

Program EVALPLOT
(Version 2017-1)

by

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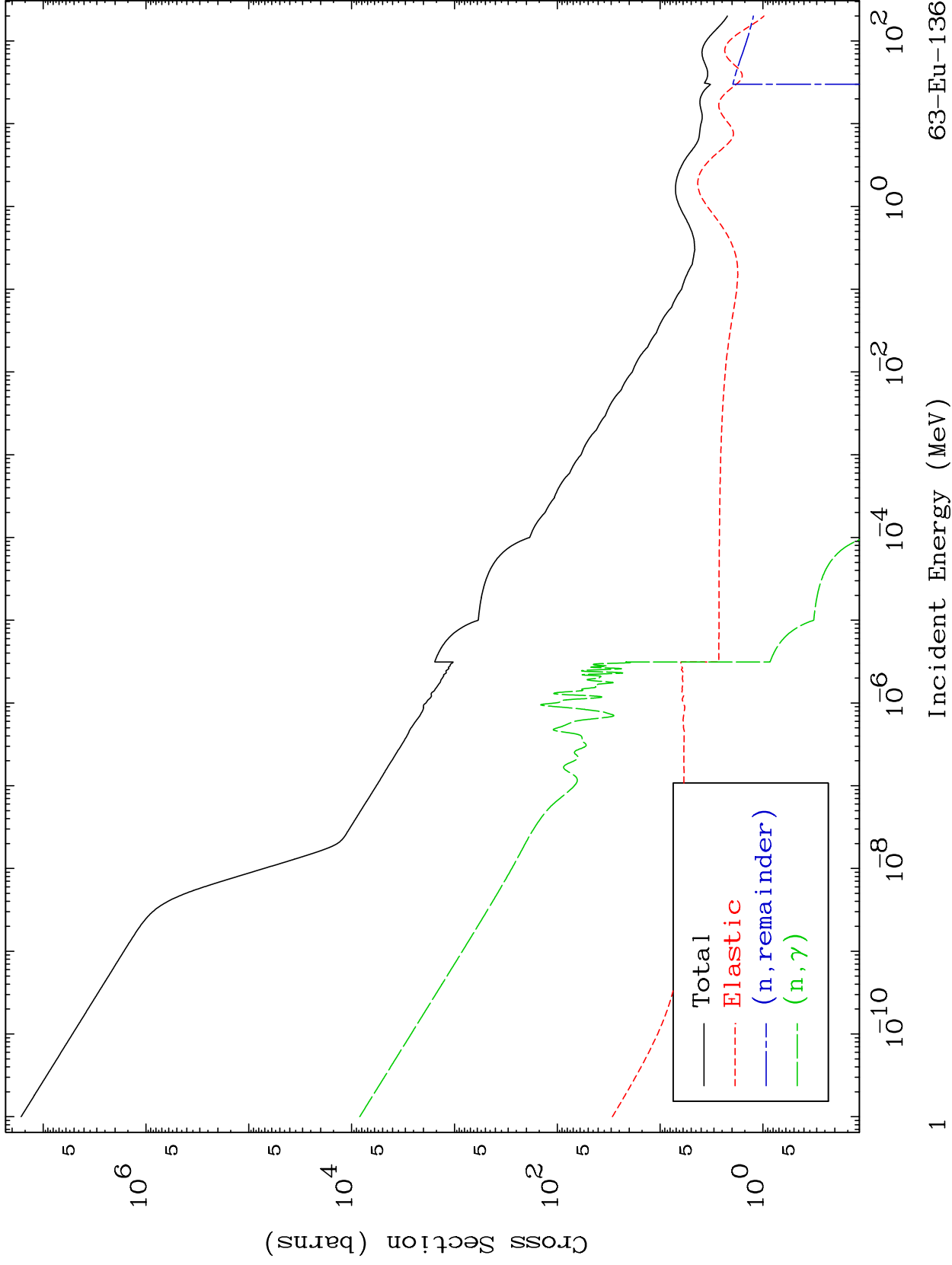
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6280

Major
293 Kelvin Cross Sections

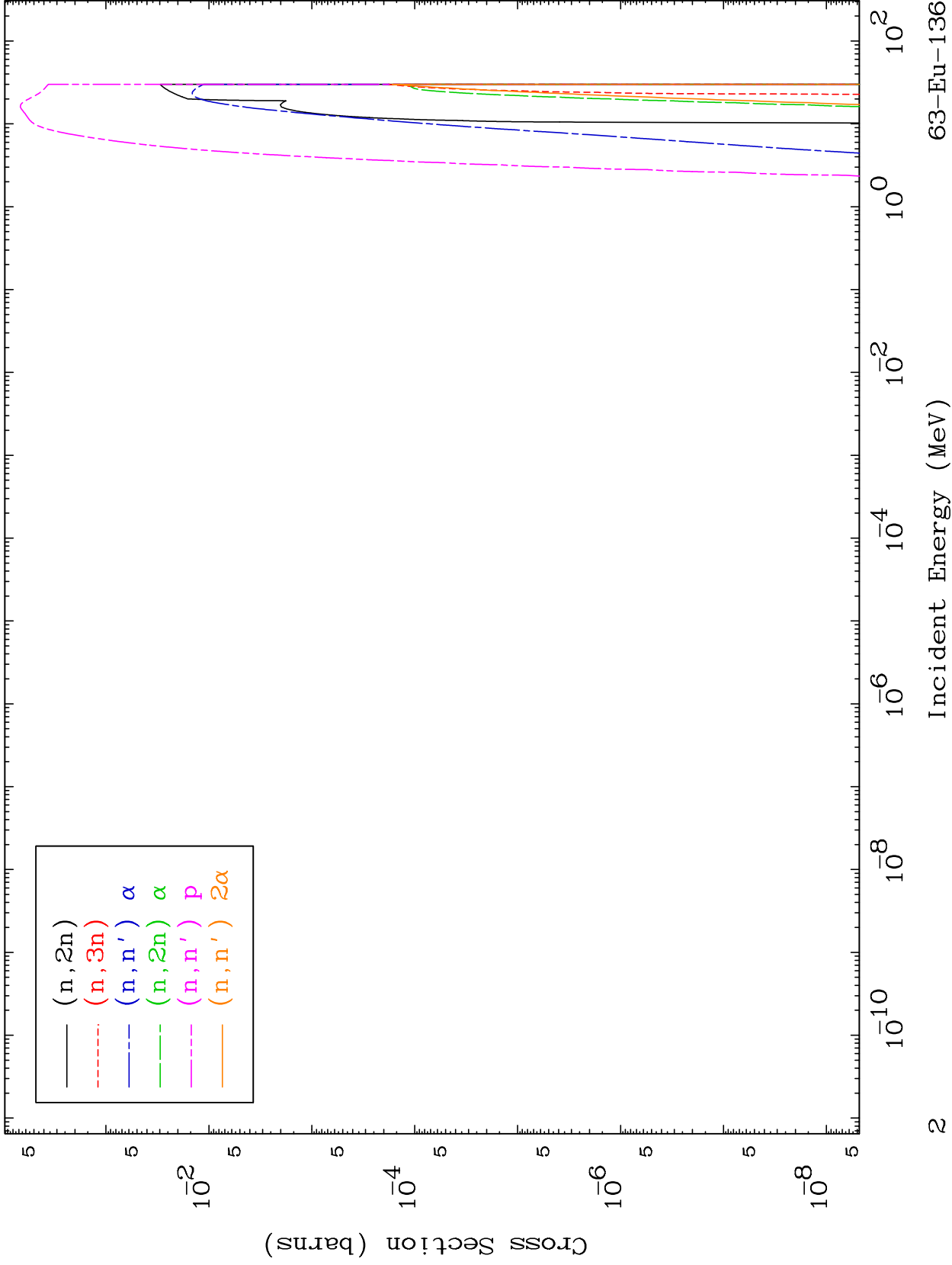
63-Eu-136

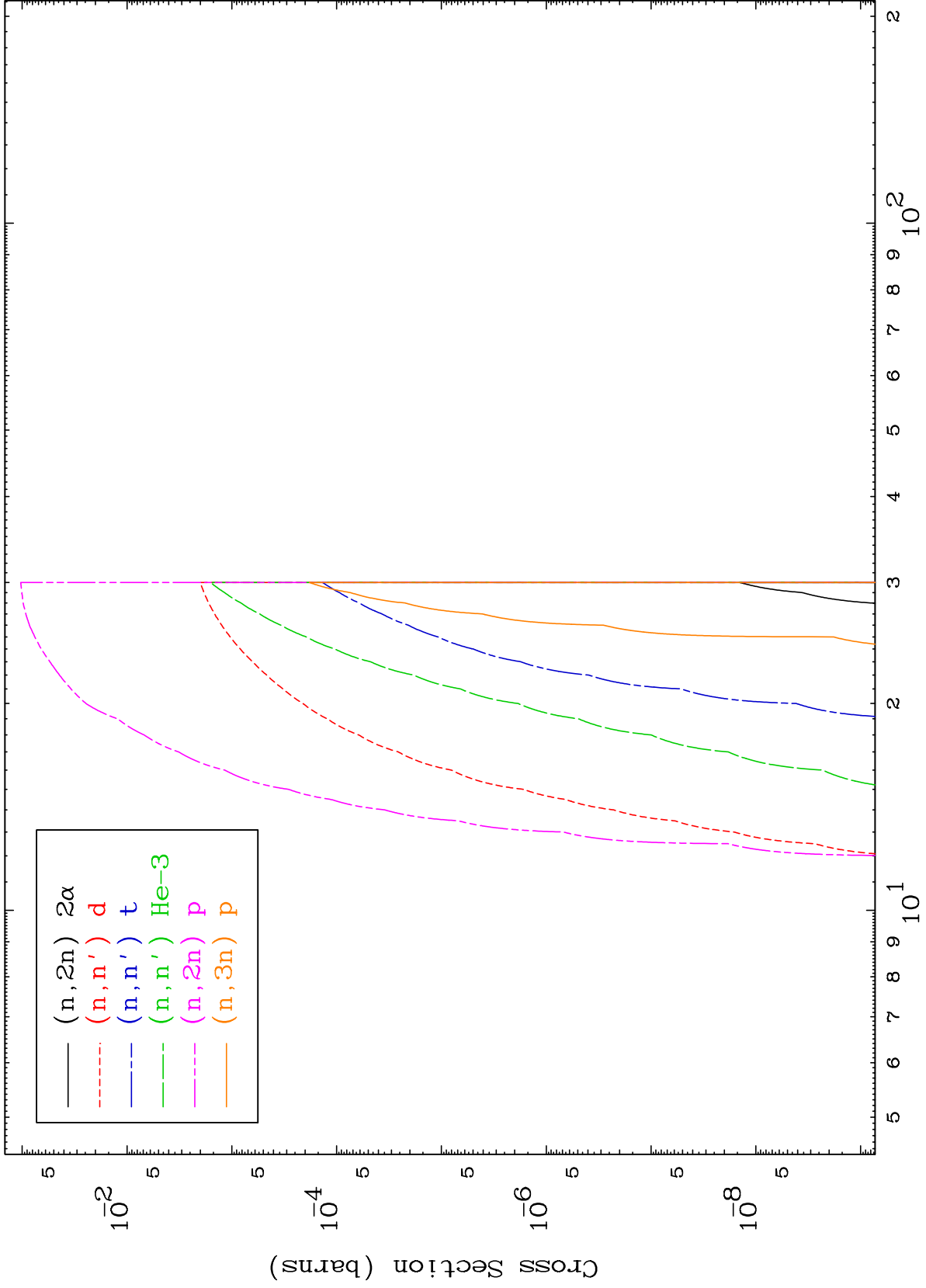


MAT 6280

Neutron Production
293 Kelvin Cross Sections

63-Eu-136

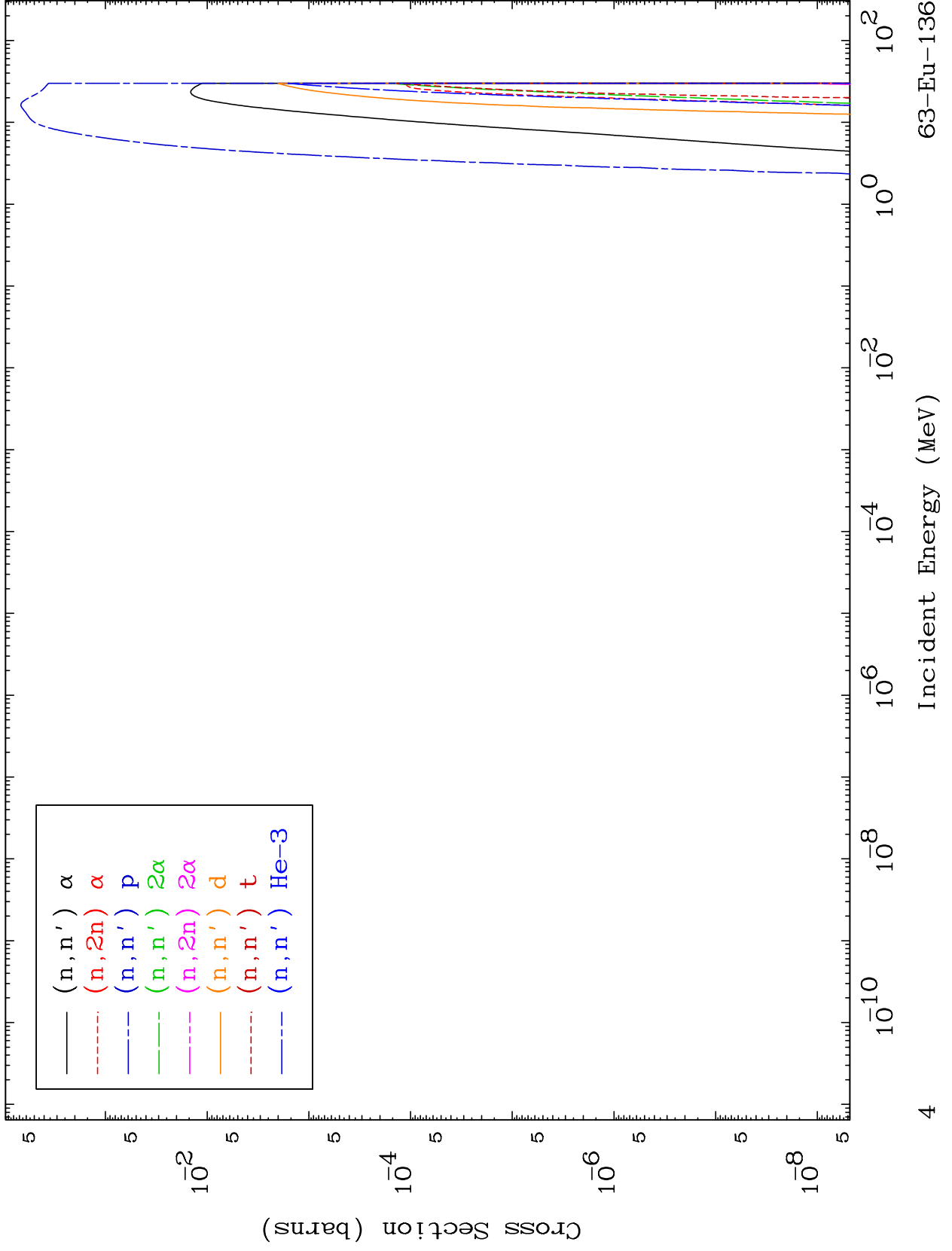




MAT 6280

Charged Particle
293 Kelvin Cross Sections

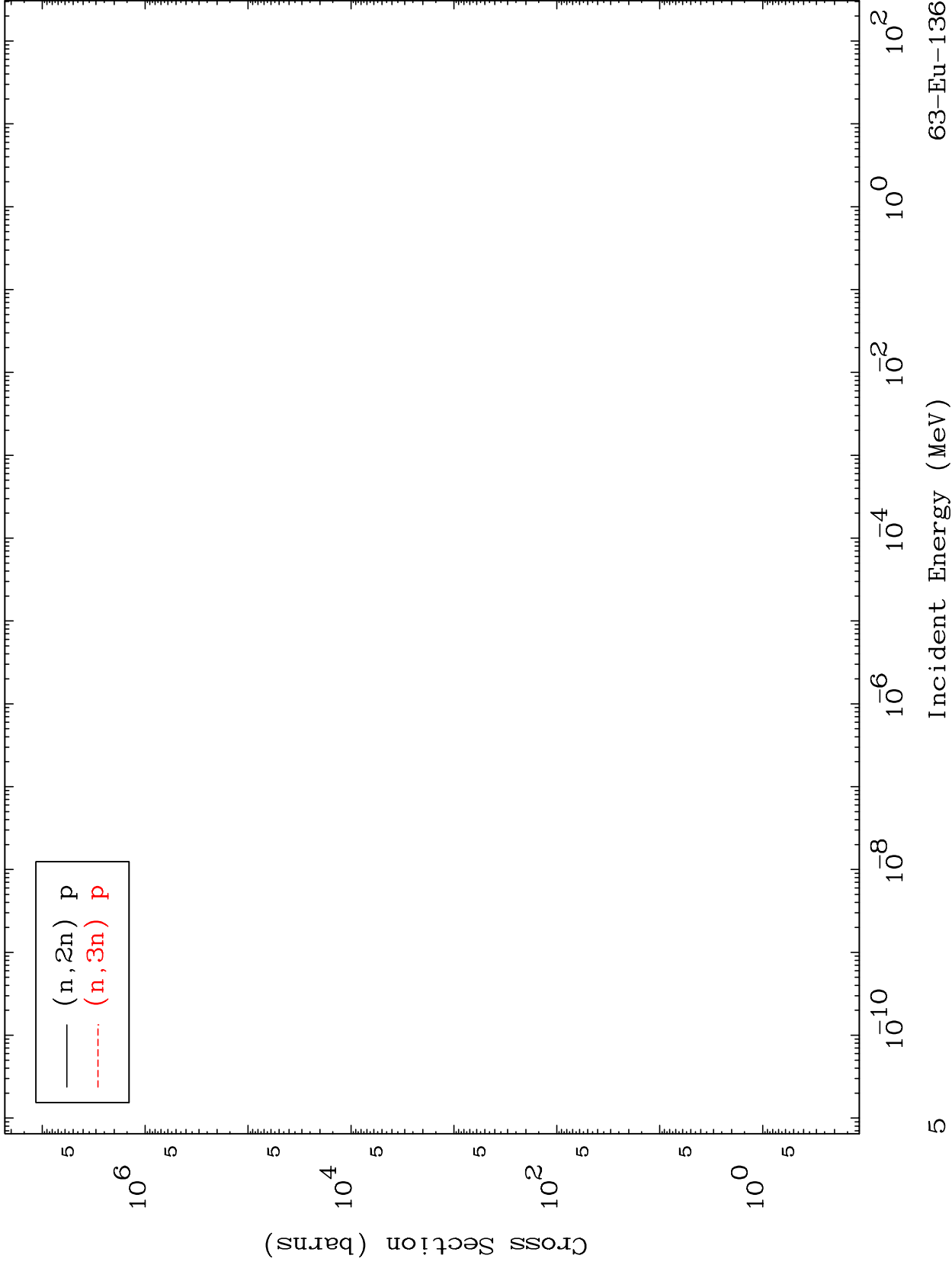
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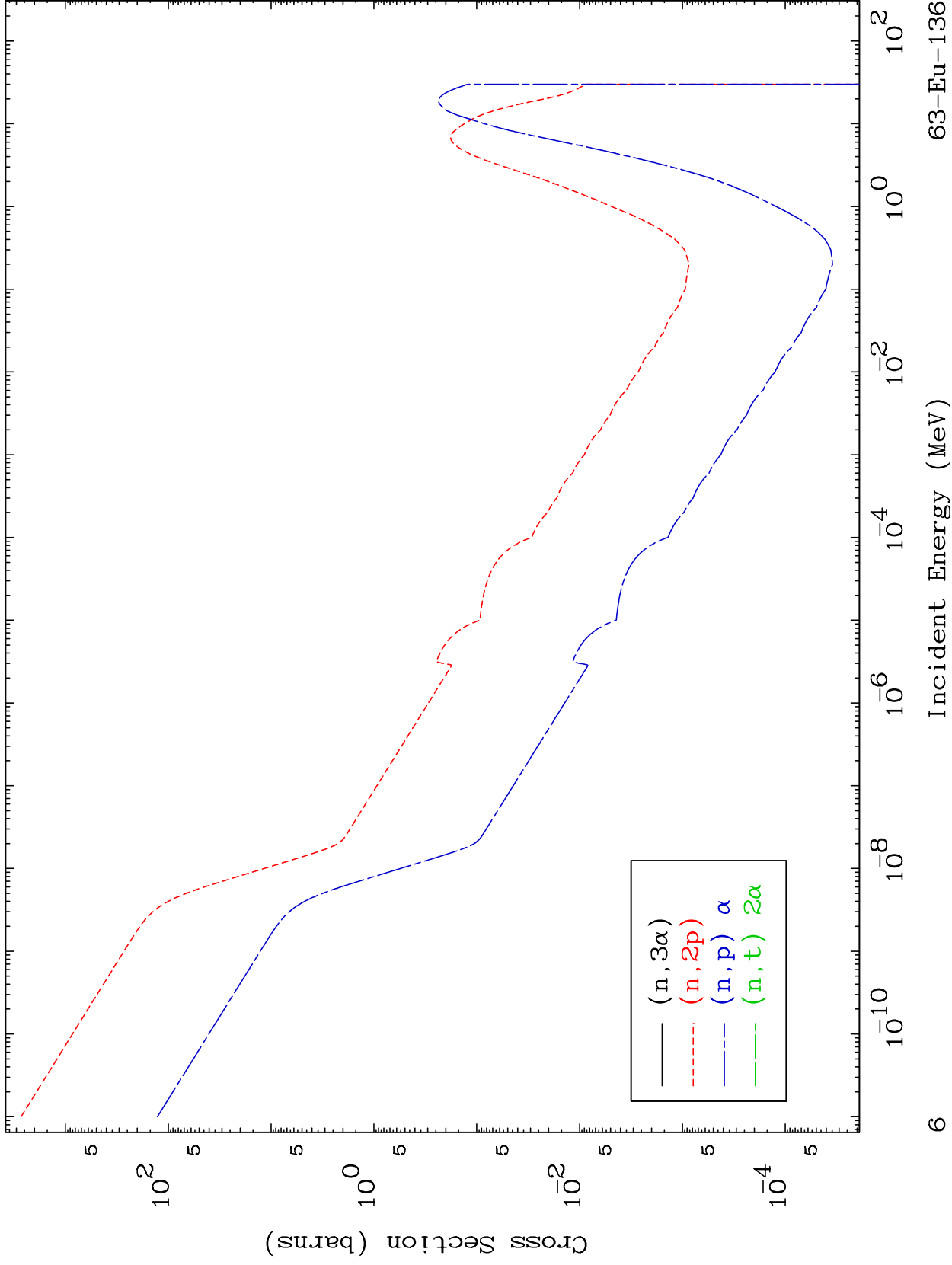


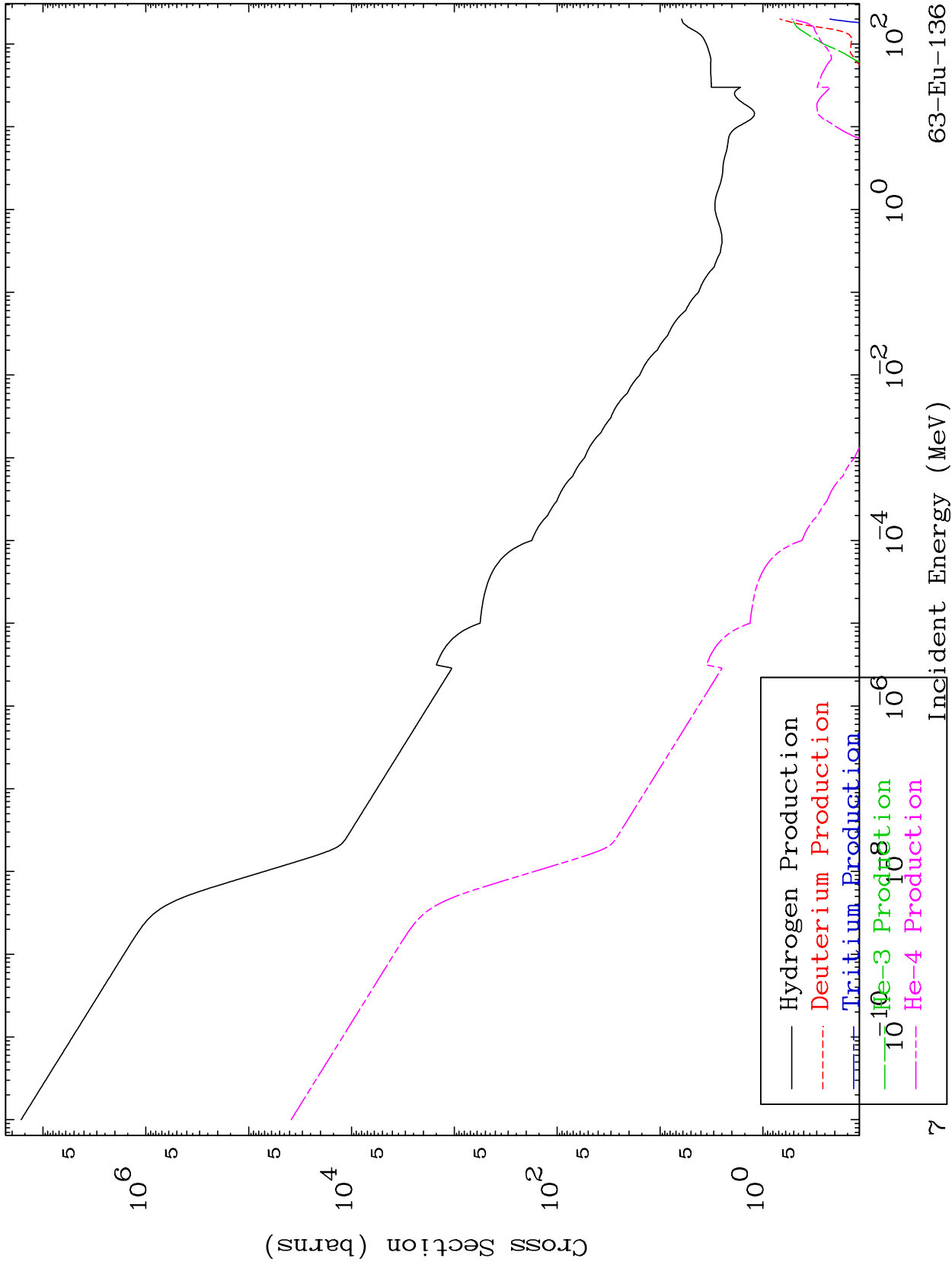
MAT 6280

Charged Particle
293 Kelvin Cross Sections

63-Eu-136



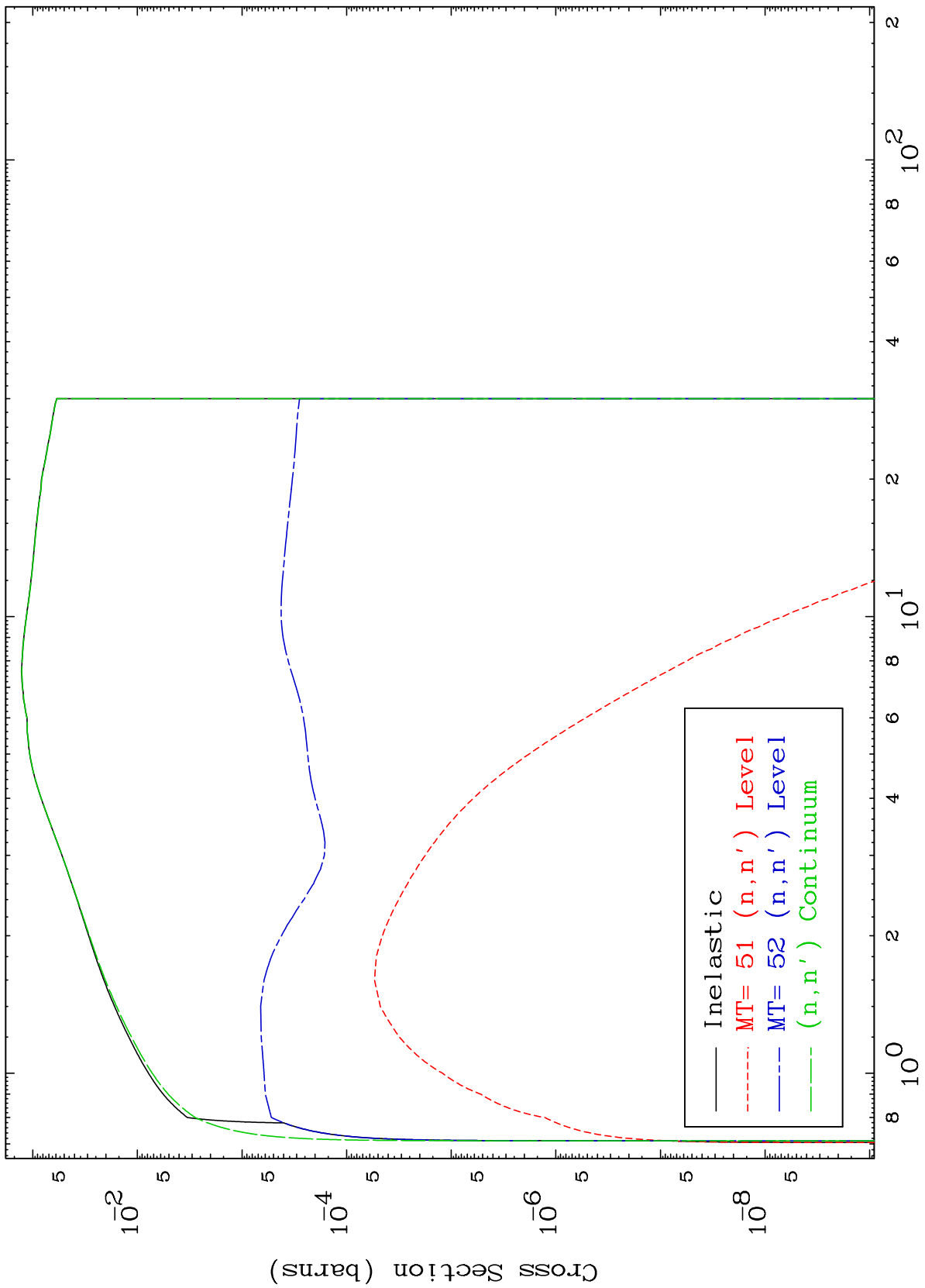




MAT 6280

63-Eu-136

(n,n') Level
293 Kelvin Cross Sections



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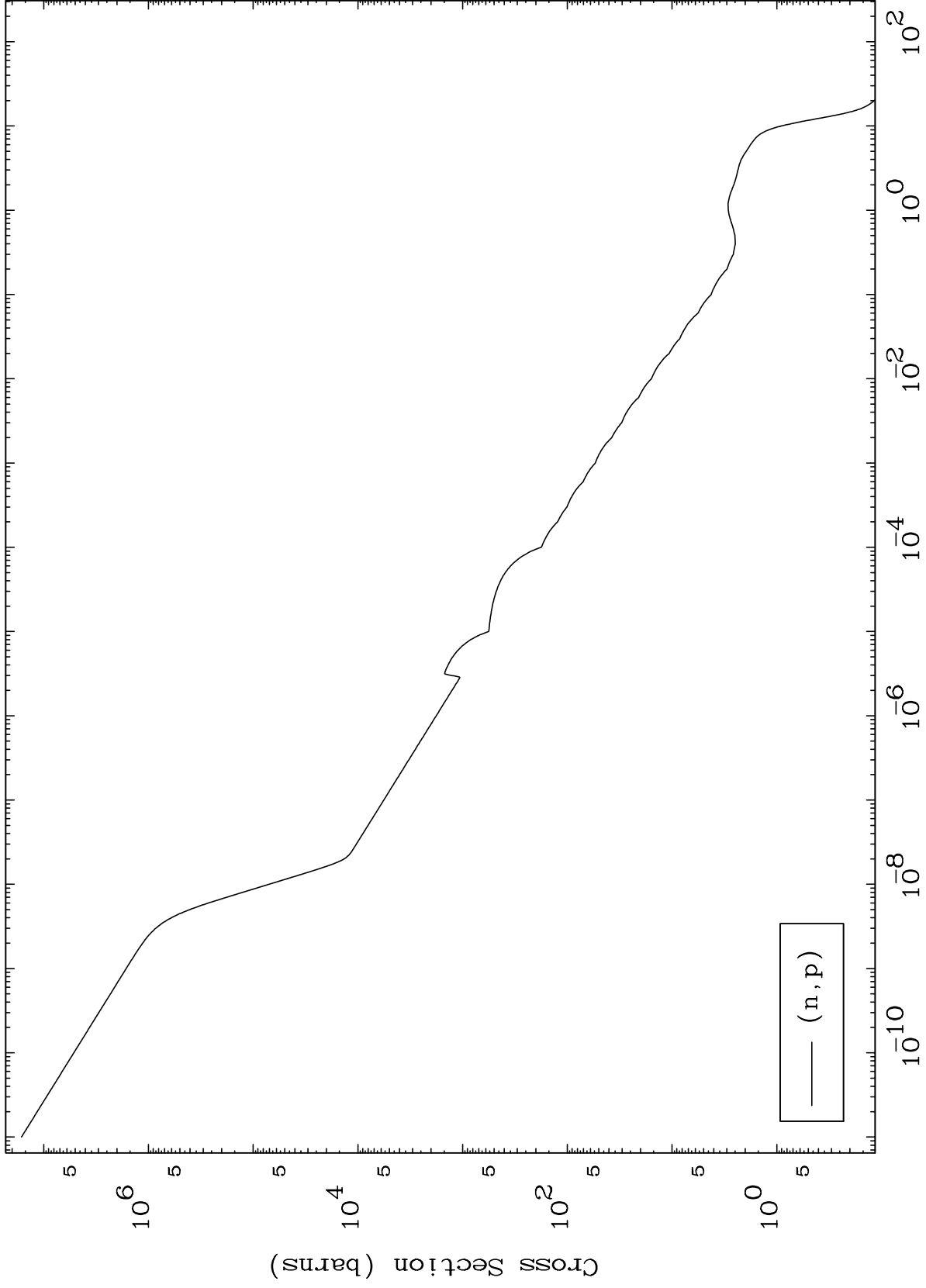
Incident Energy (MeV)

63-Eu-136

MAT 6280

(n,p) Levels
293 Kelvin Cross Sections

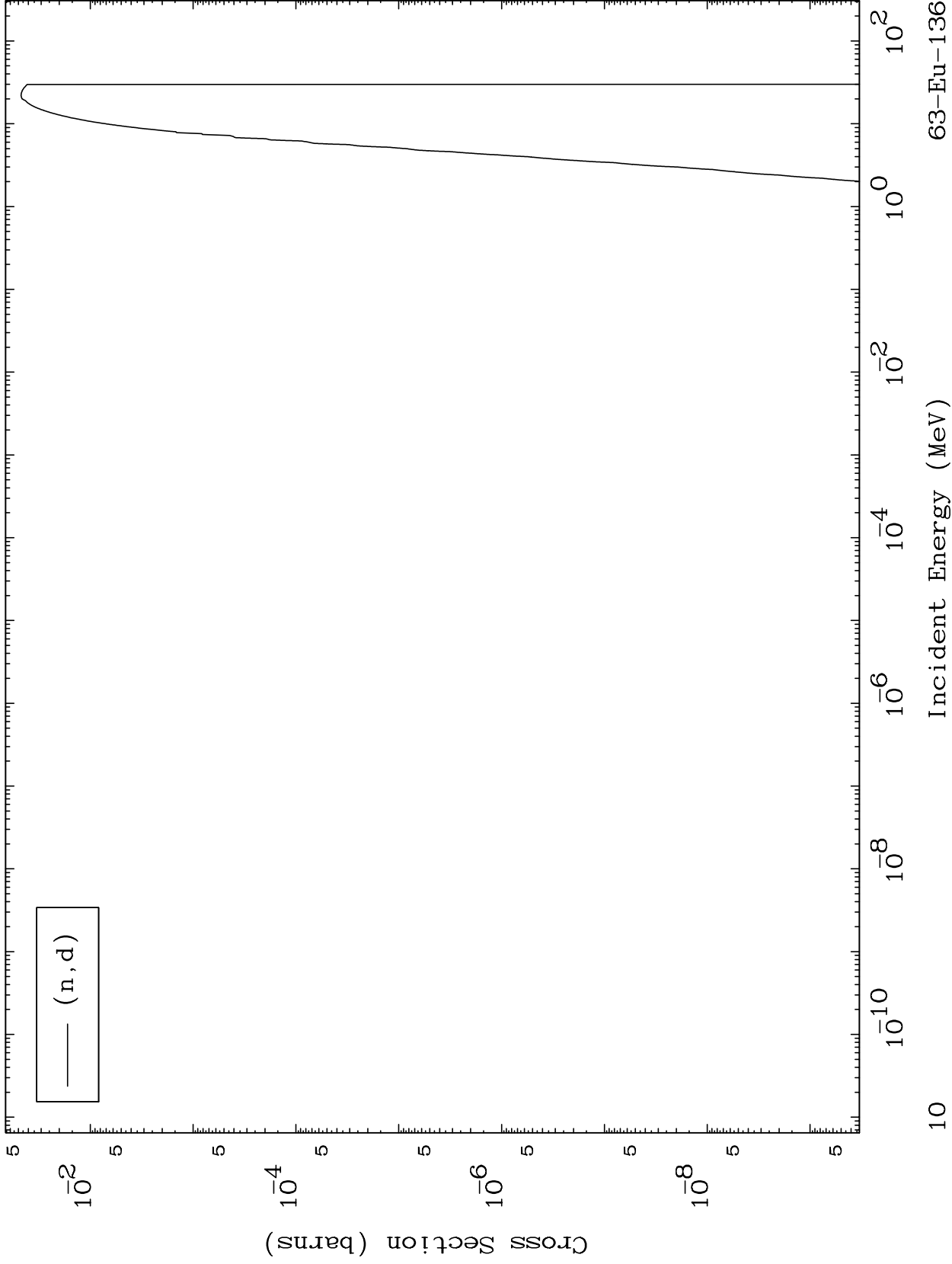
63-Eu-136



MAT 6280

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-136



63-Eu-136

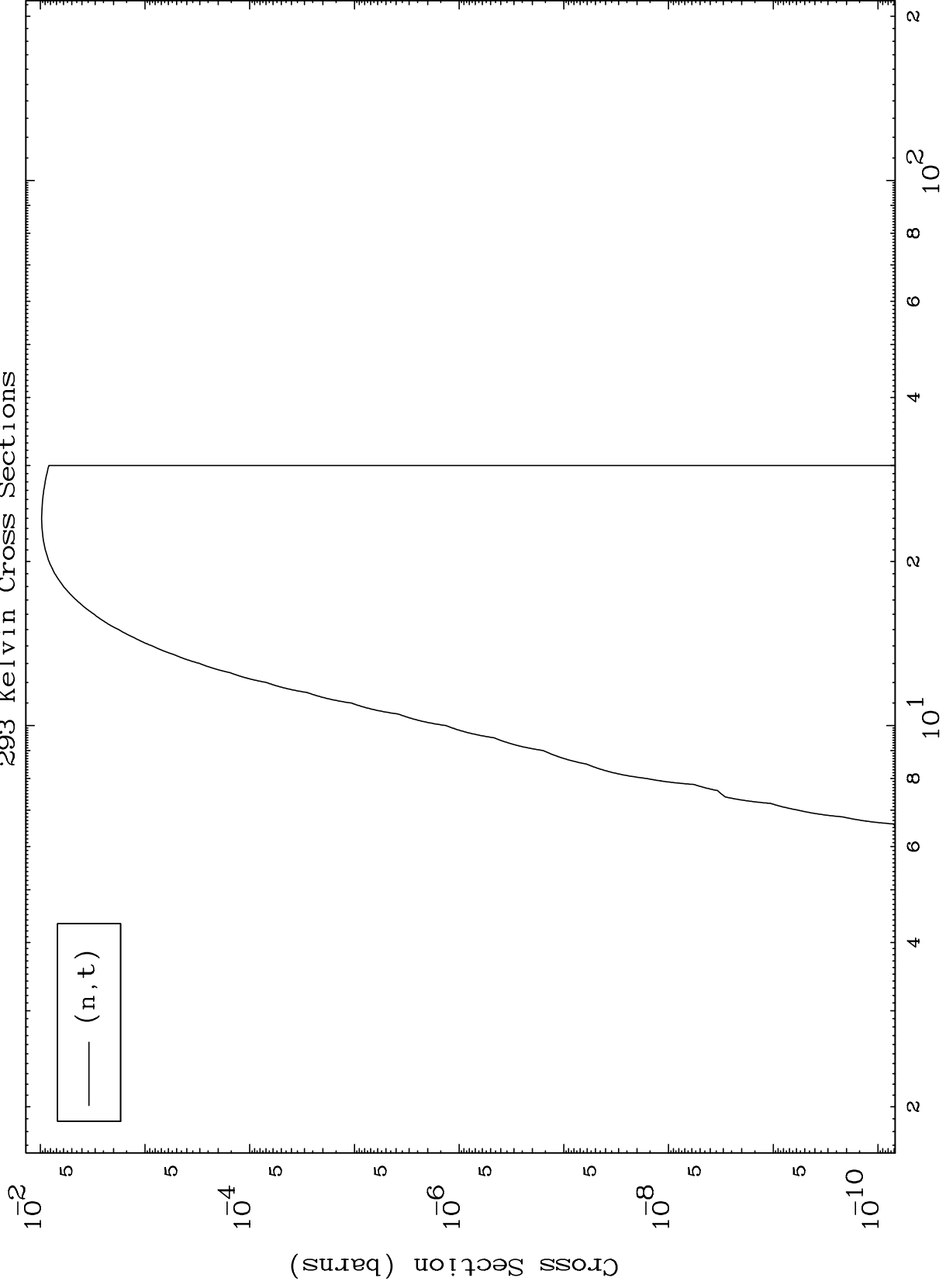
Incident Energy (MeV)

10

MAT 6280

(n,t) Levels
293 Kelvin Cross Sections

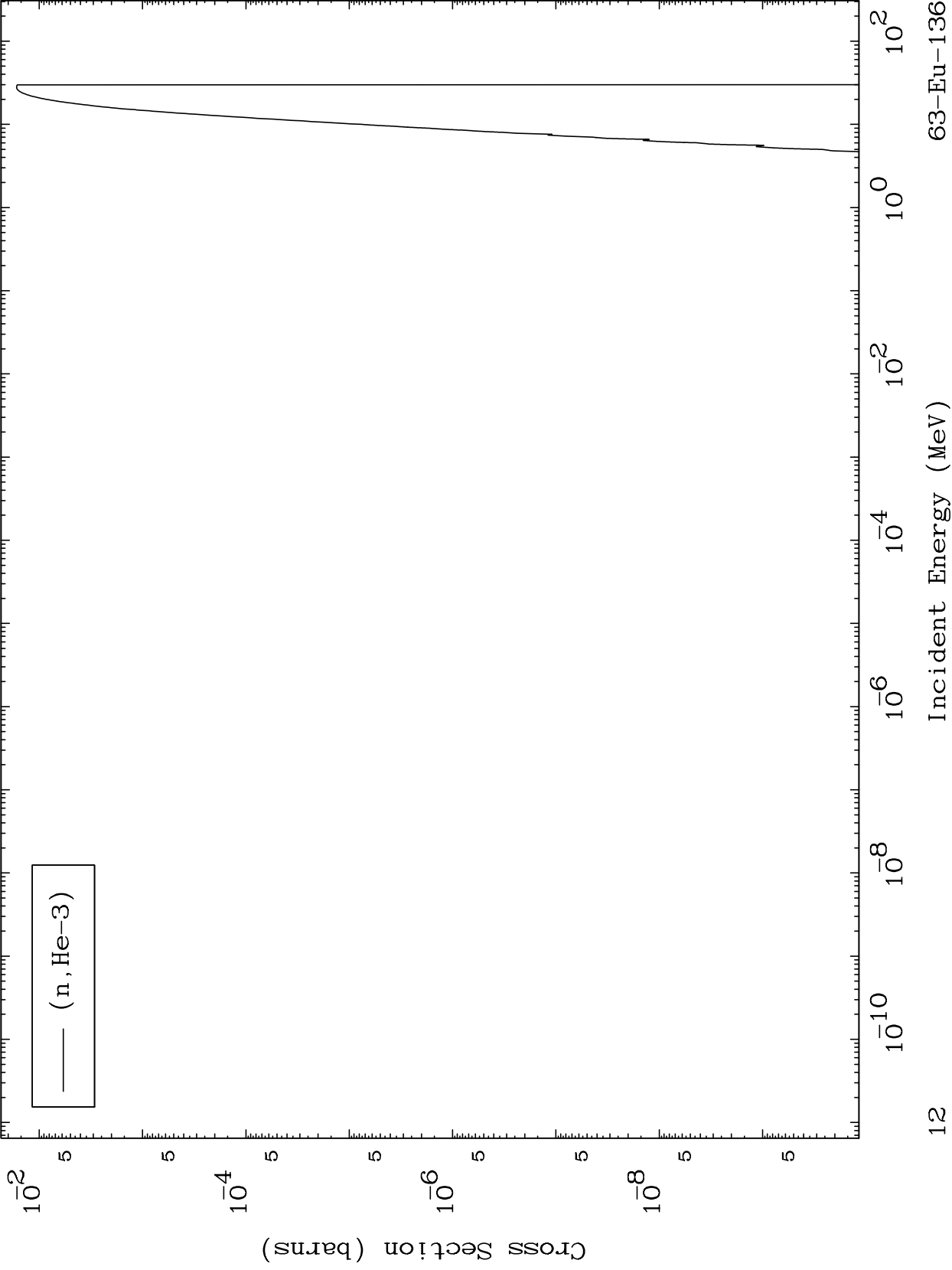
63-Eu-136



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(n,He3) Levels
293 Kelvin Cross Sections

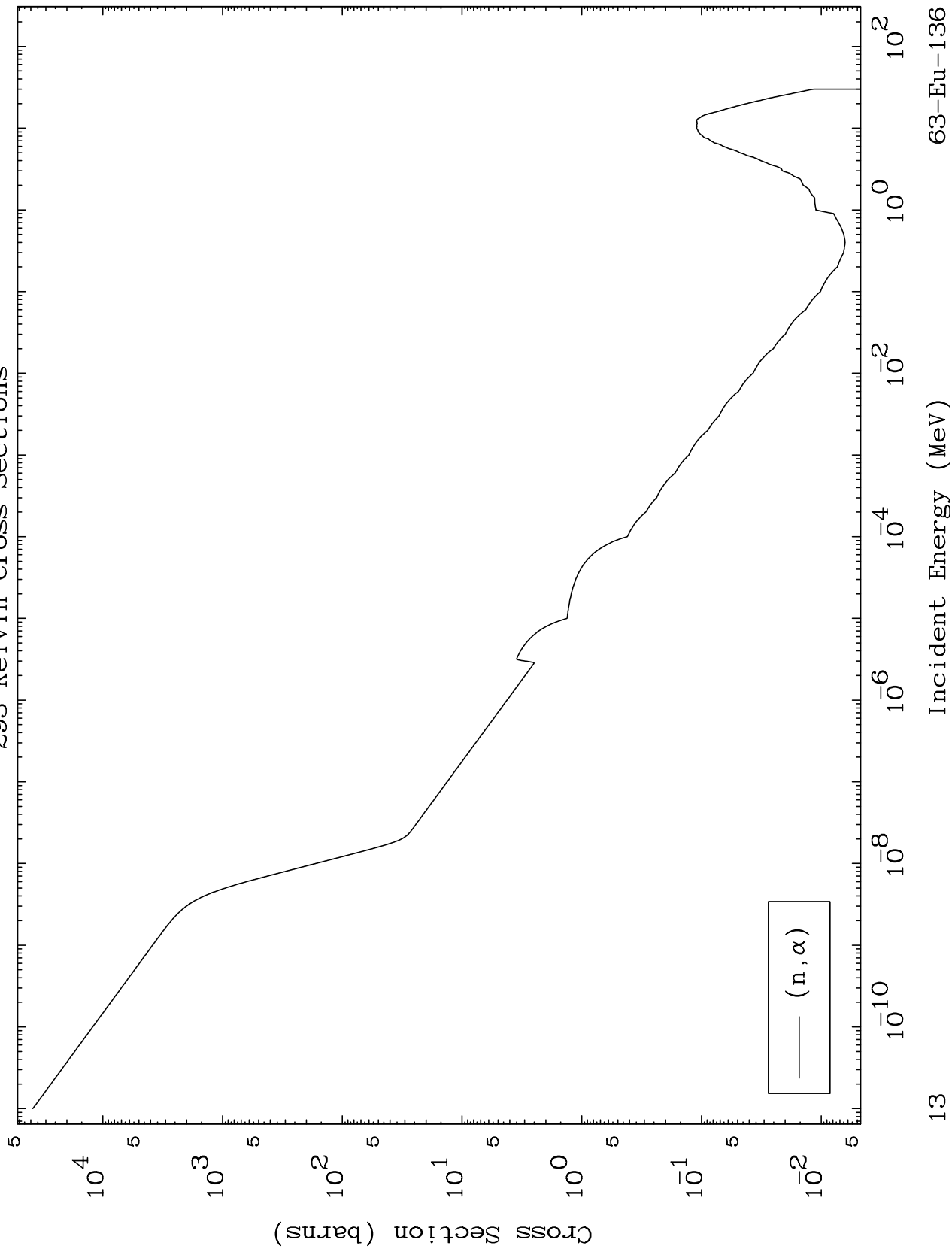
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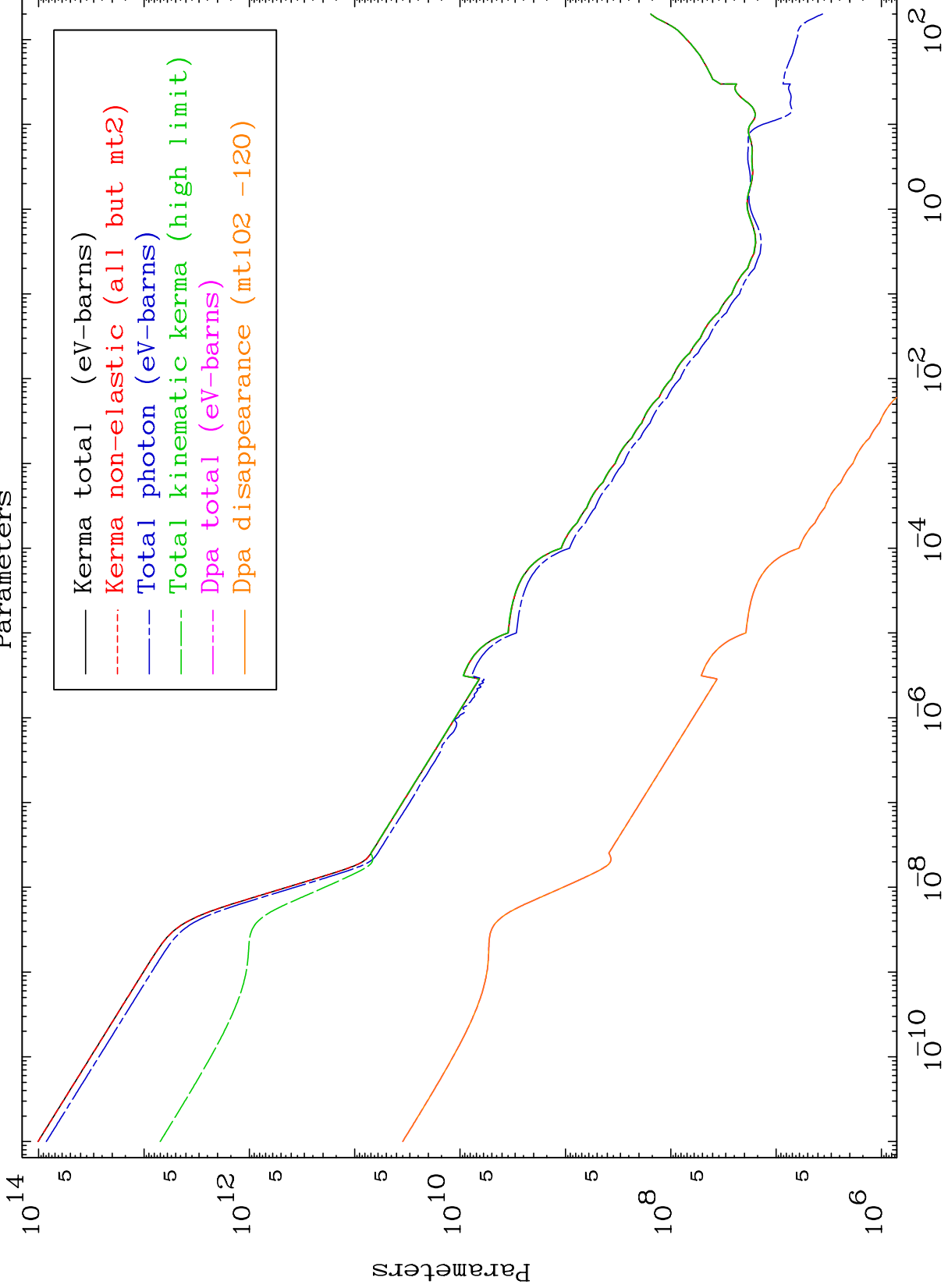


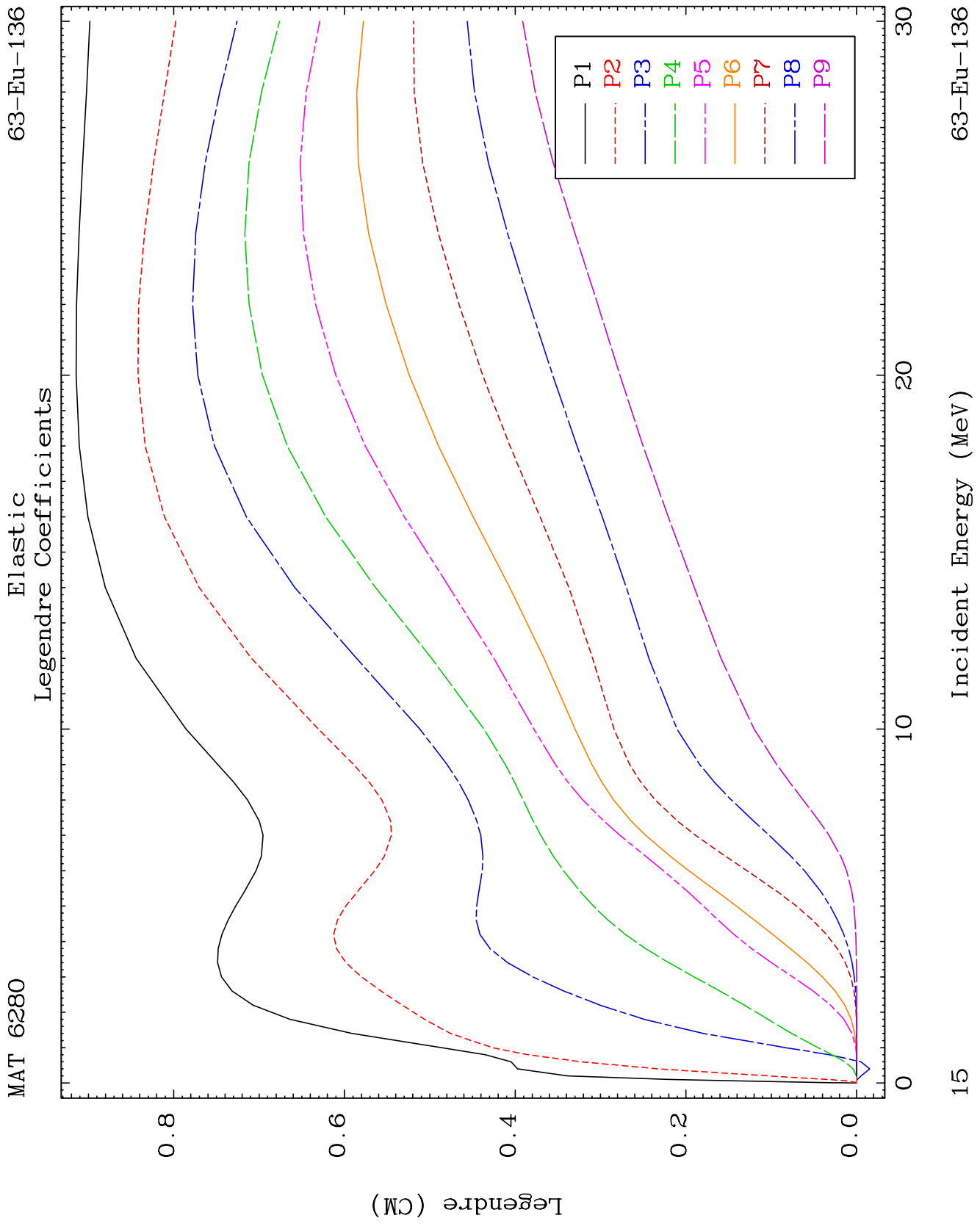
MAT 6280

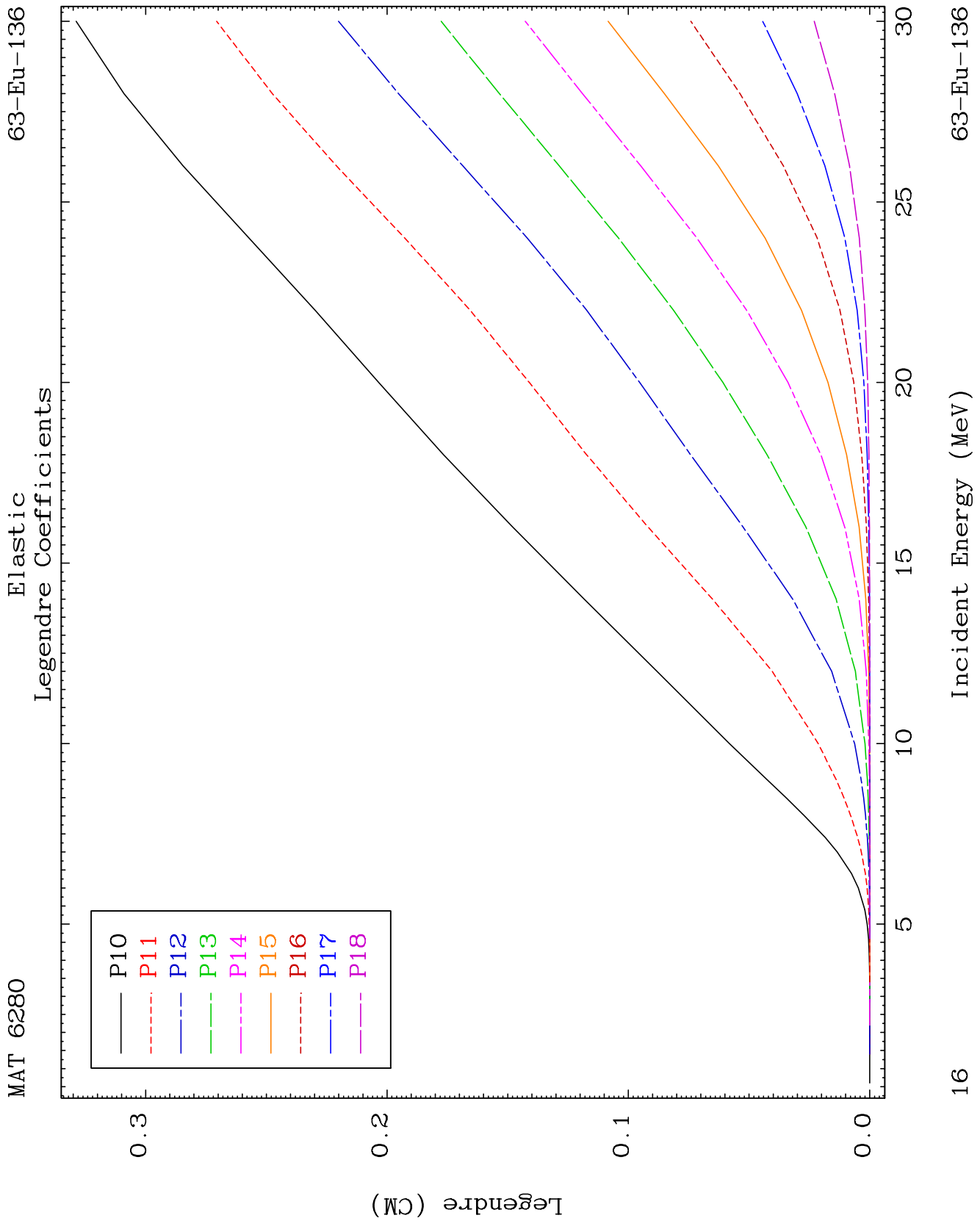
(n,α) Levels
293 Kelvin Cross Sections

63-Eu-136





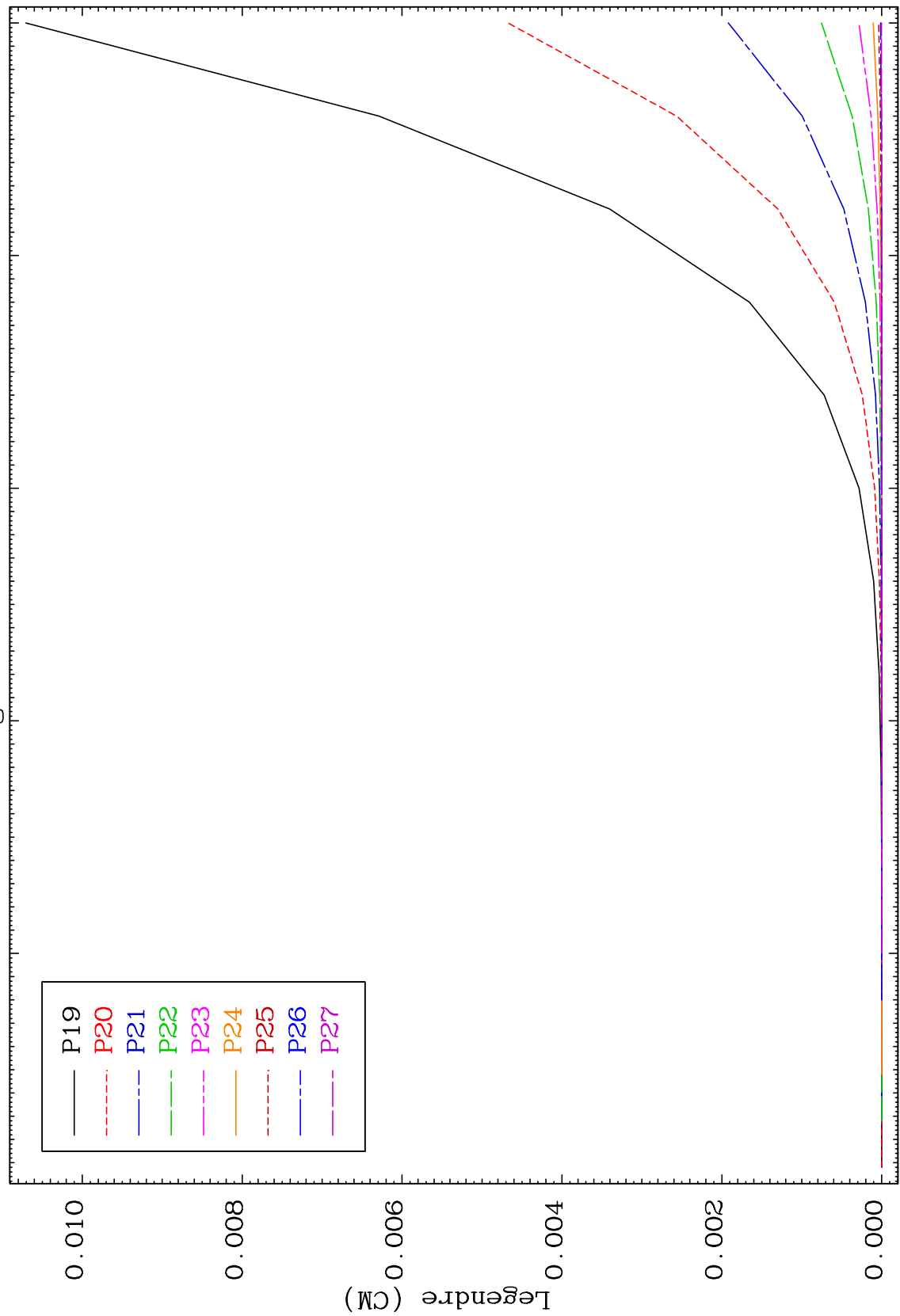




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Elastic Legendre Coefficients

63-Eu-136



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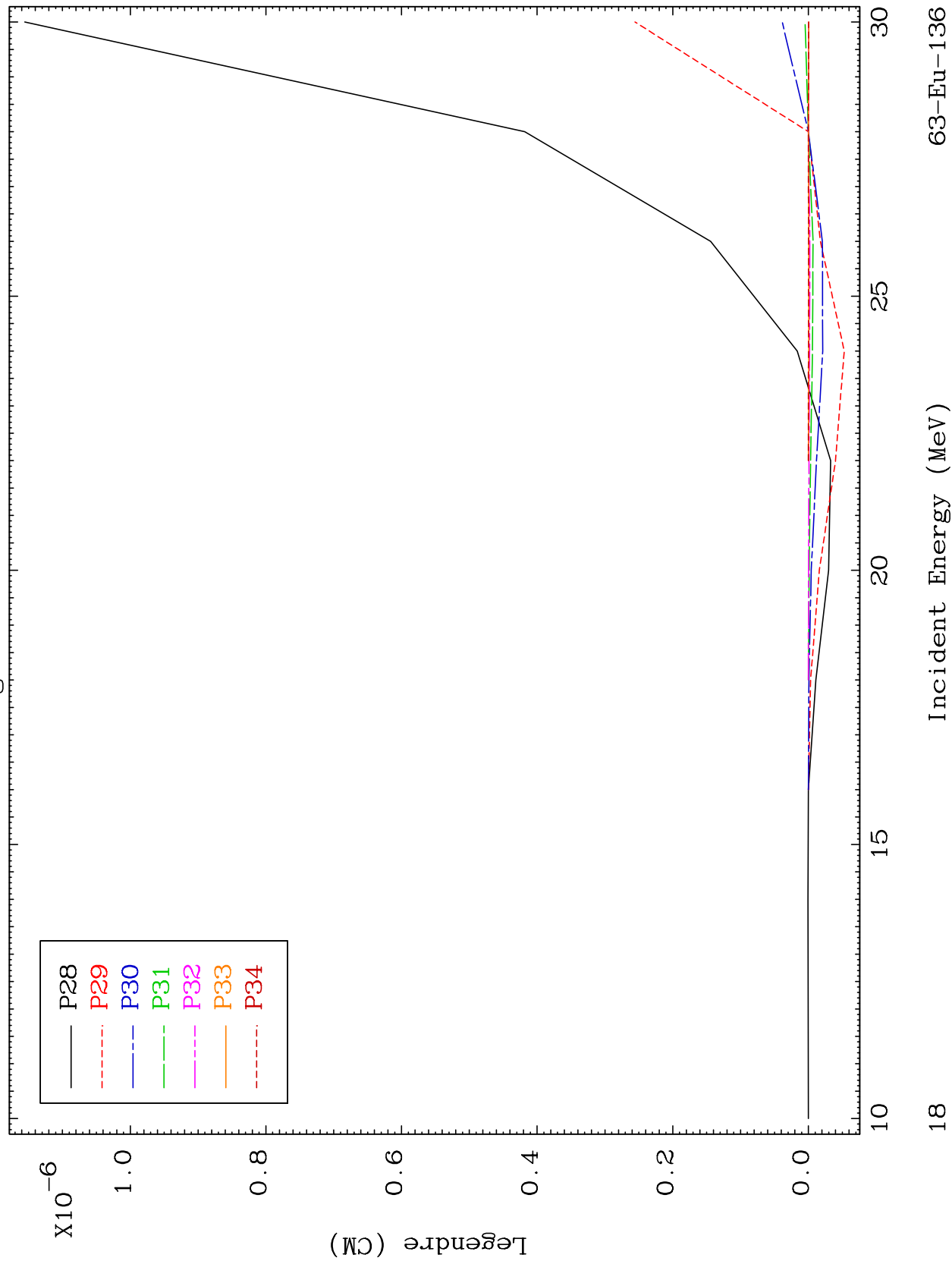
Incident Energy (MeV)

63-Eu-136

MAT 6280

Elastic Legendre Coefficients

63-Eu-136



63-Eu-136

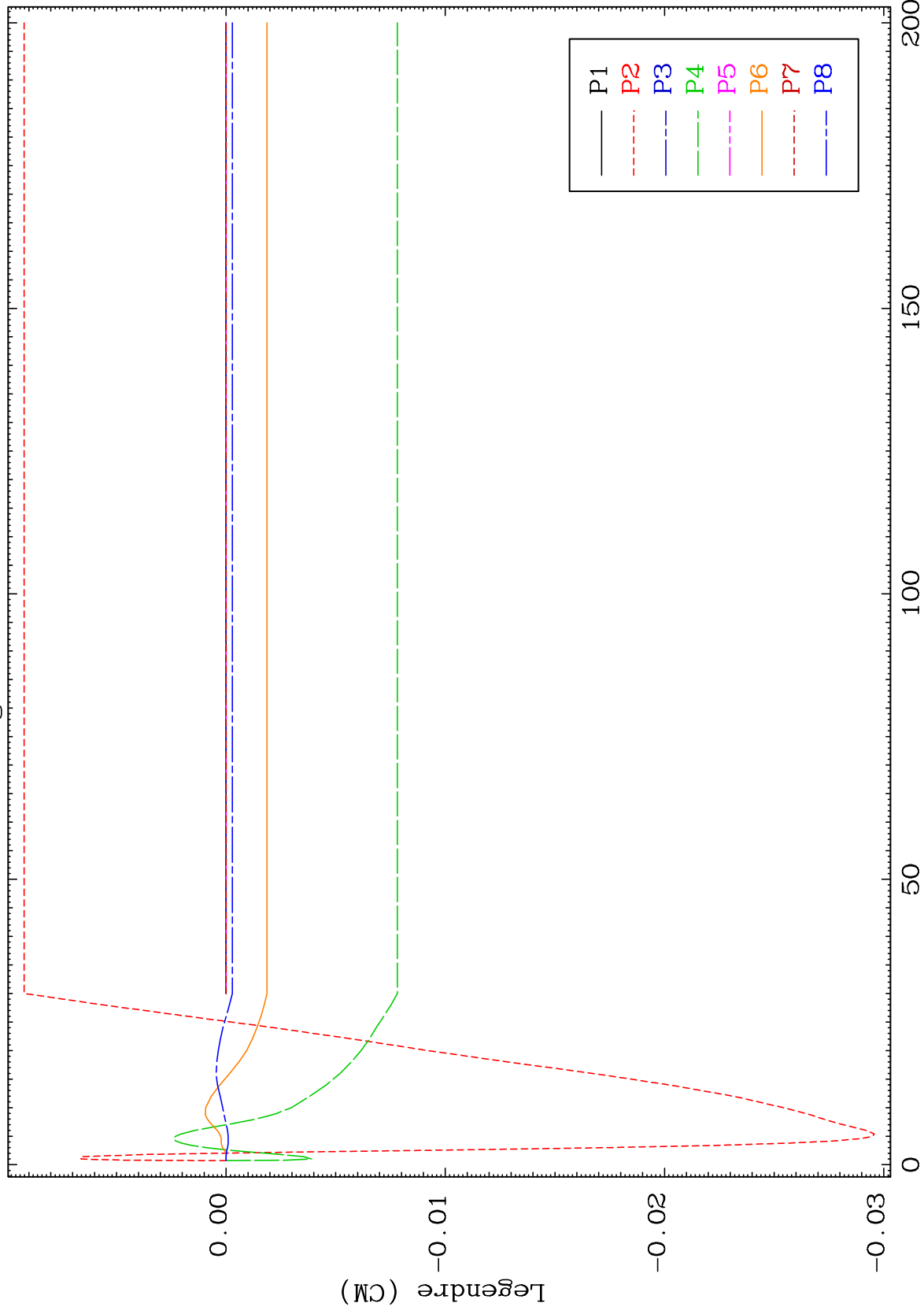
Incident Energy (MeV)

18

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MT= 51 (n,n') Level
Legendre Coefficients

63-Eu-136



19

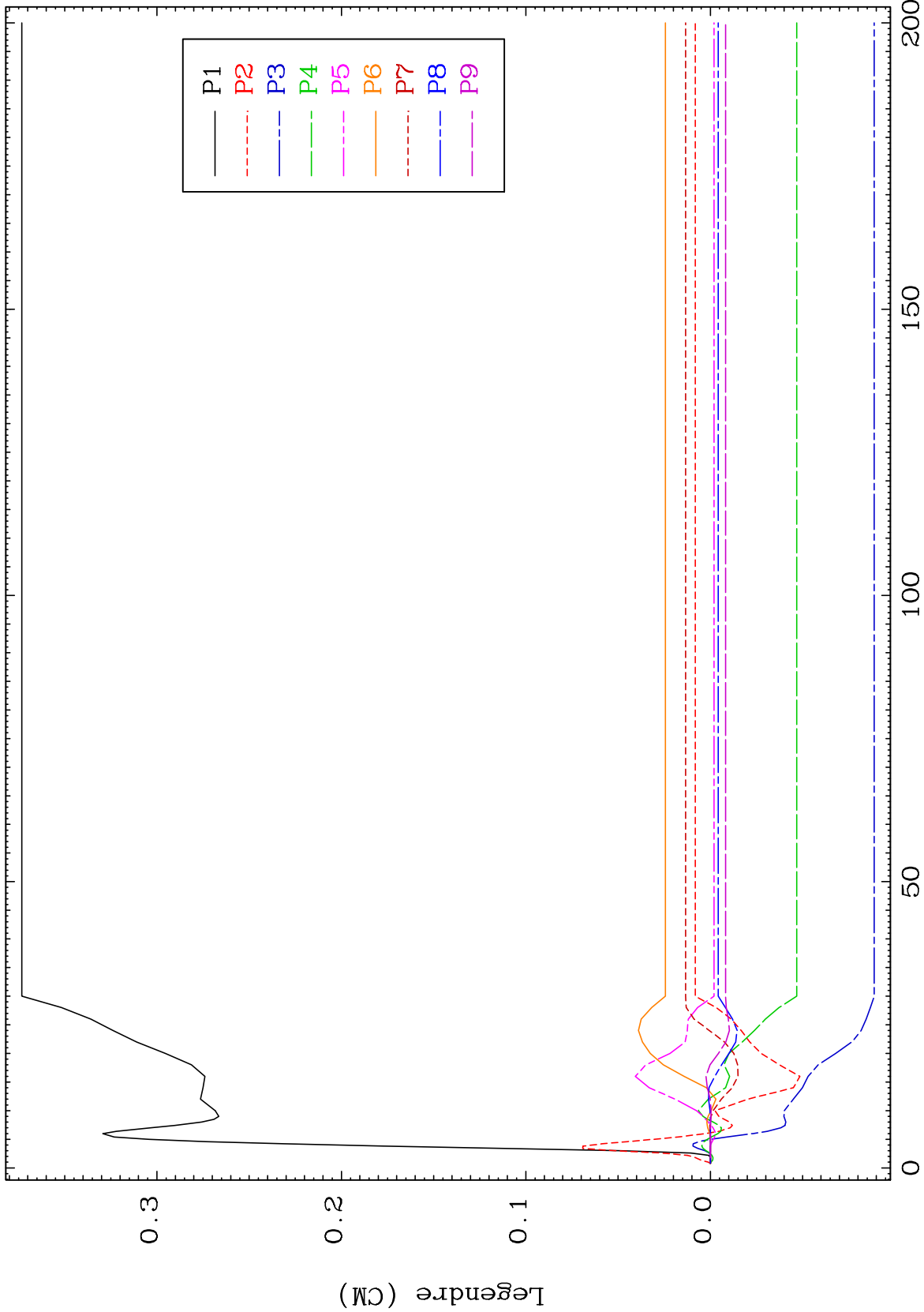
Incident Energy (MeV)

63-Eu-136

MAT 6280

MT= 52 (n,n') Level
Legendre Coefficients

63-Eu-136



22

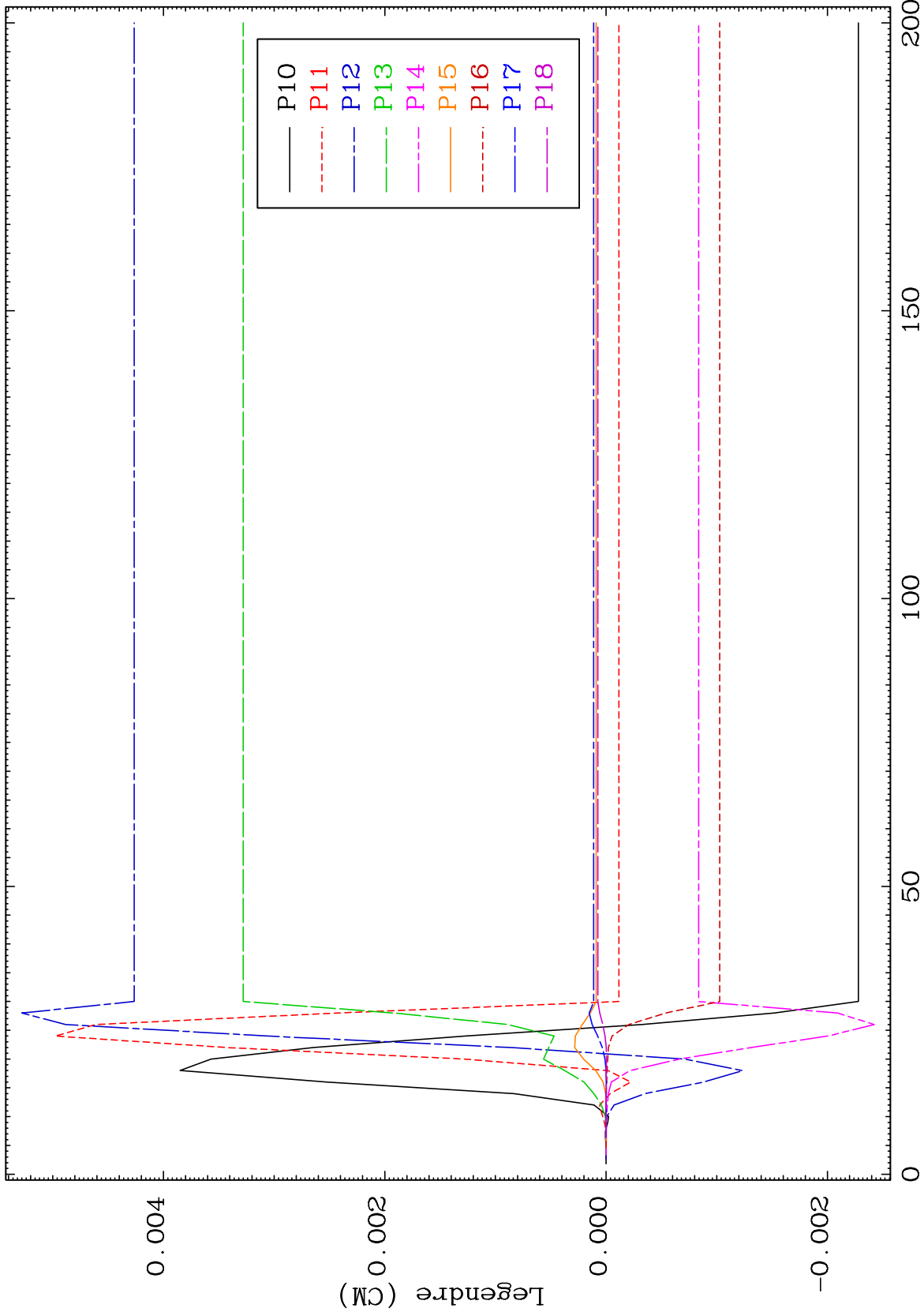
Incident Energy (MeV)

63-Eu-136

MAT 6280

MT= 52 (n,n') Level
Legendre Coefficients

63-Eu-136



23

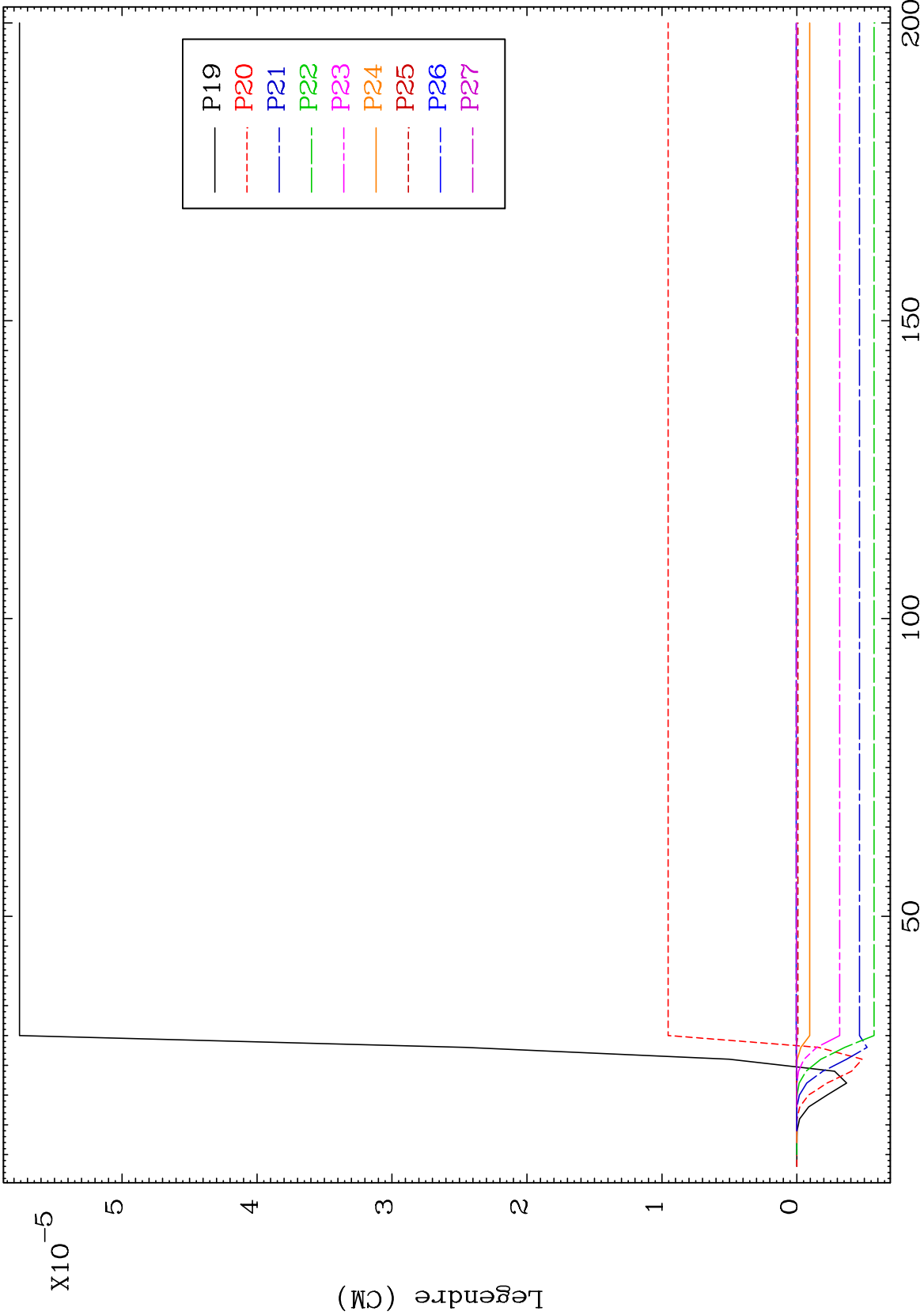
Incident Energy (MeV)

63-Eu-136

MAT 6280

MT= 52 (n,n') Level
Legendre Coefficients

63-Eu-136



24

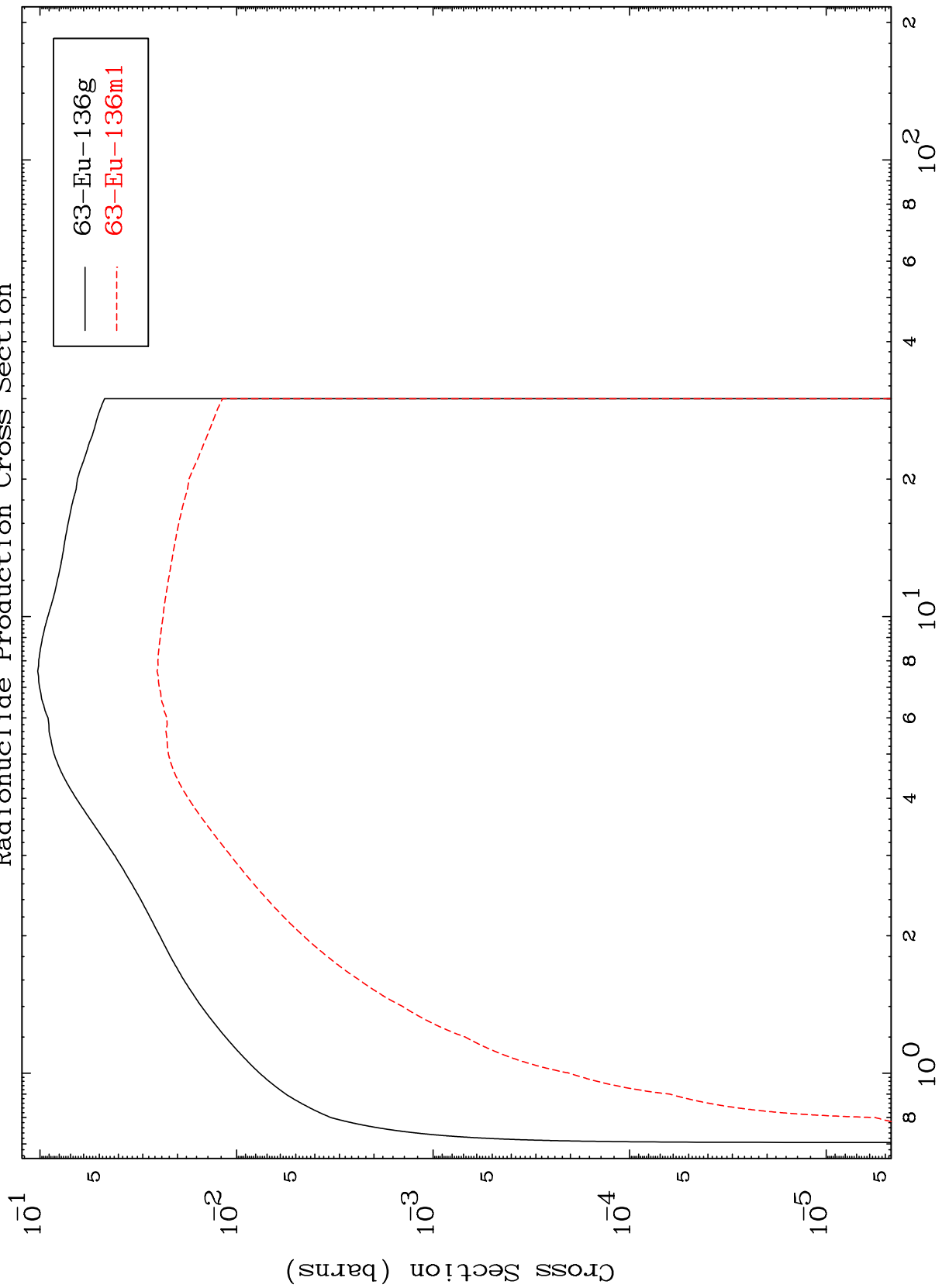
Incident Energy (MeV)

63-Eu-136

MAT 6280

63-Eu-136

Inelastic
Radionuclide Production Cross Section



26

63-Eu-136

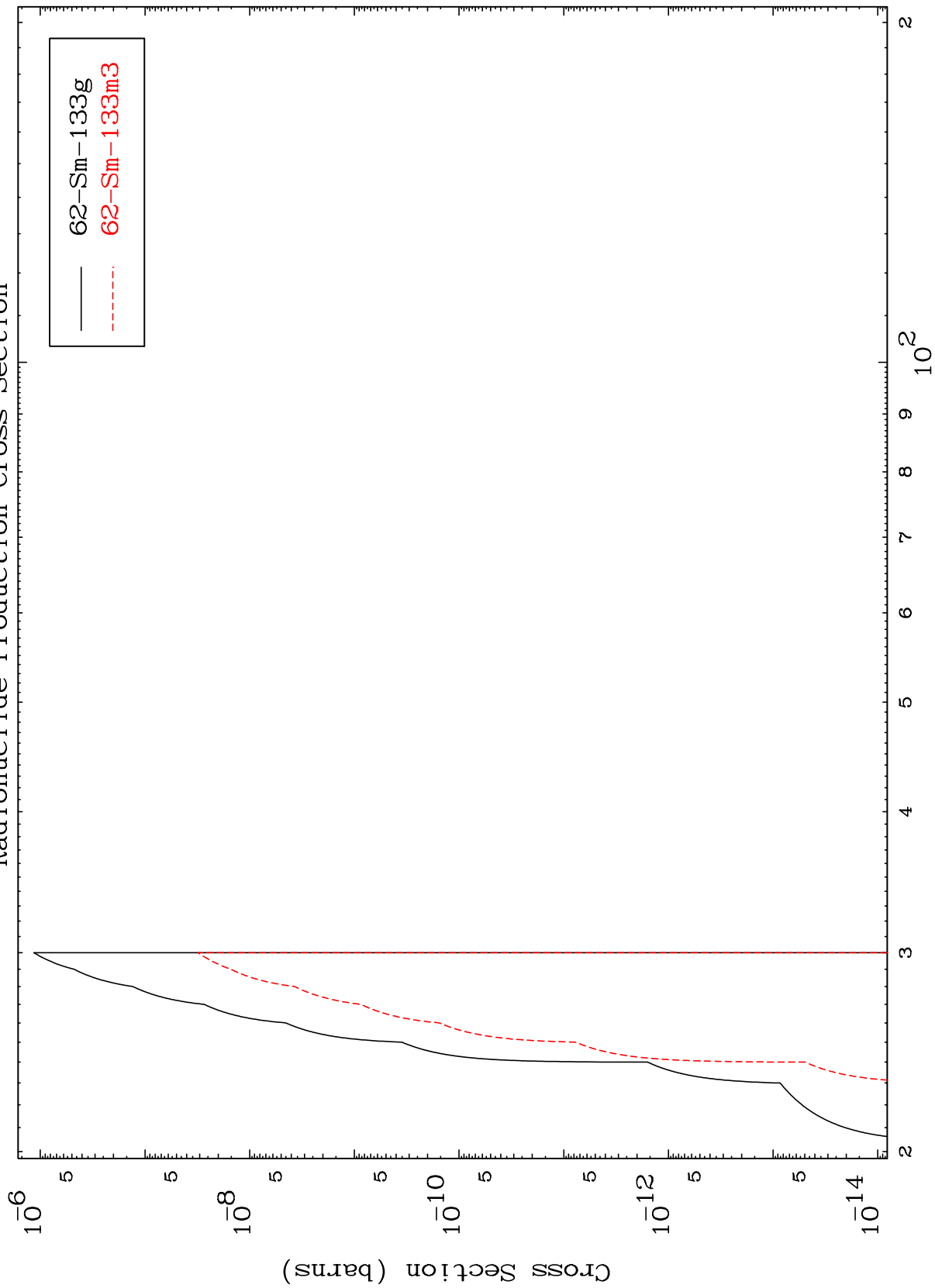
Incident Energy (MeV)

MAT 6280

(n,2n) d

63-Eu-136

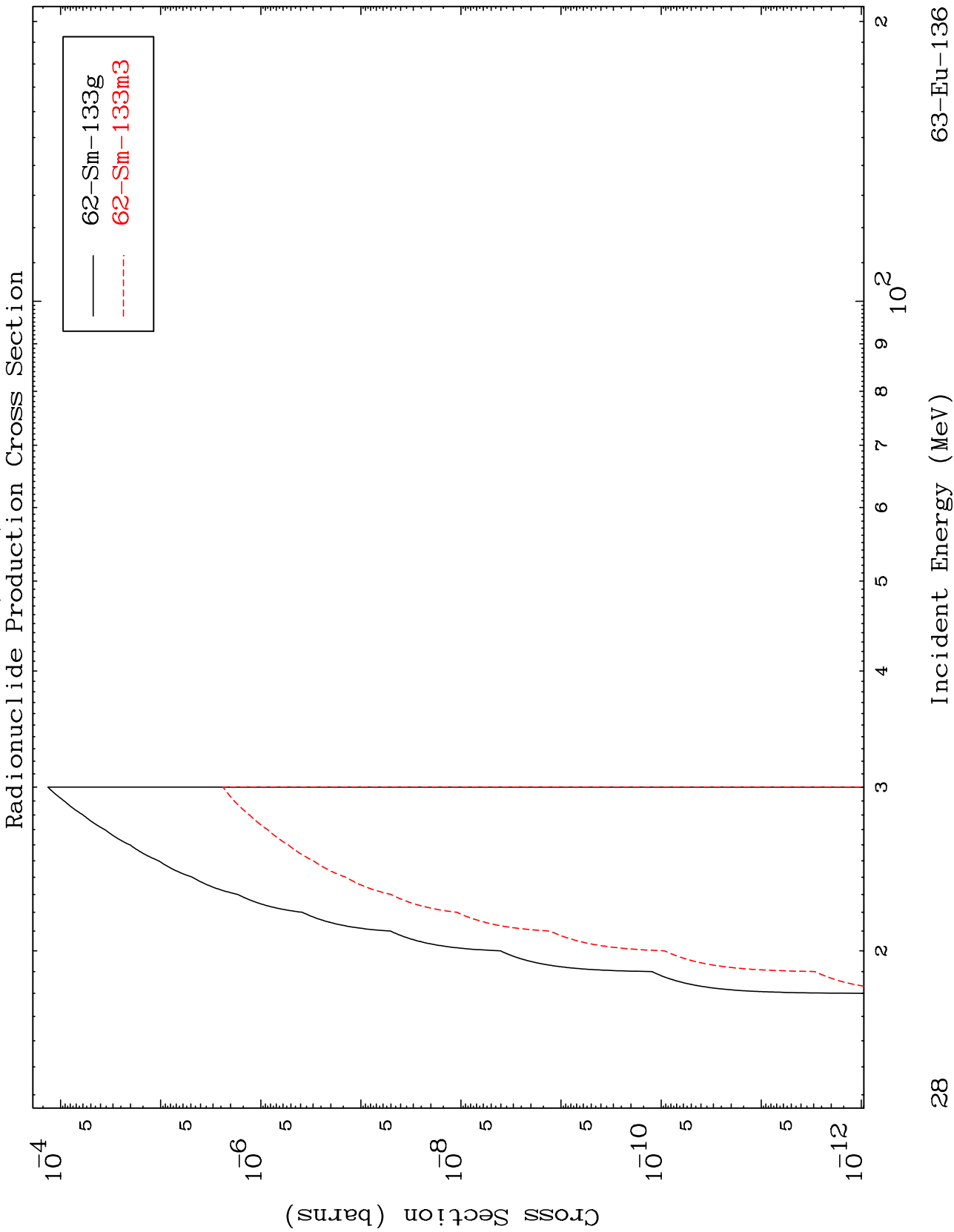
Radionuclide Production Cross Section



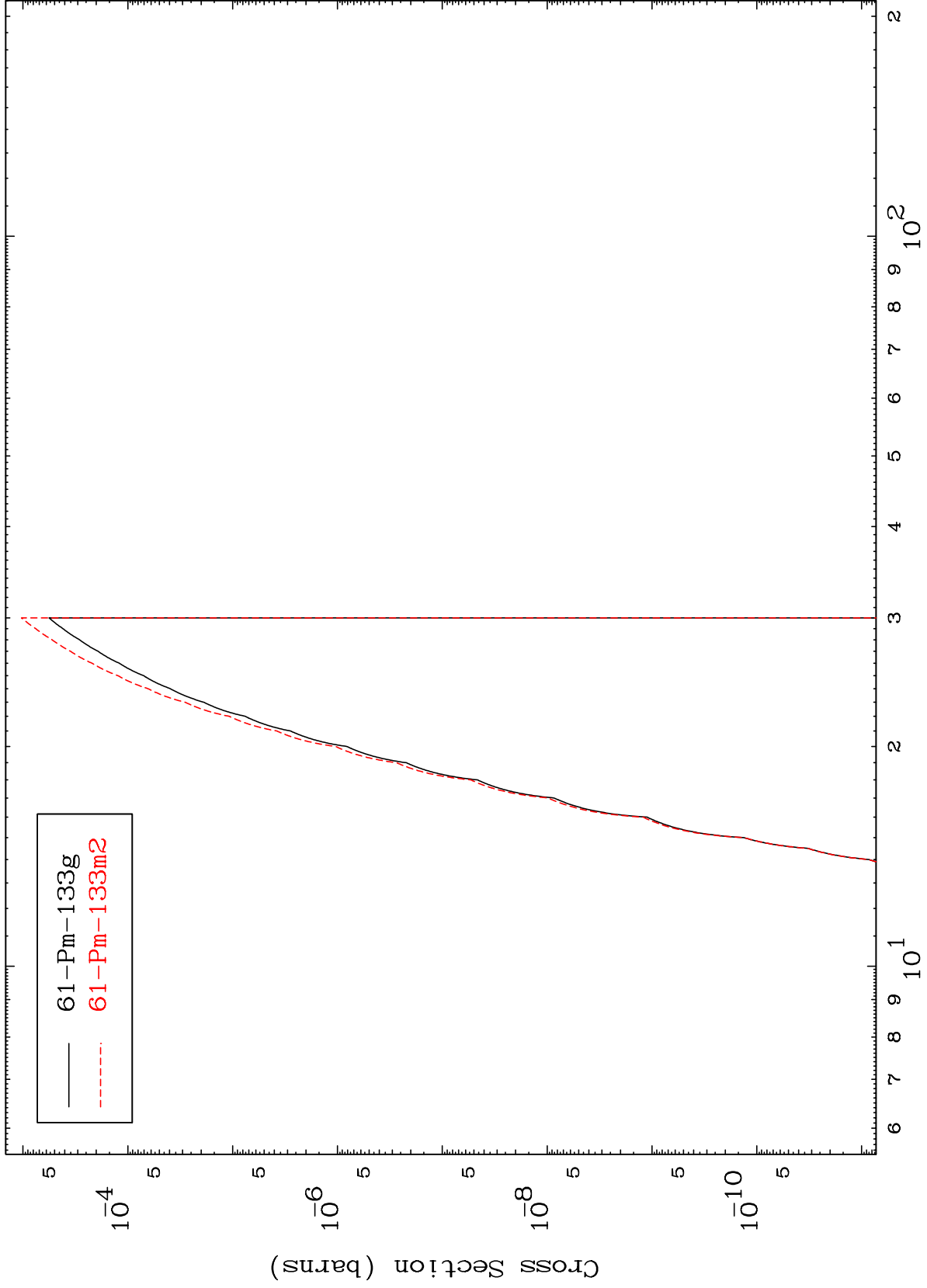
27

Incident Energy (MeV)

63-Eu-136



Radionuclide Production Cross Section

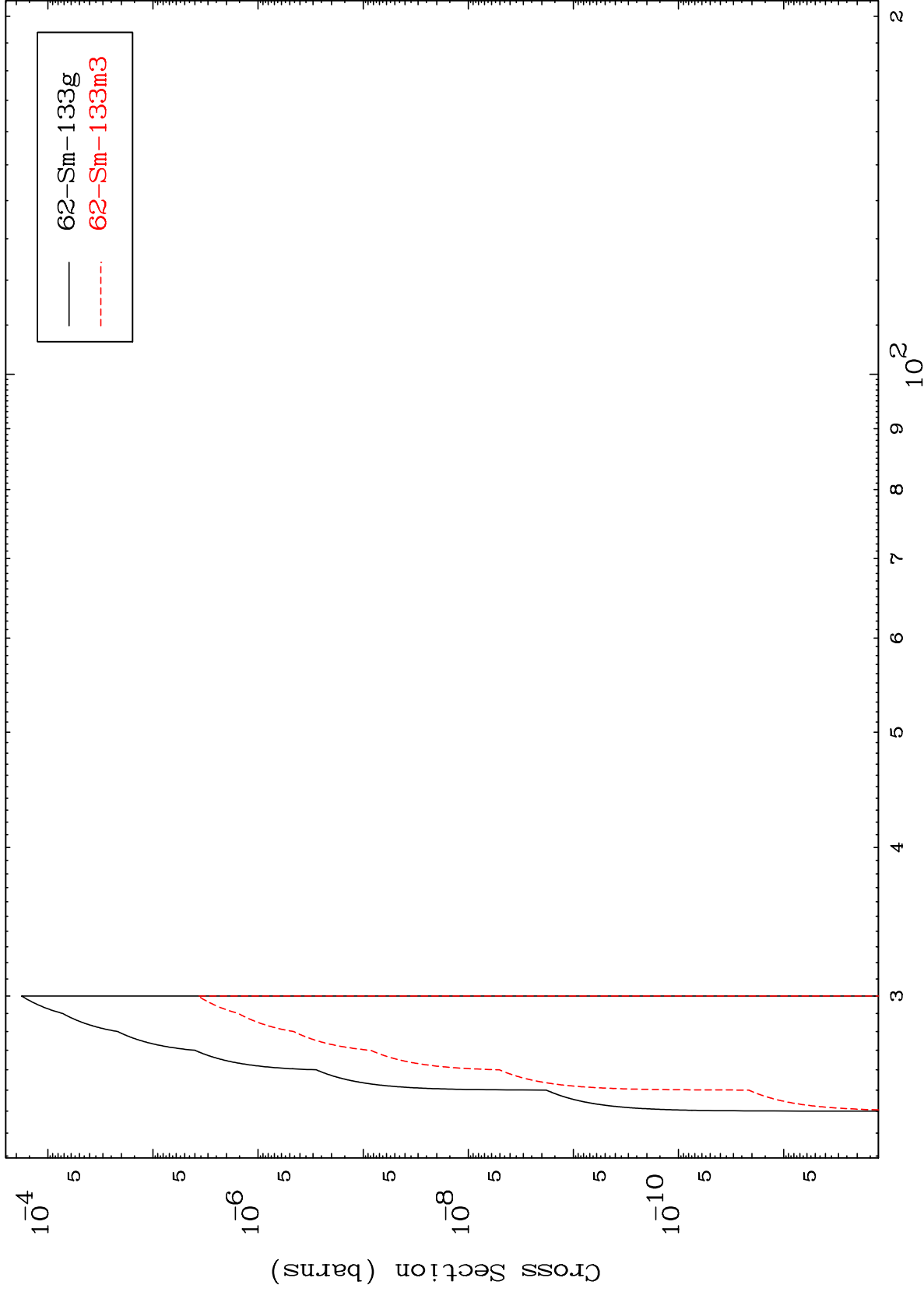


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(n,3n) p

63-Eu-136

Radionuclide Production Cross Section



30

Incident Energy (MeV)

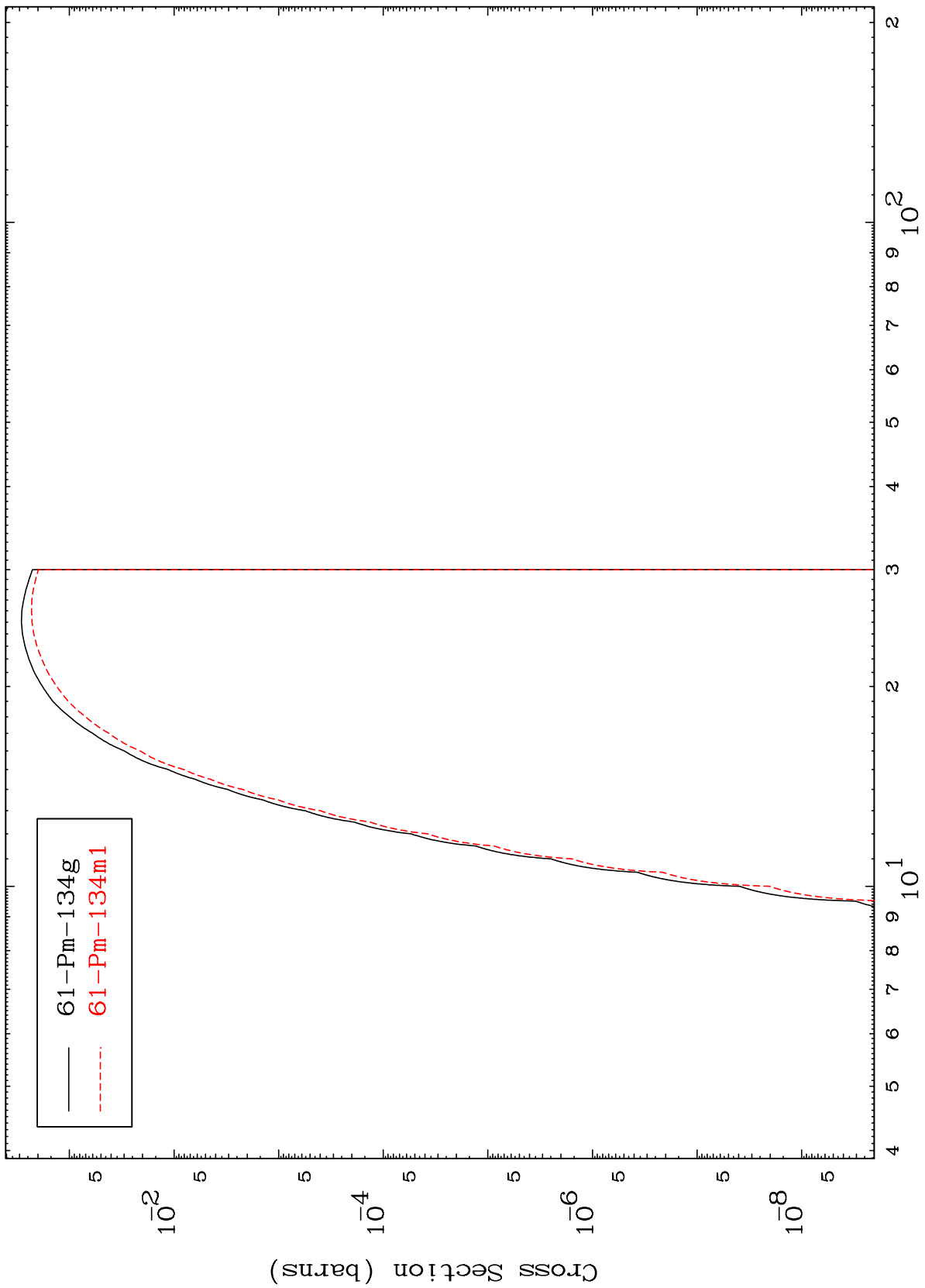
63-Eu-136

MAT 6280

(n,2n) p

63-Eu-136

Radionuclide Production Cross Section



31

Incident Energy (MeV)

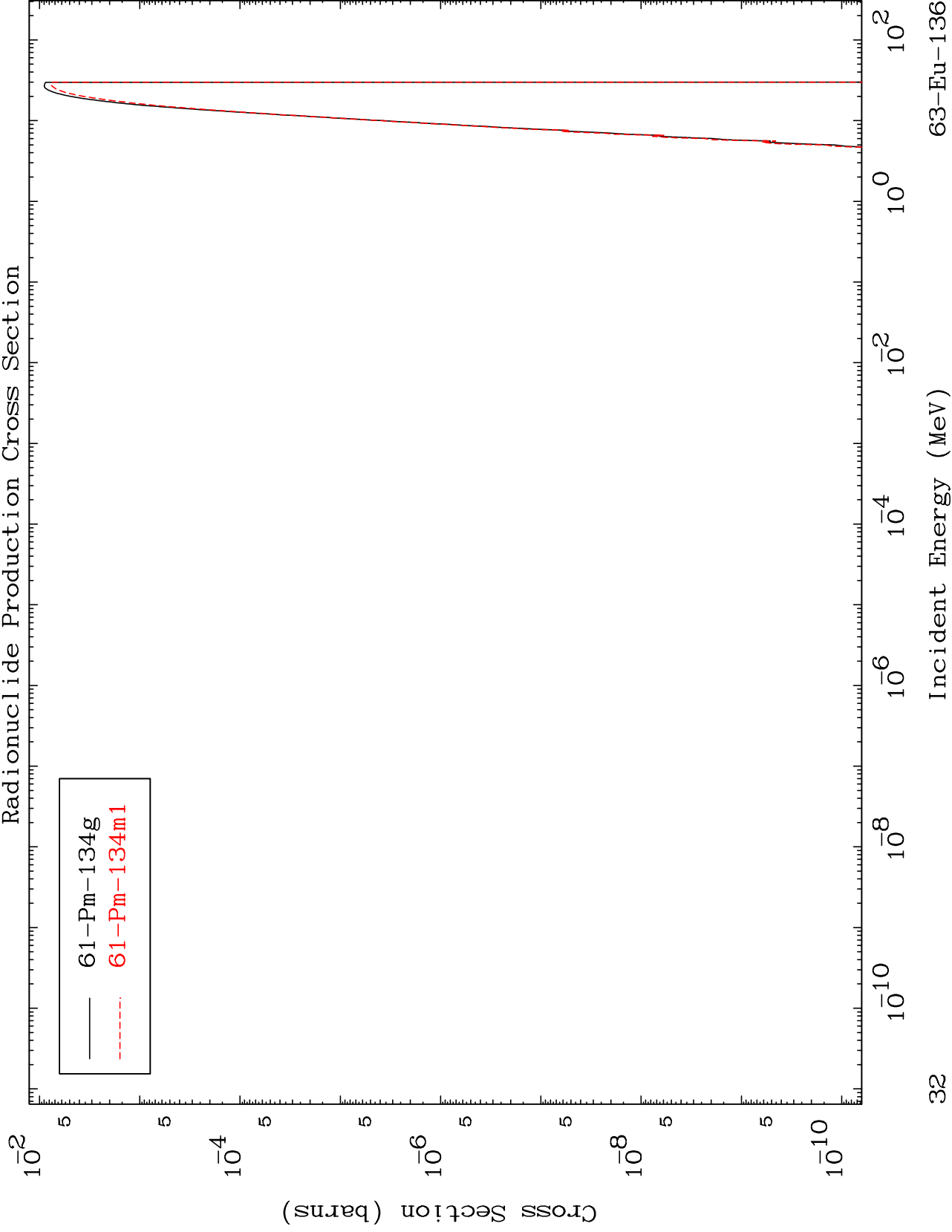
63-Eu-136

MAT 6280

(n,He-3)

63-Eu-136

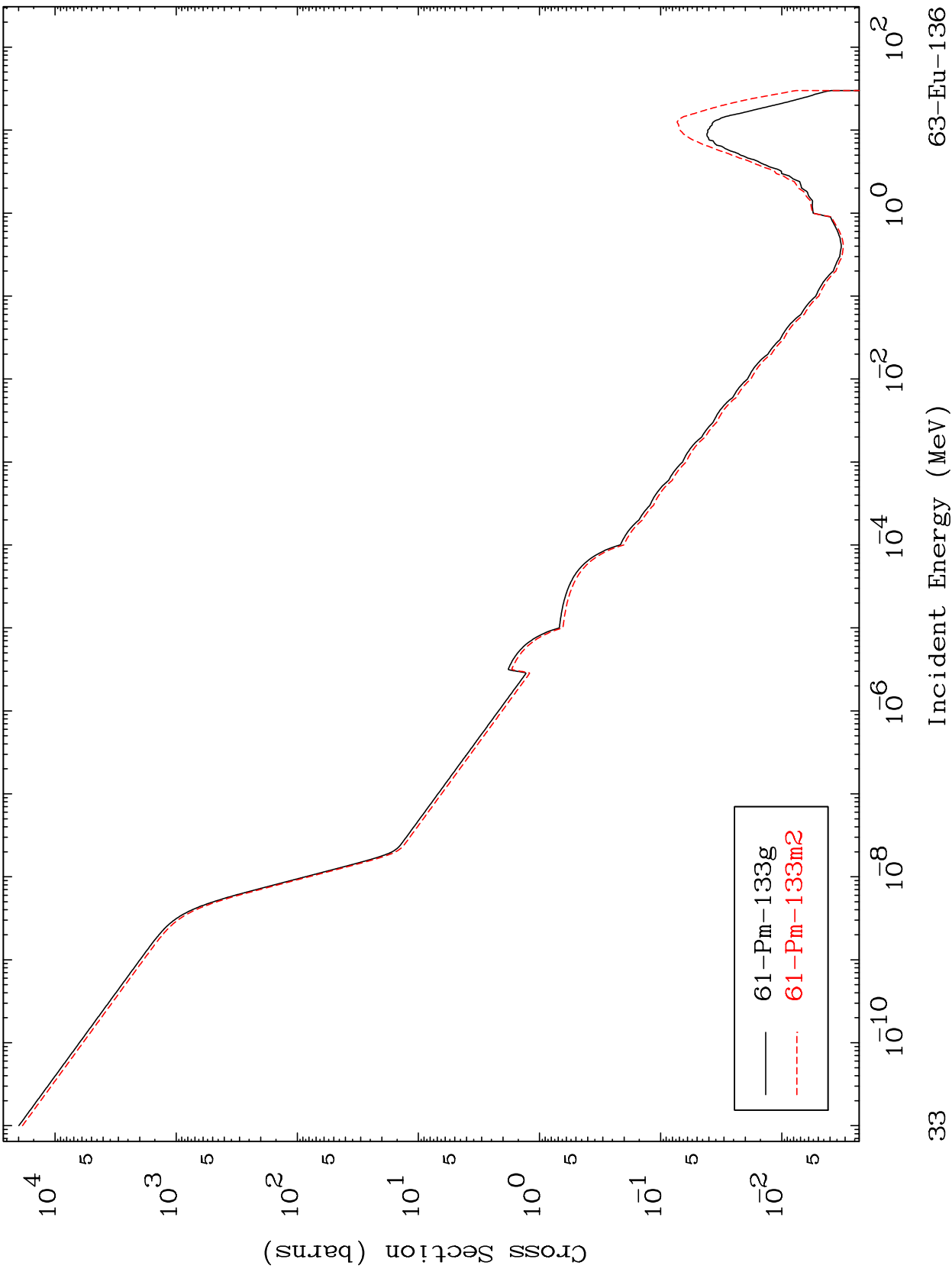
Radionuclide Production Cross Section



32

63-Eu-136

Radionuclide Production Cross Section (n,α)

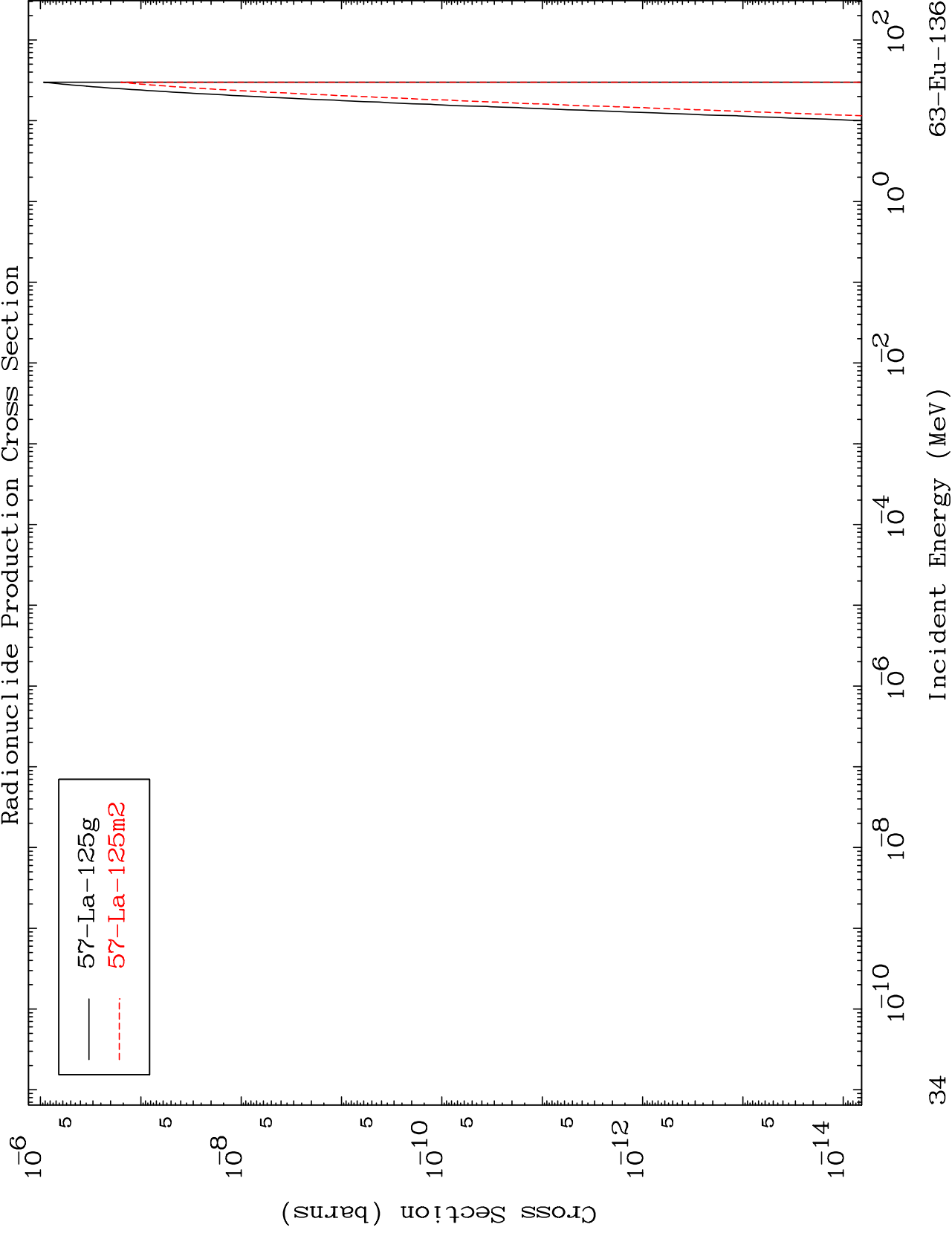


MAT 6280

(n, 3 α)

63-Eu-136

Radionuclide Production Cross Section

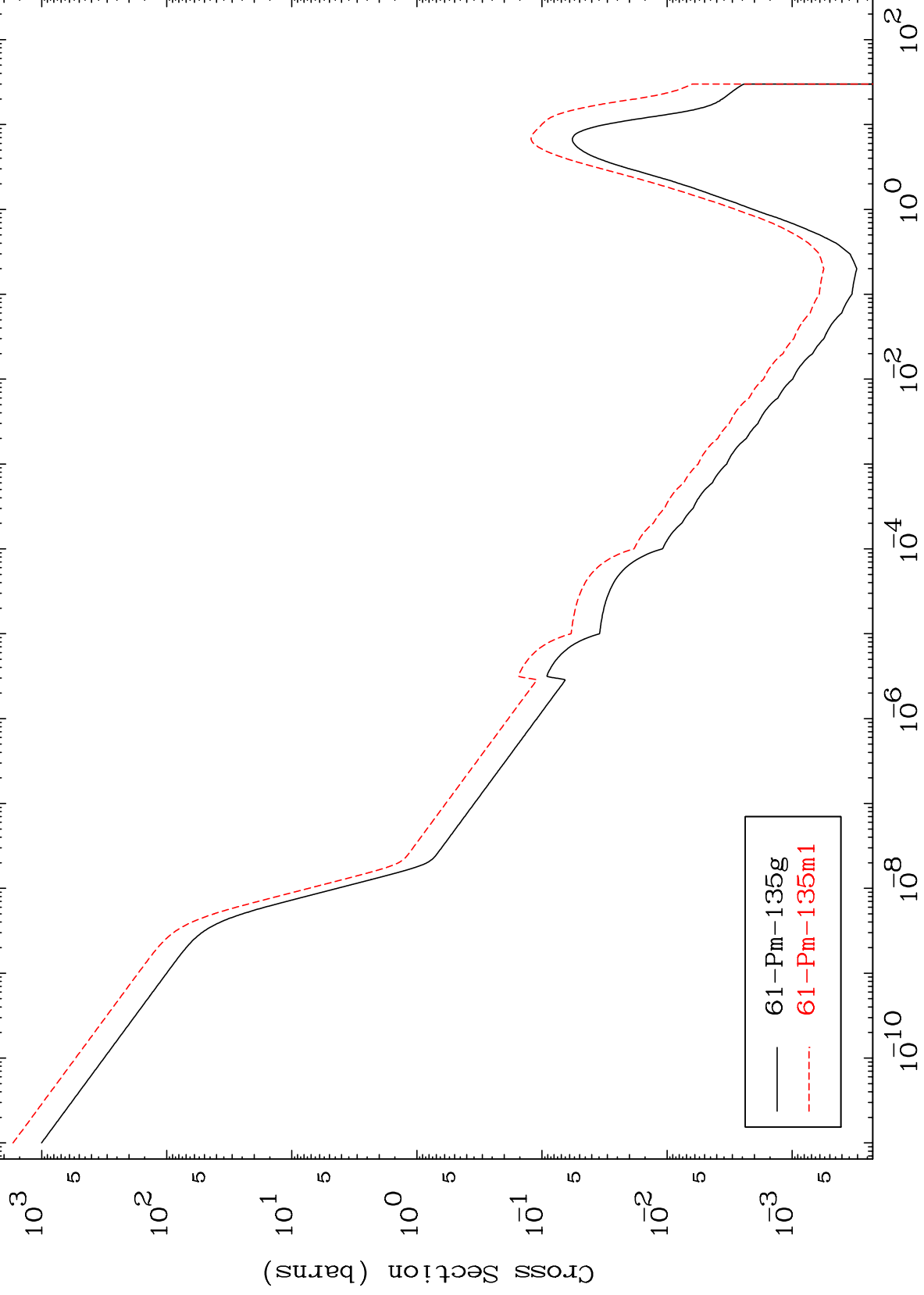


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(n,2p)

63-Eu-136

Radionuclide Production Cross Section



35

Incident Energy (MeV)

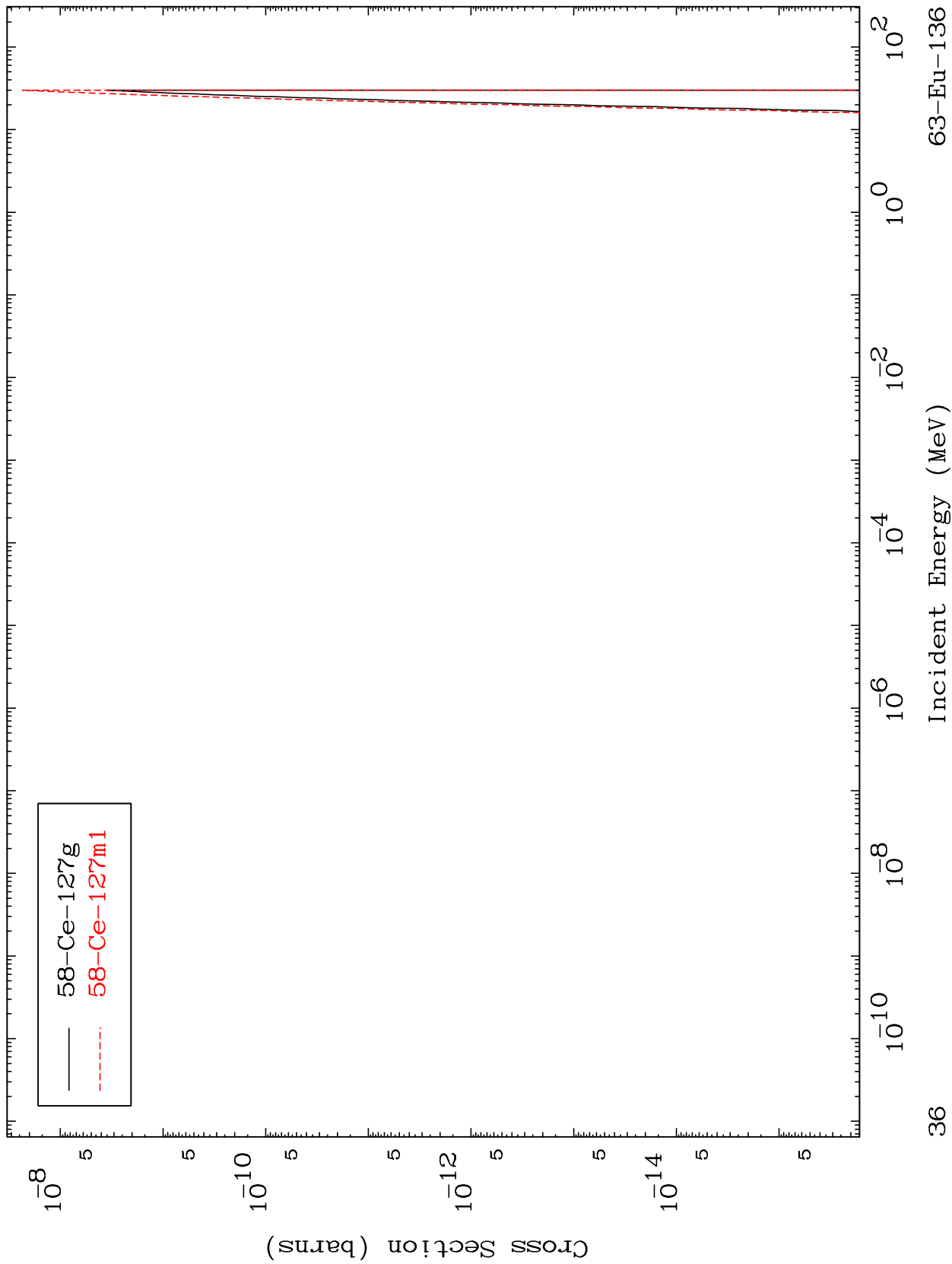
63-Eu-136

MAT 6280

(n,d) 2 α

63-Eu-136

Radionuclide Production Cross Section



36

Incident Energy (MeV)

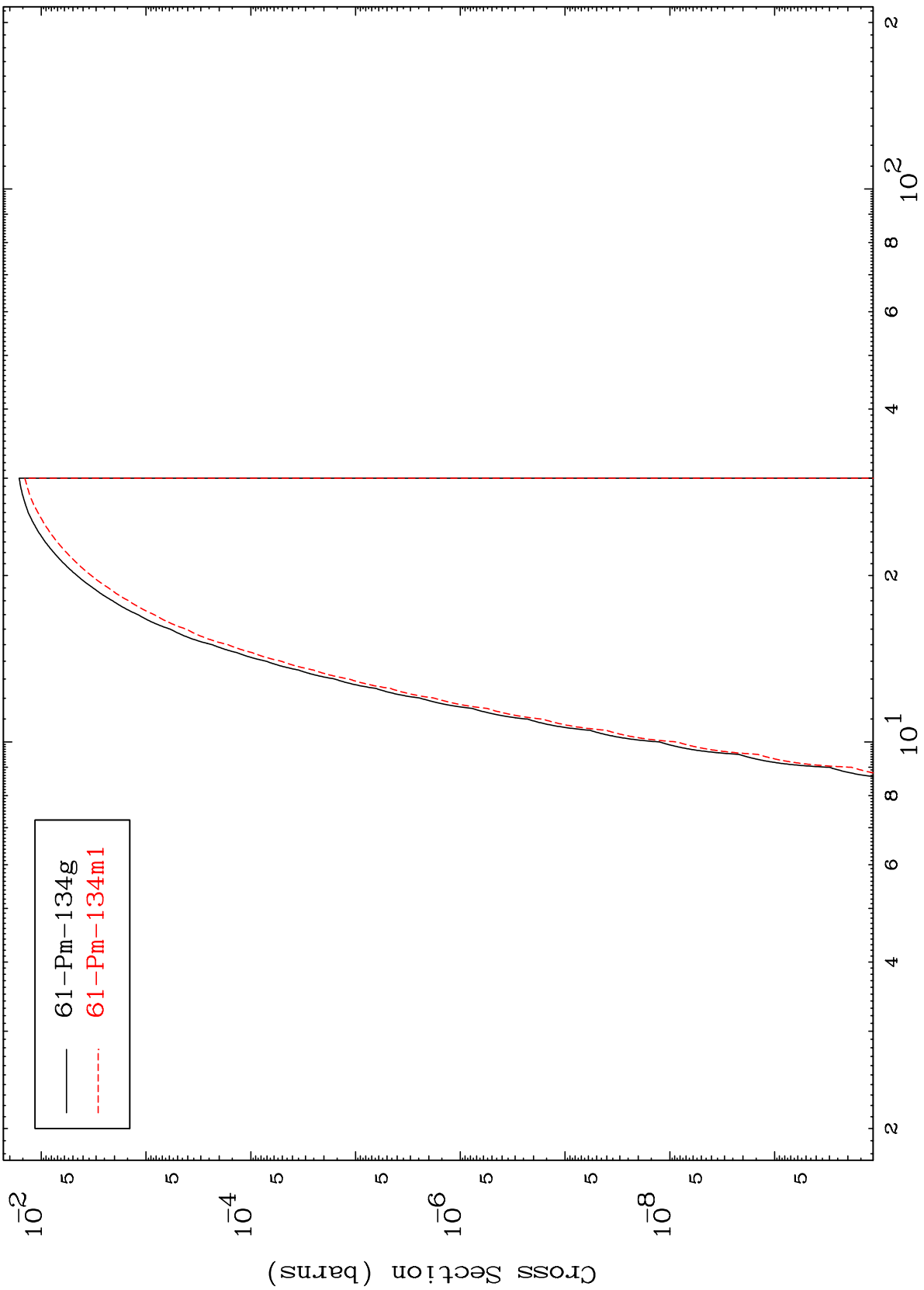
63-Eu-136

MAT 6280

(n,p) d

63-Eu-136

Radionuclide Production Cross Section



37

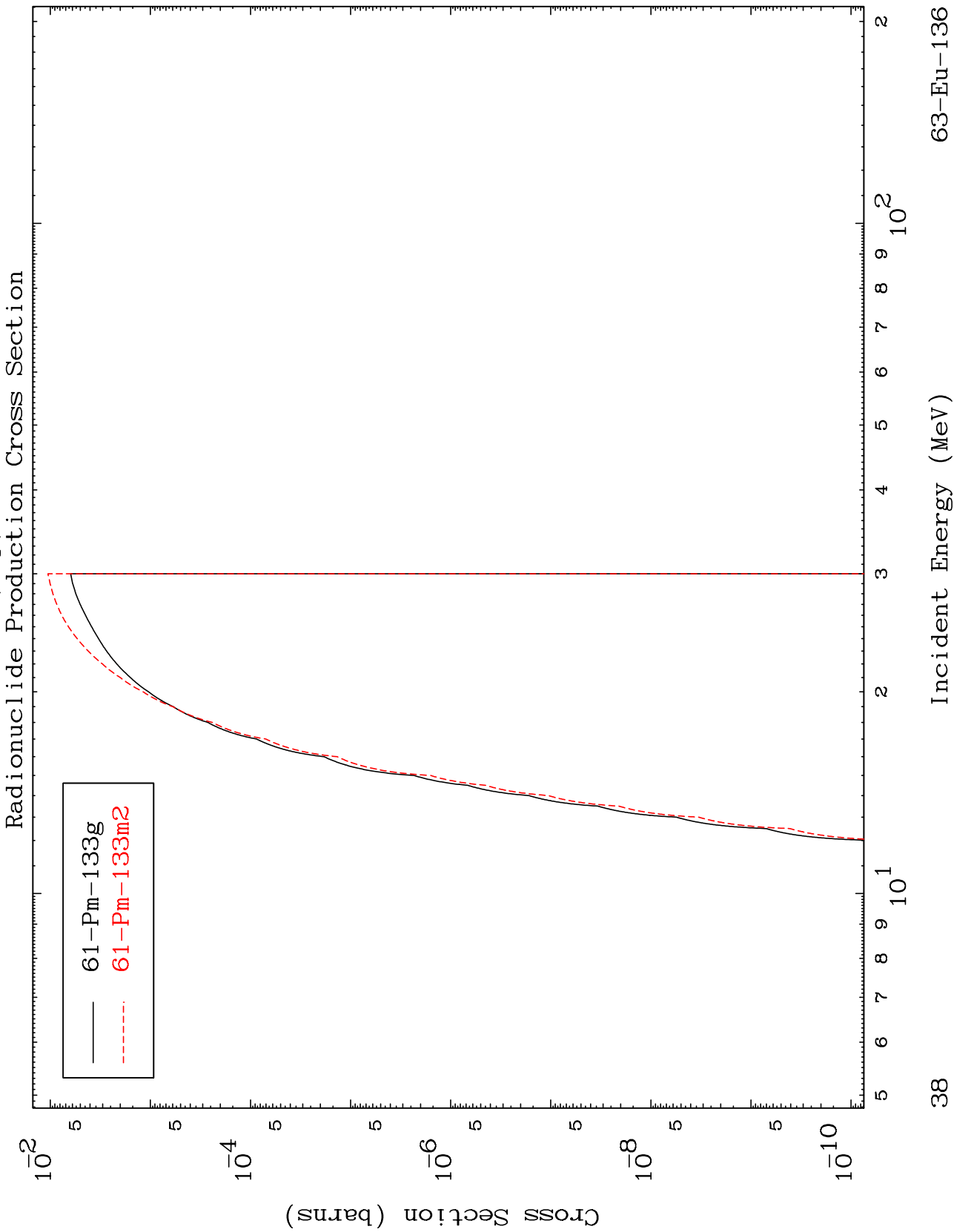
Incident Energy (MeV)

63-Eu-136

MAT 6280

(n,p) t

63-Eu-136



38

Incident Energy (MeV)

63-Eu-136