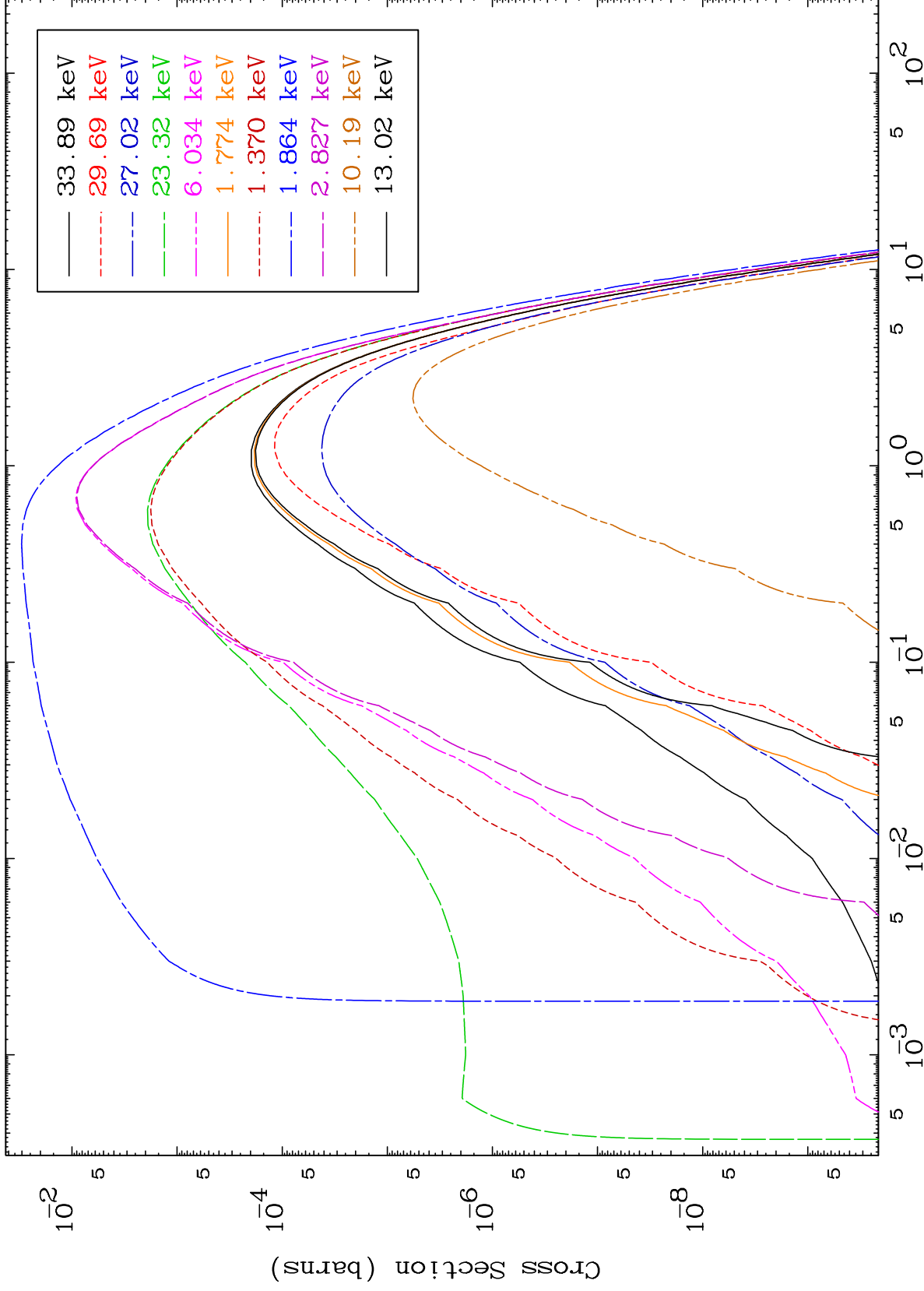
63-Eu-152

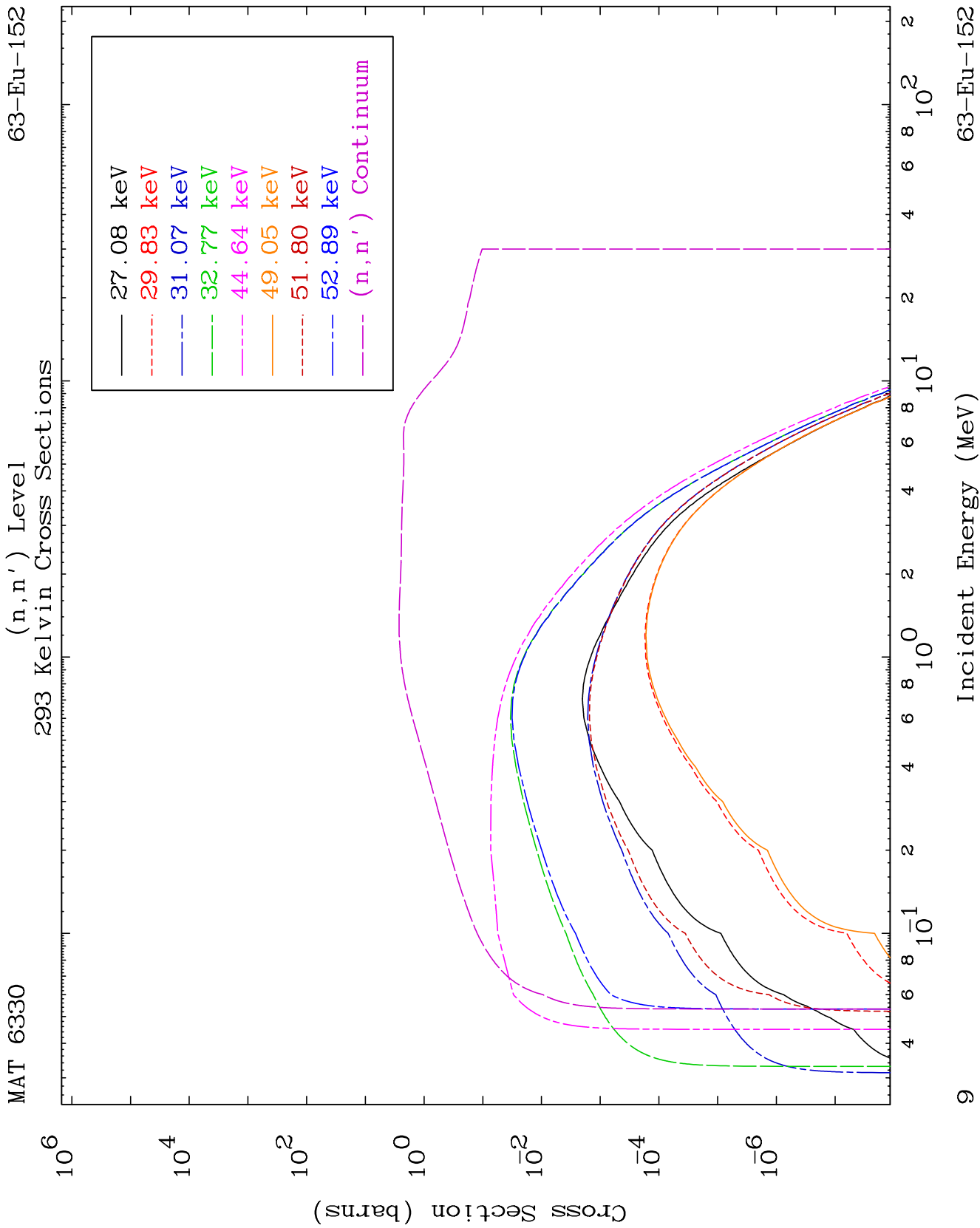


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(n,n') Level
293 Kelvin Cross Sections

63-Eu-152

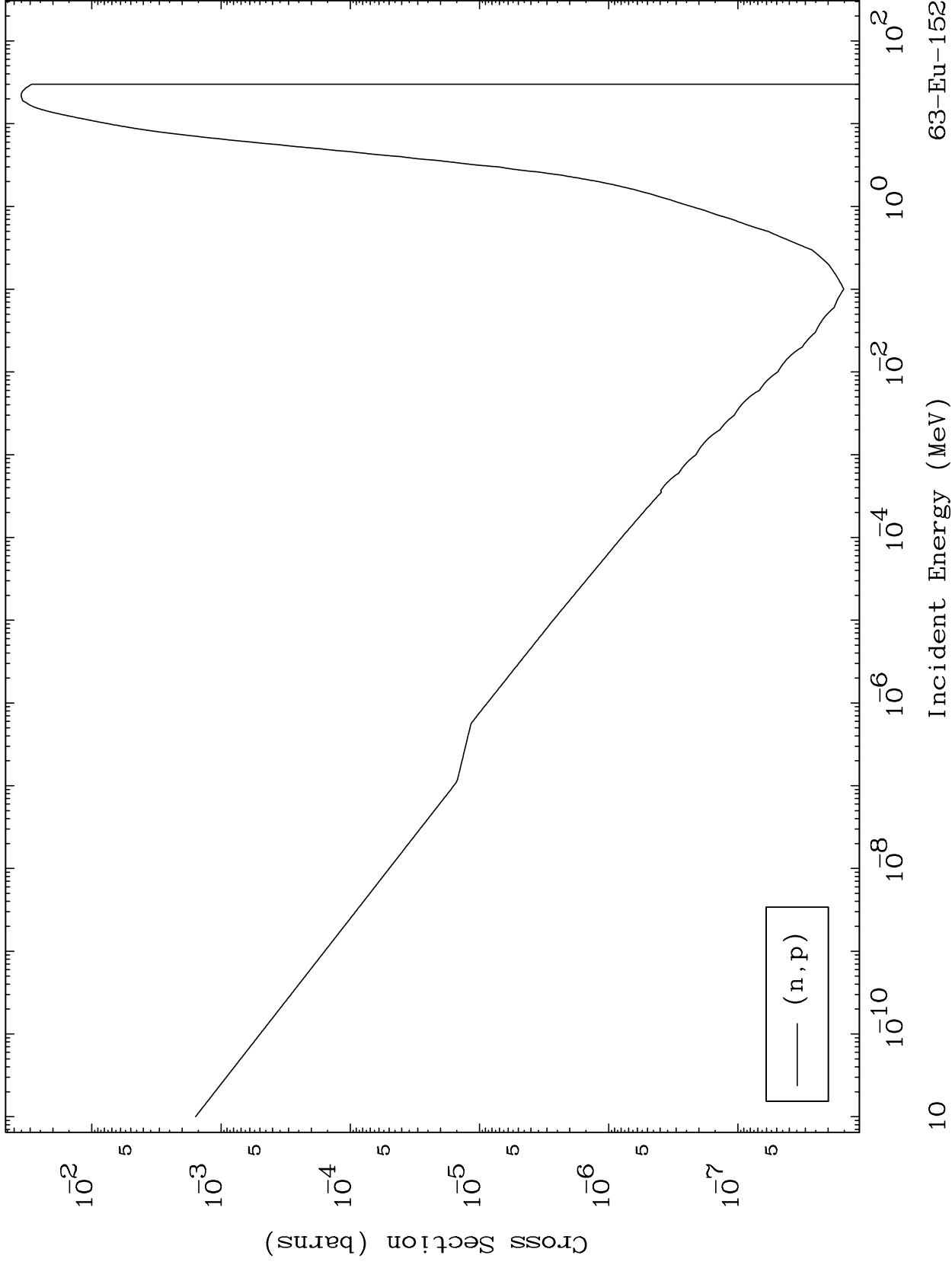




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(n,p) Levels
293 Kelvin Cross Sections

63-Eu-152



63-Eu-152

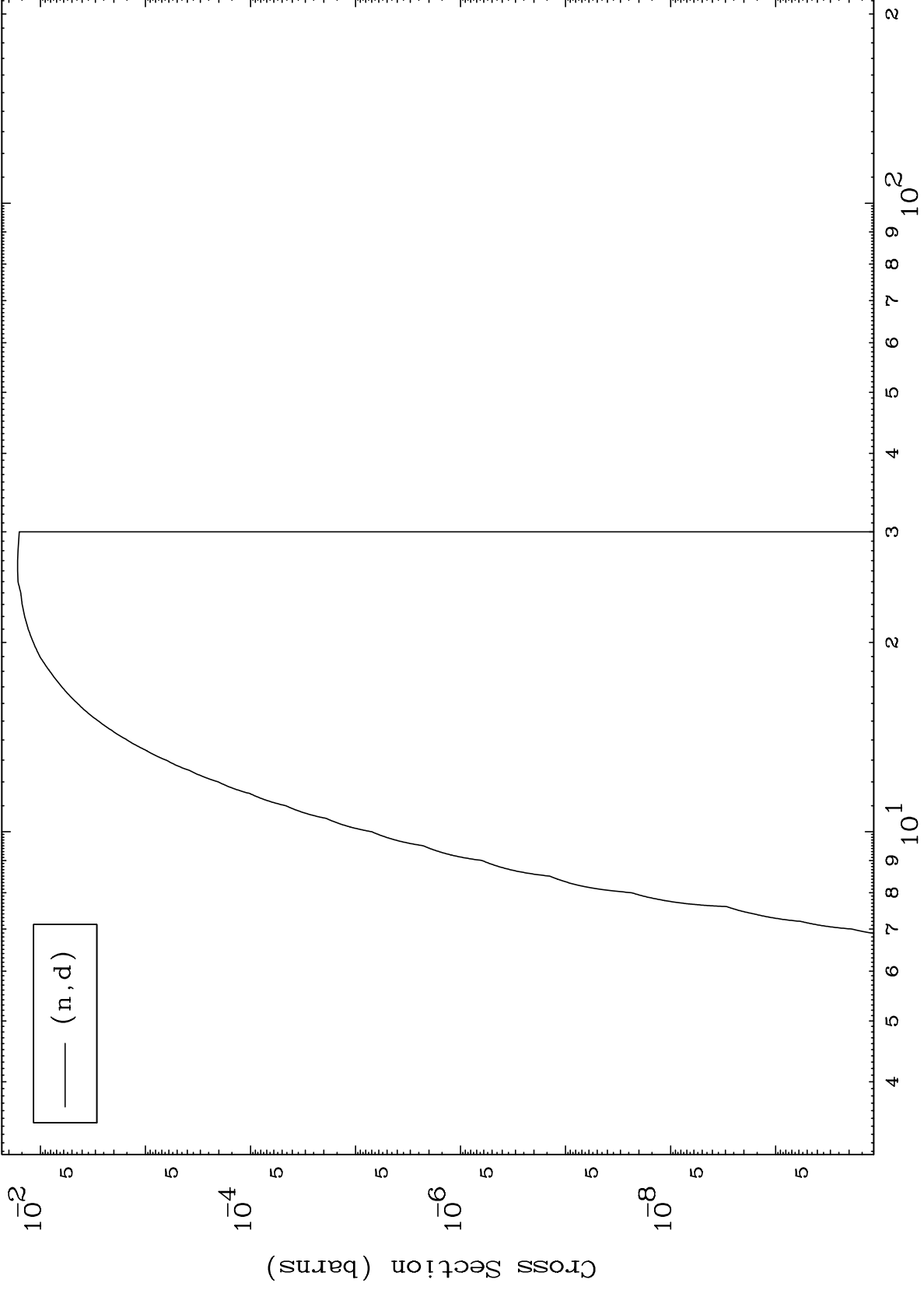
Incident Energy (MeV)

10

MAT 6330

(n,d) Levels
293 Kelvin Cross Sections

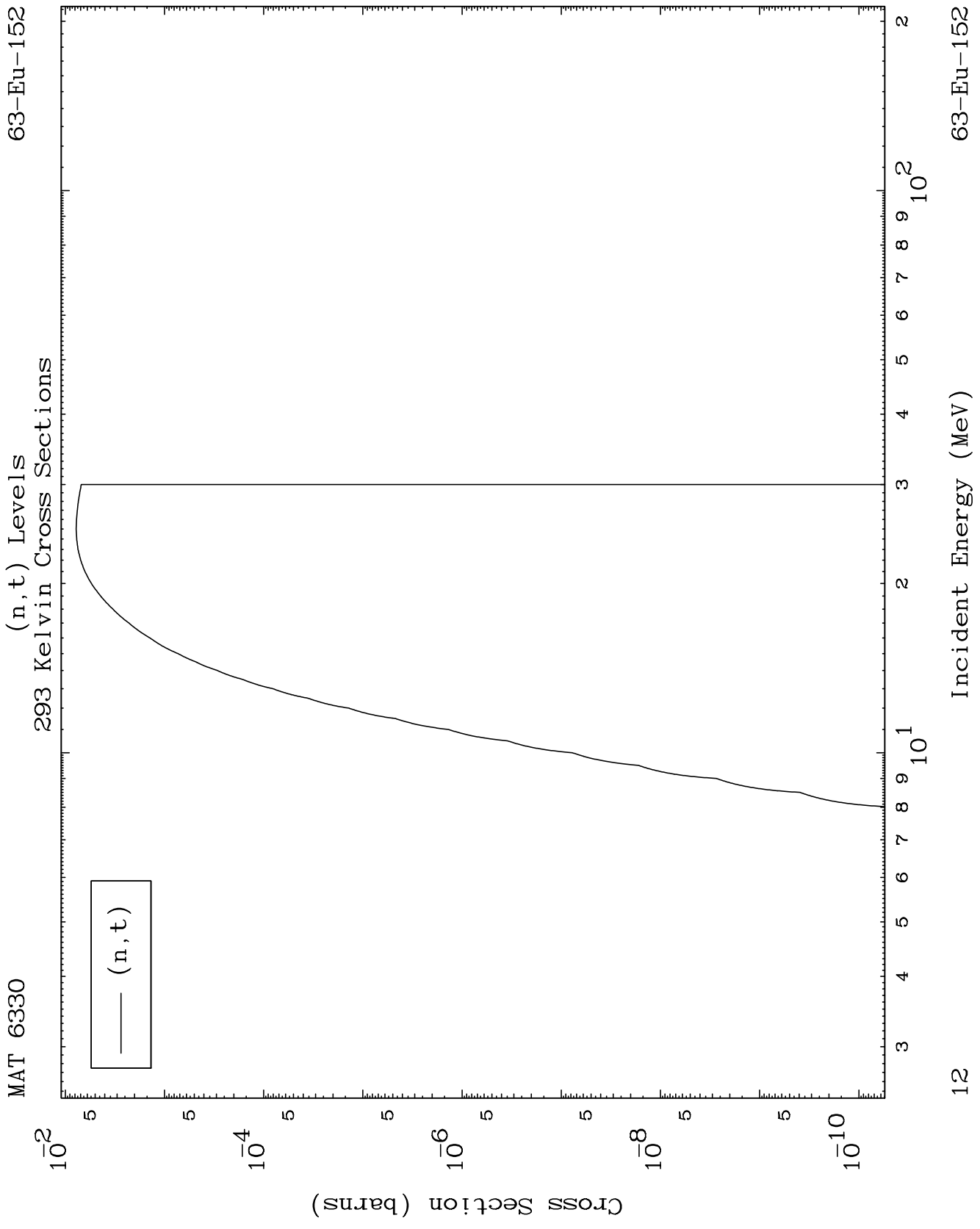
63-Eu-152



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Incident Energy (MeV)

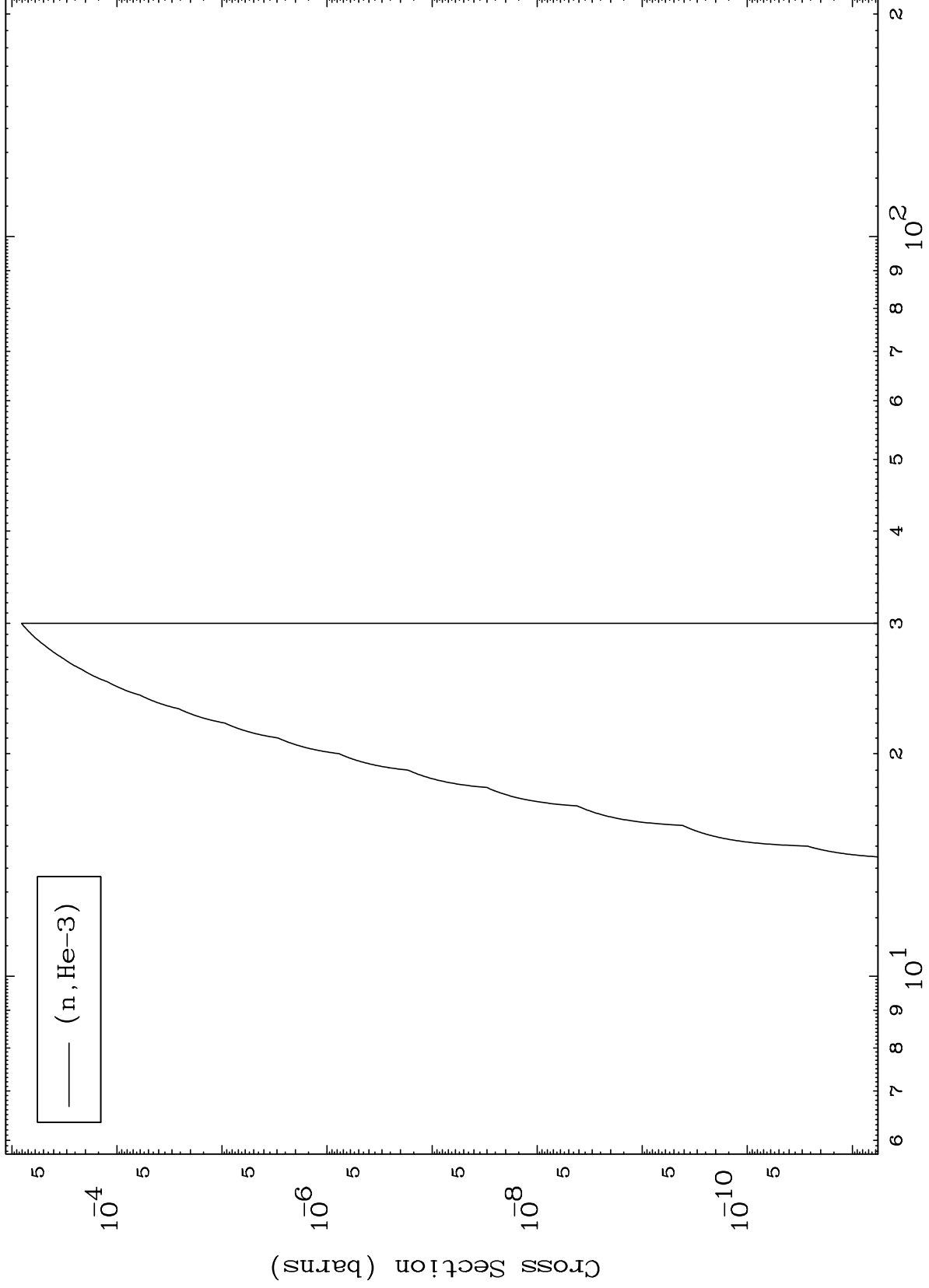
63-Eu-152



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(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-152



13

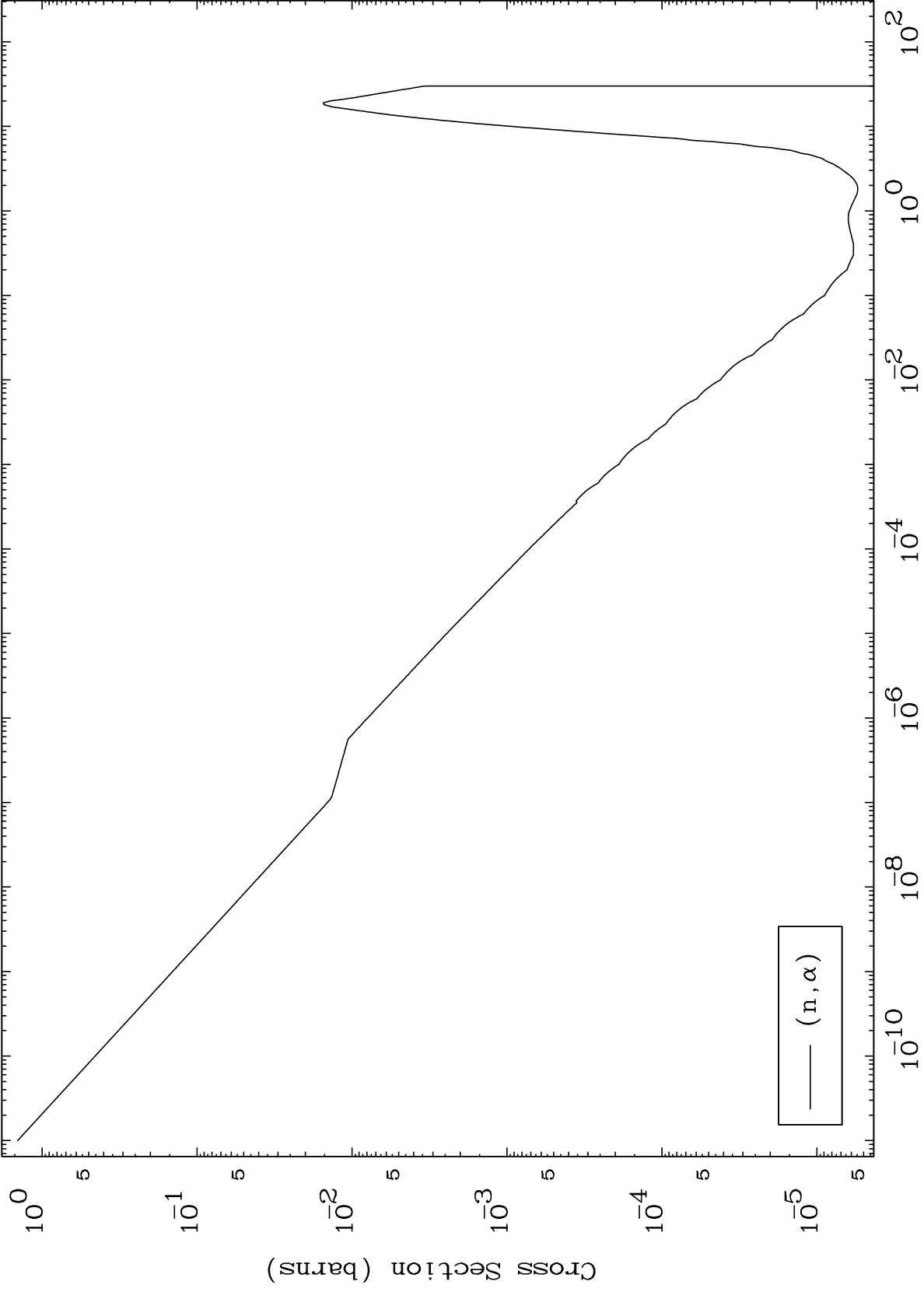
Incident Energy (MeV)

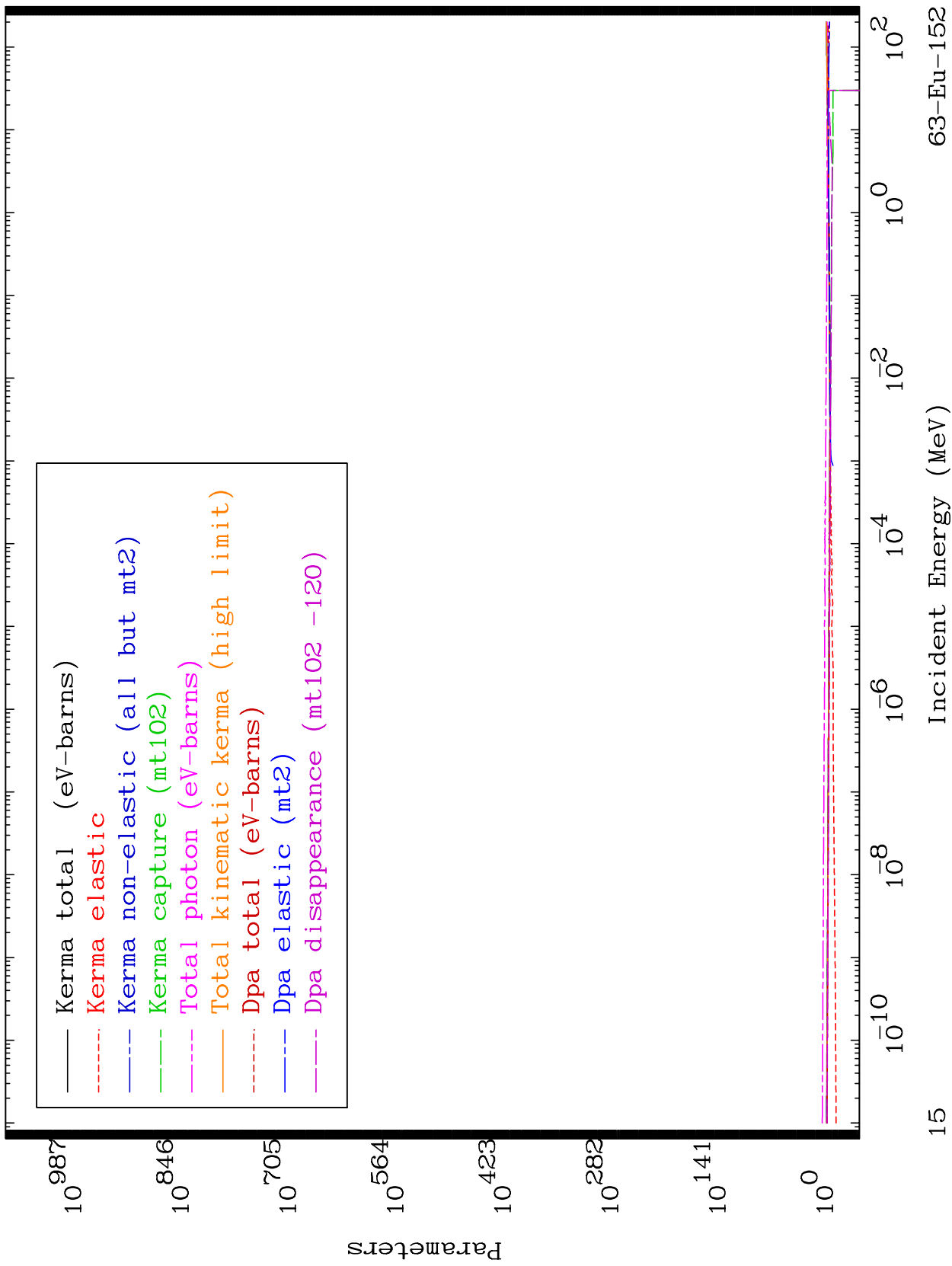
63-Eu-152

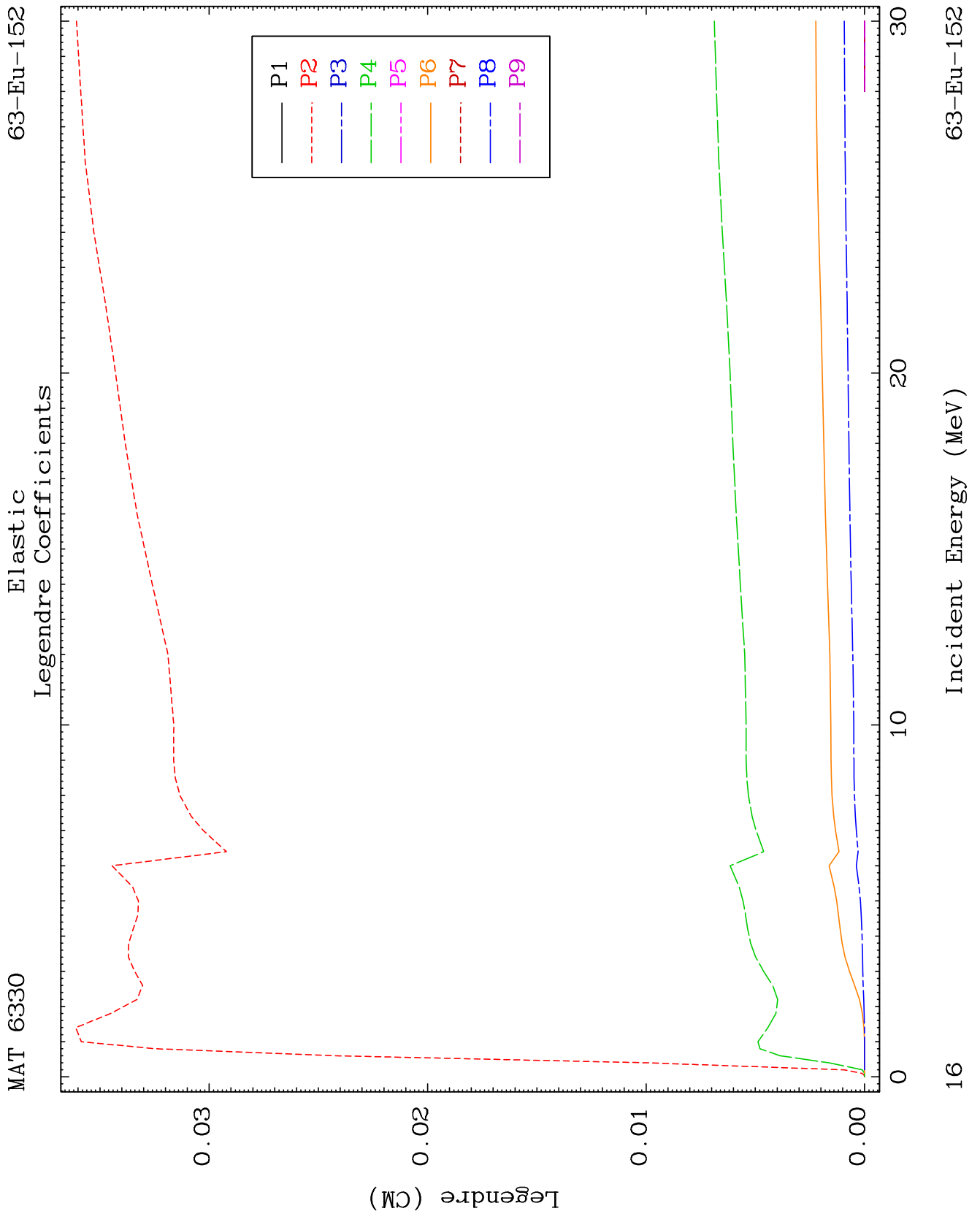
MAT 6330

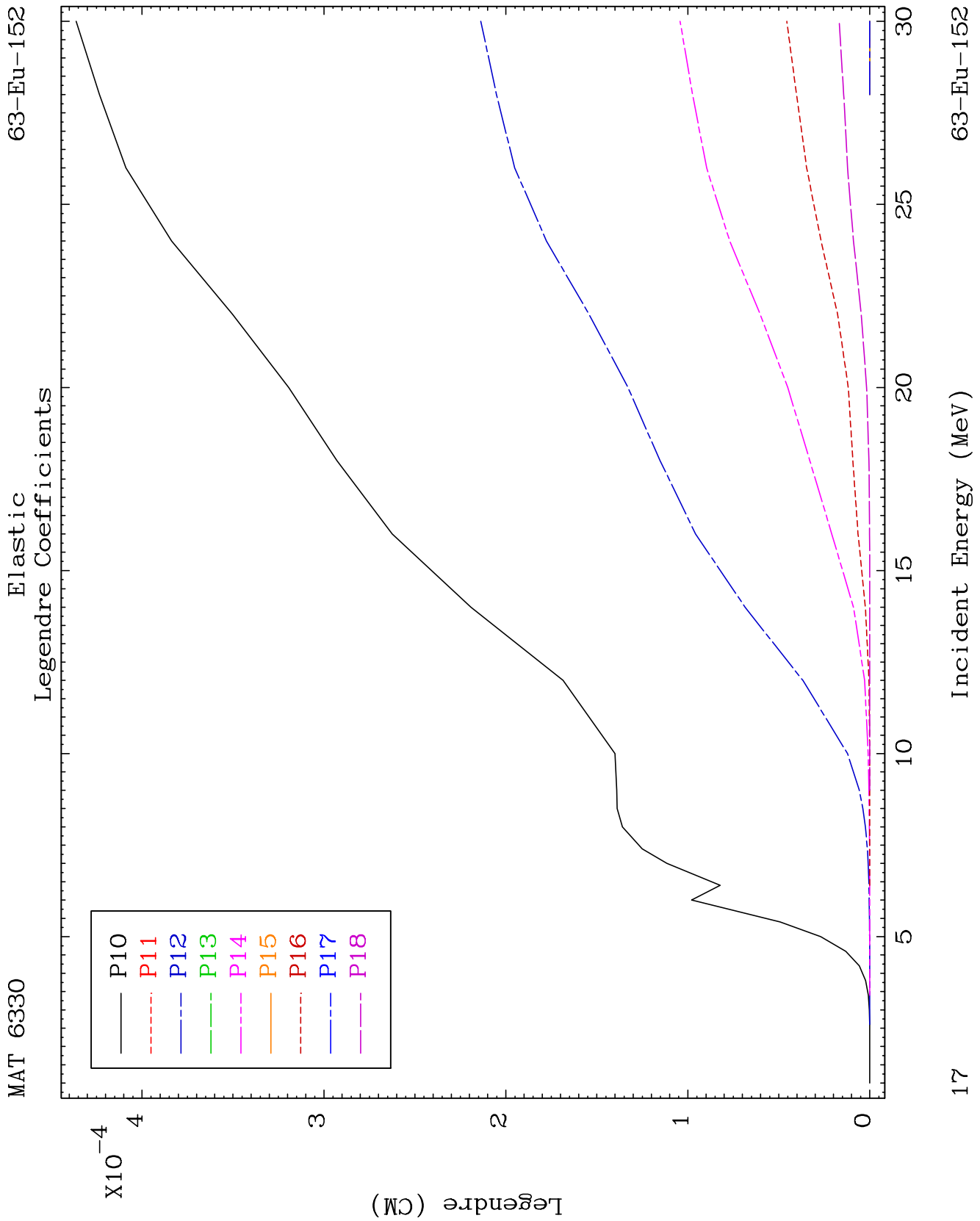
(n, α) Levels
293 Kelvin Cross Sections

63-Eu-152





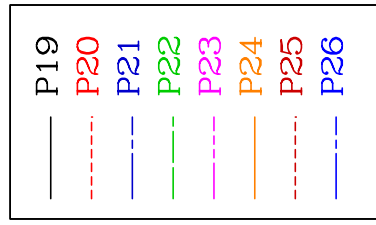




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Elastic
Legendre Coefficients

63-Eu-152



$\times 10^{-6}$

3

2

1

0

Legendre (CM)

15

20

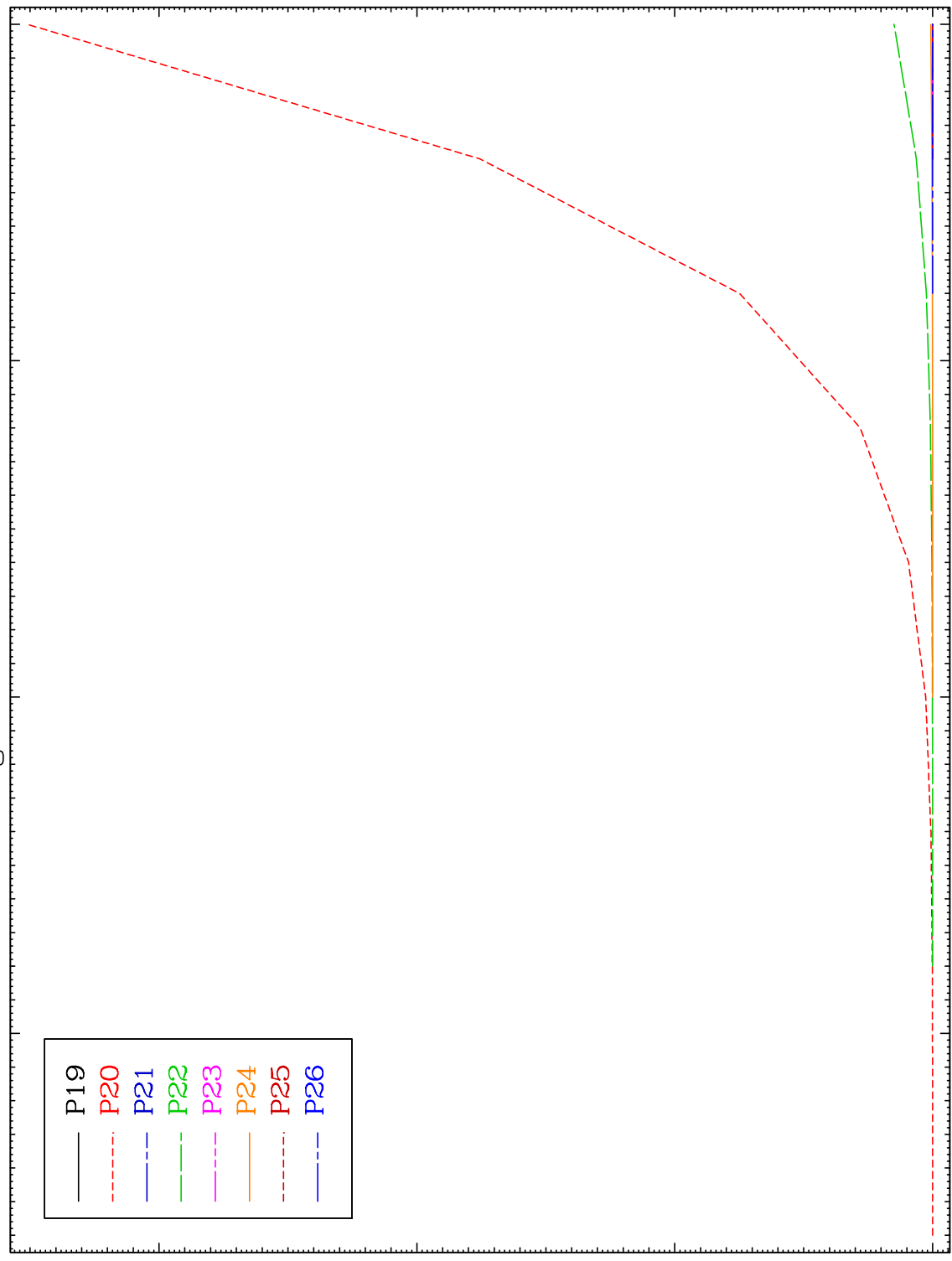
25

30

18

Incident Energy (MeV)

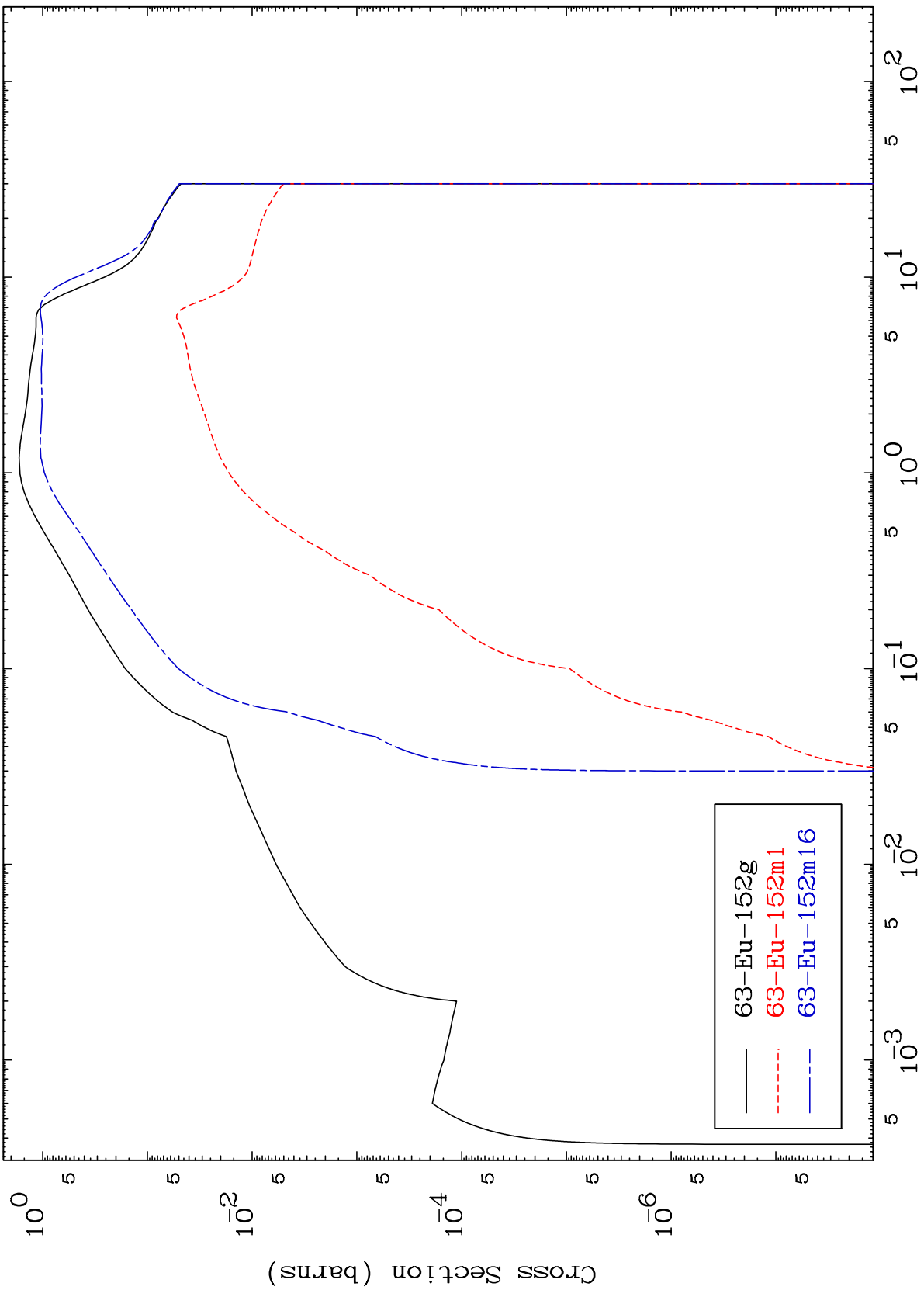
63-Eu-152



MAT 6330

63-Eu-152

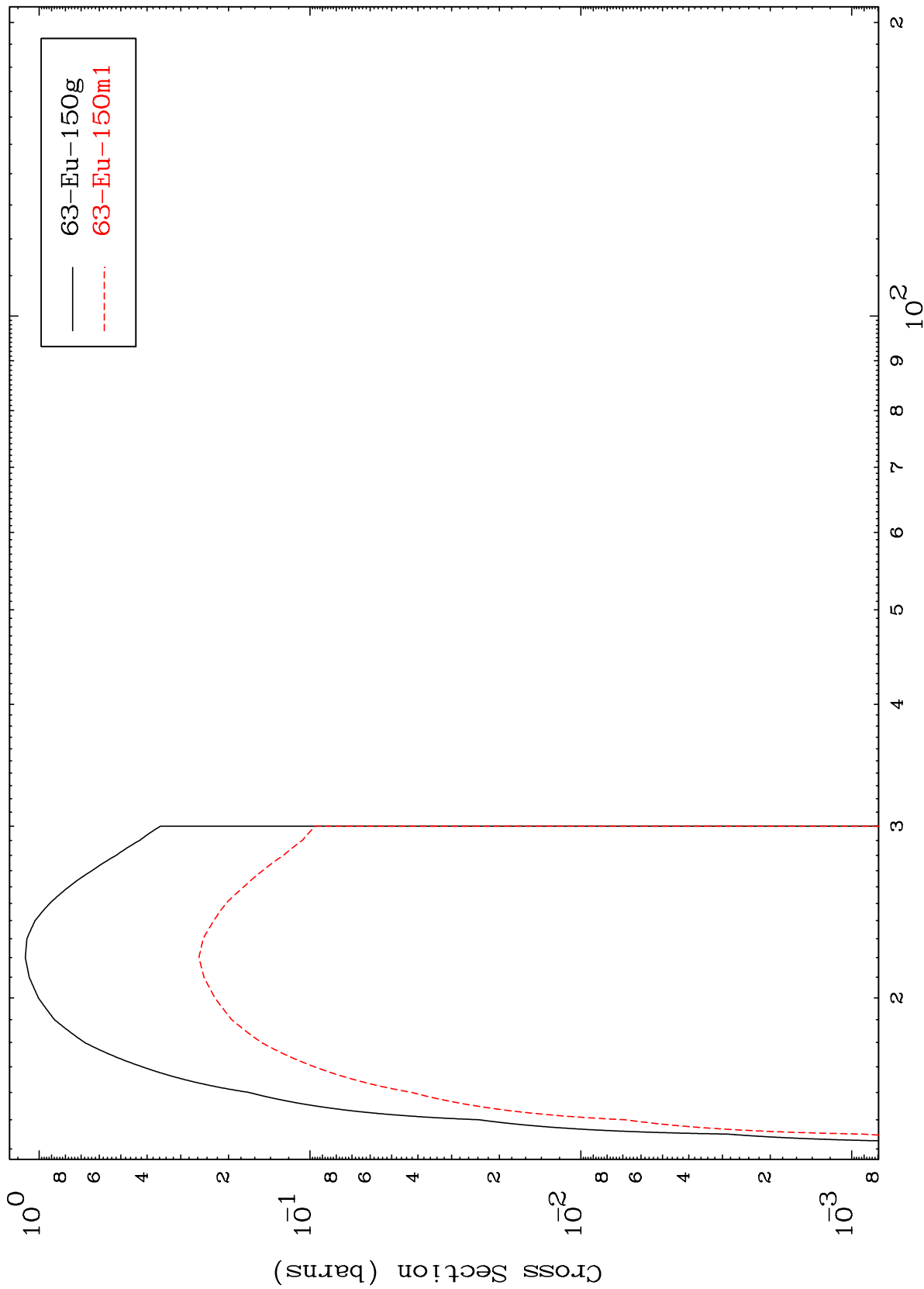
Inelastic
Radionuclide Production Cross Section



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63-Eu-152

(n,3n)
Radionuclide Production Cross Section



63-Eu-152

Incident Energy (MeV)

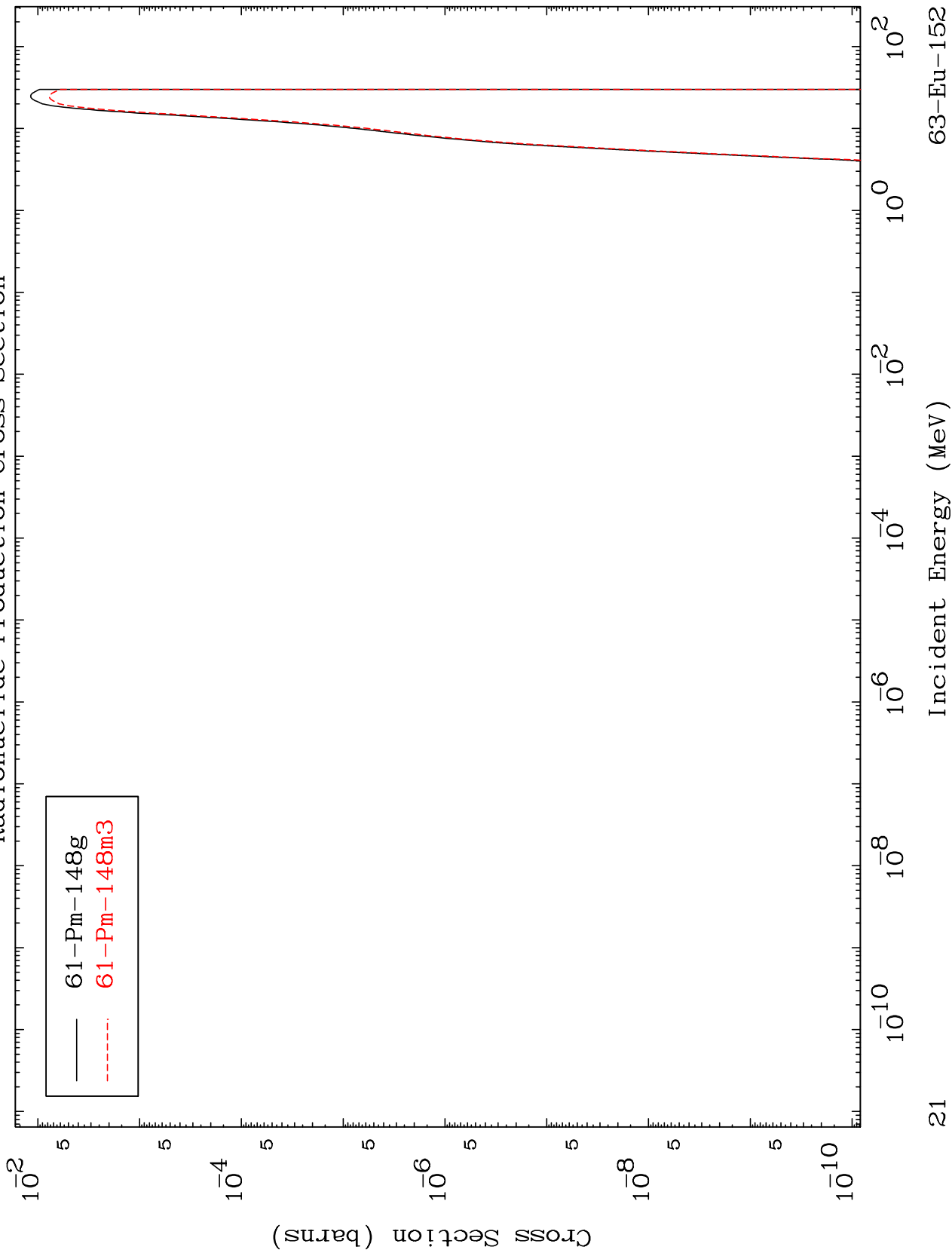
20

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$(n, n') \alpha$

63-Eu-152

Radionuclide Production Cross Section



MAT 6330

(n,n') 2 α

63-Eu-152

Radionuclide Production Cross Section

