

Program EVALPLOT
(Version 2018-1)

by

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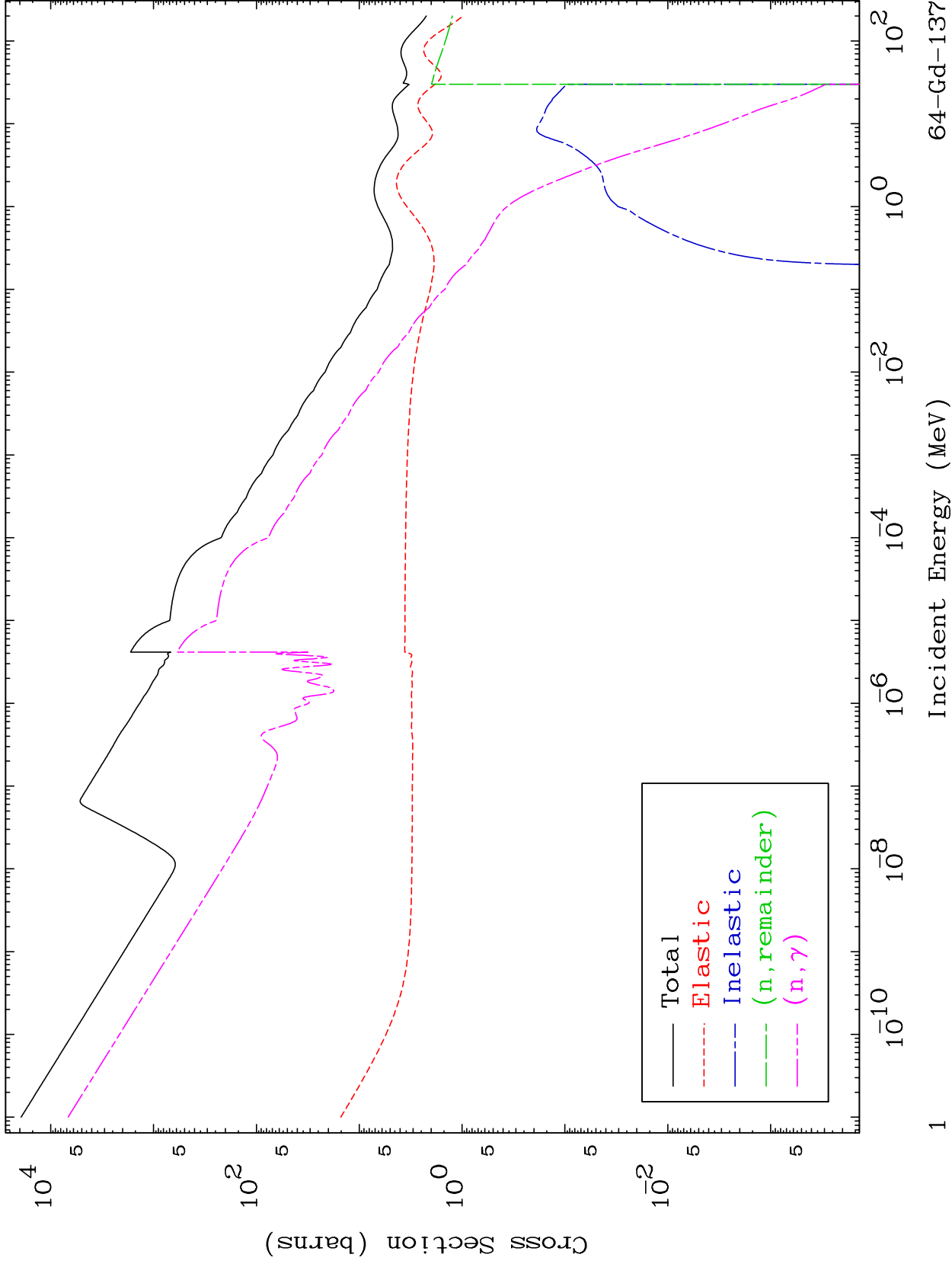
Press Mouse Button to Start

MAT 6380

Major

293 Kelvin Cross Sections

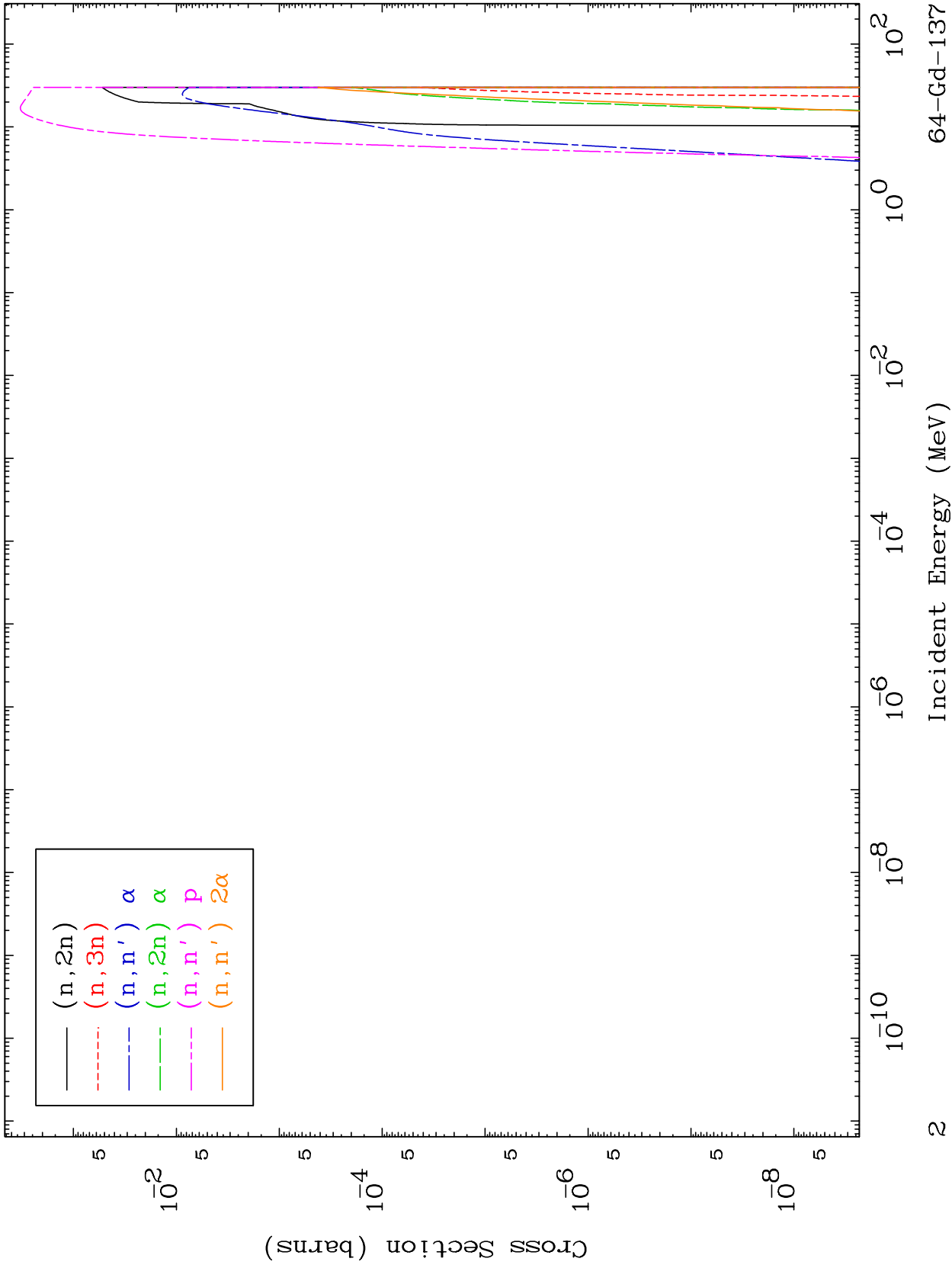
64-Gd-137

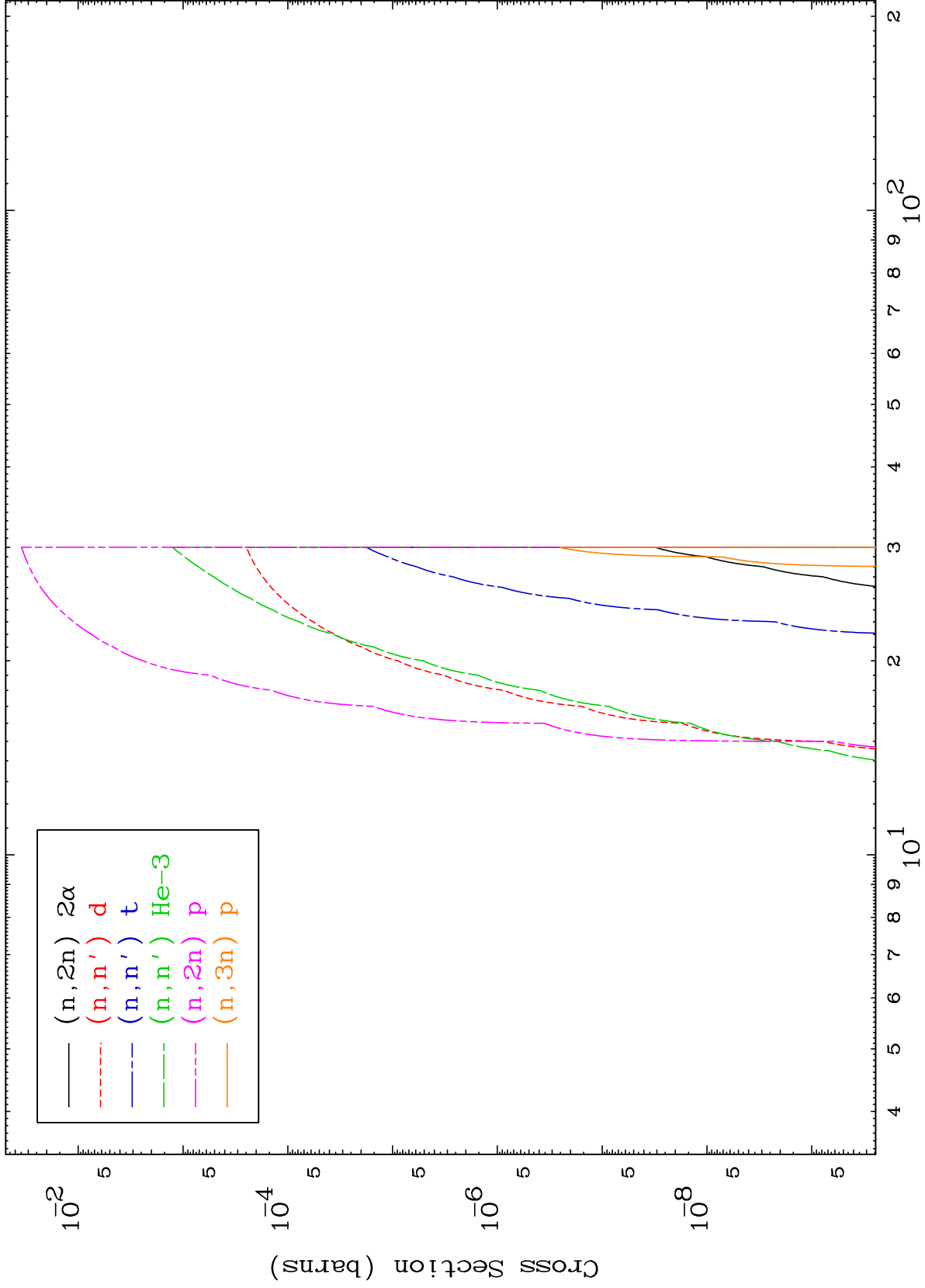


MAT 6380

Neutron Production
293 Kelvin Cross Sections

64-Gd-137

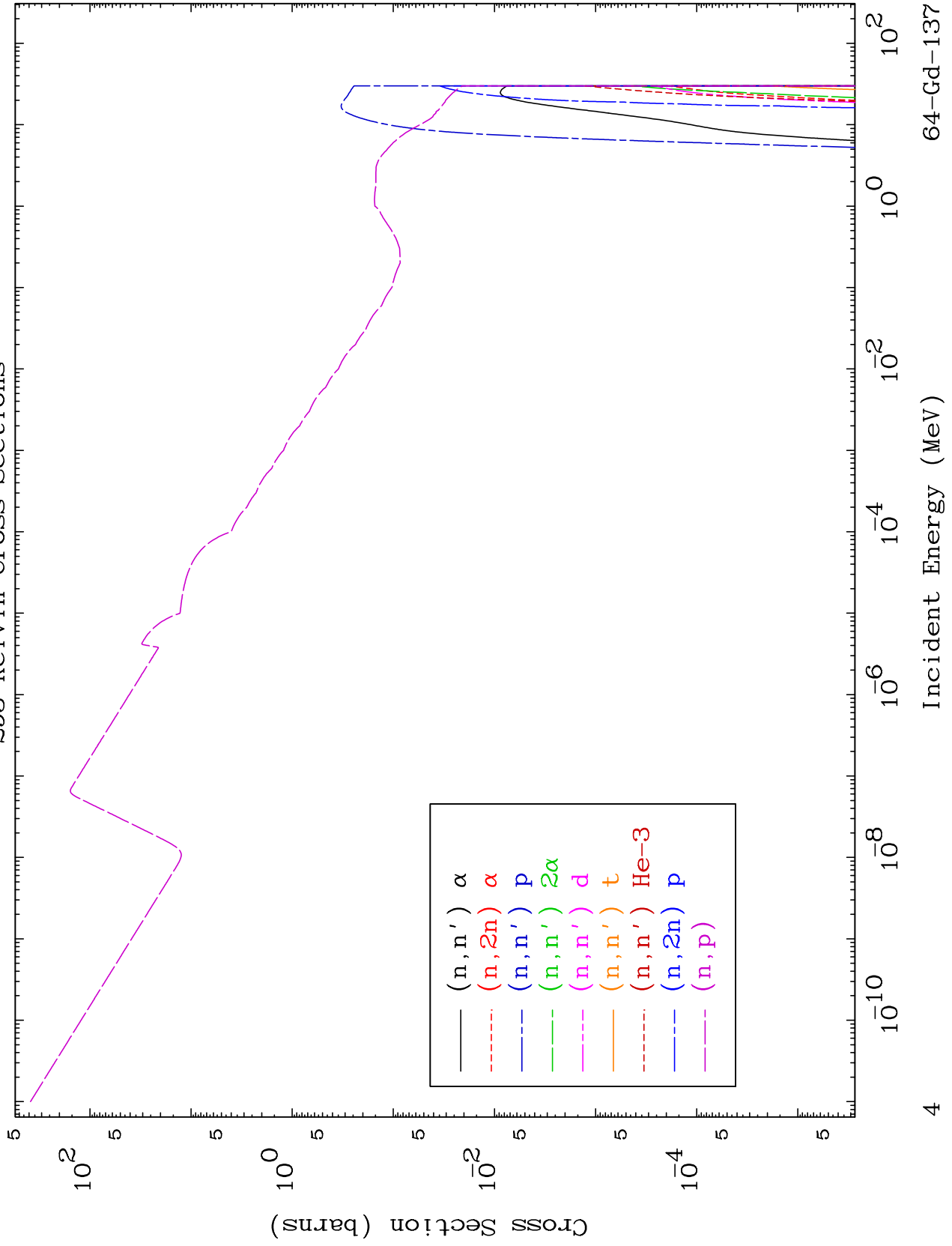


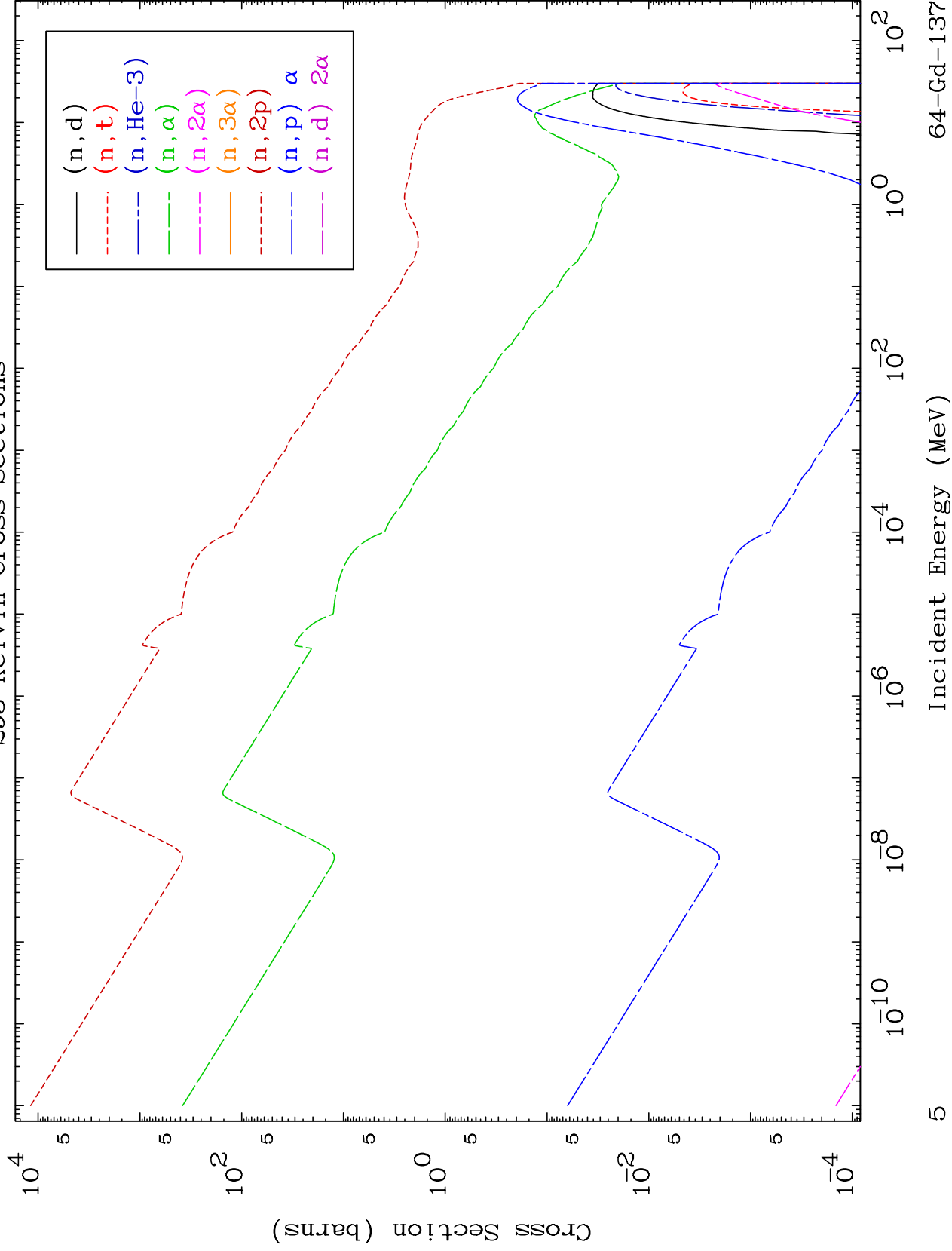


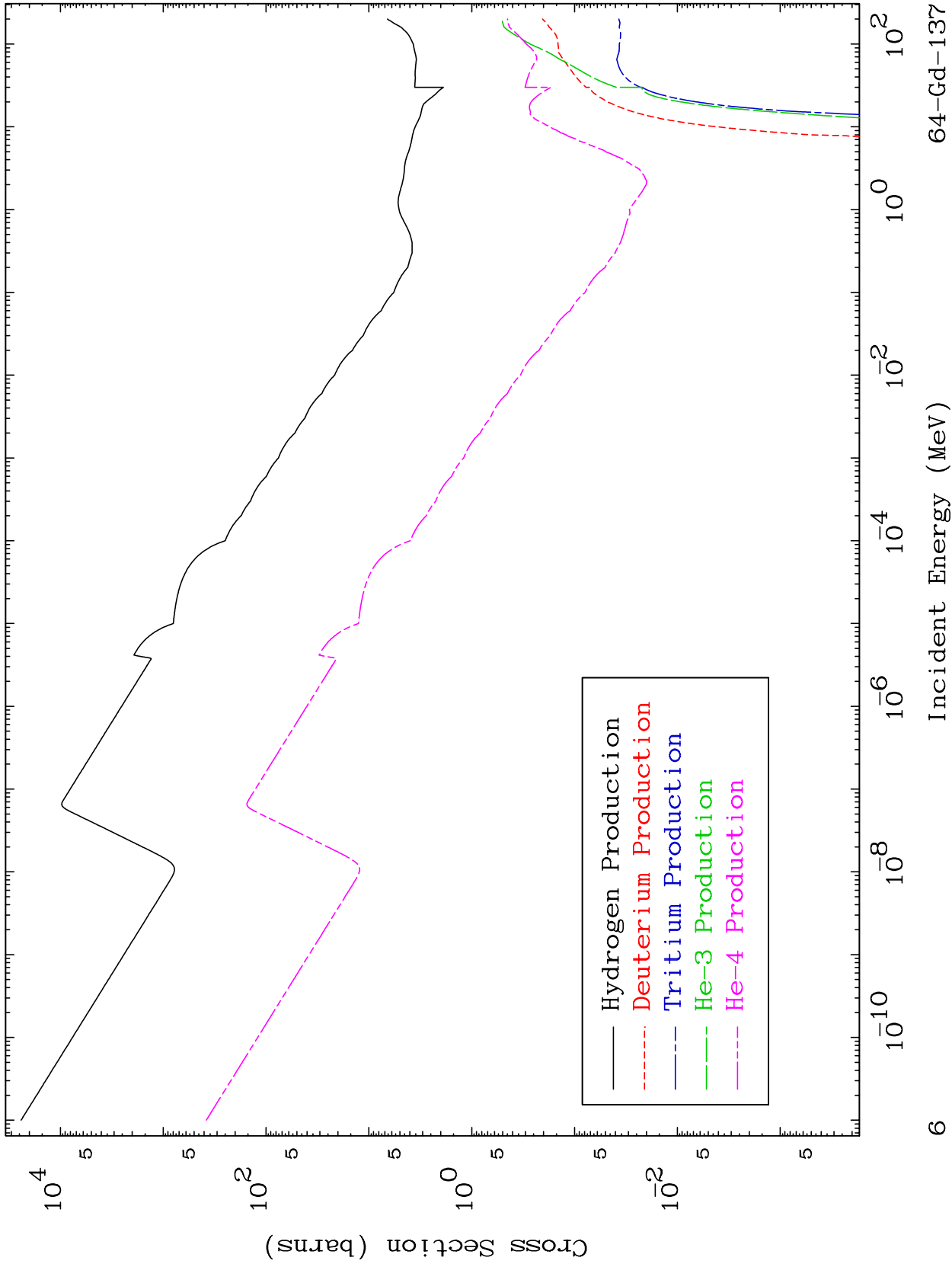
MAT 6380

Charged Particle
293 Kelvin Cross Sections

64-Gd-137



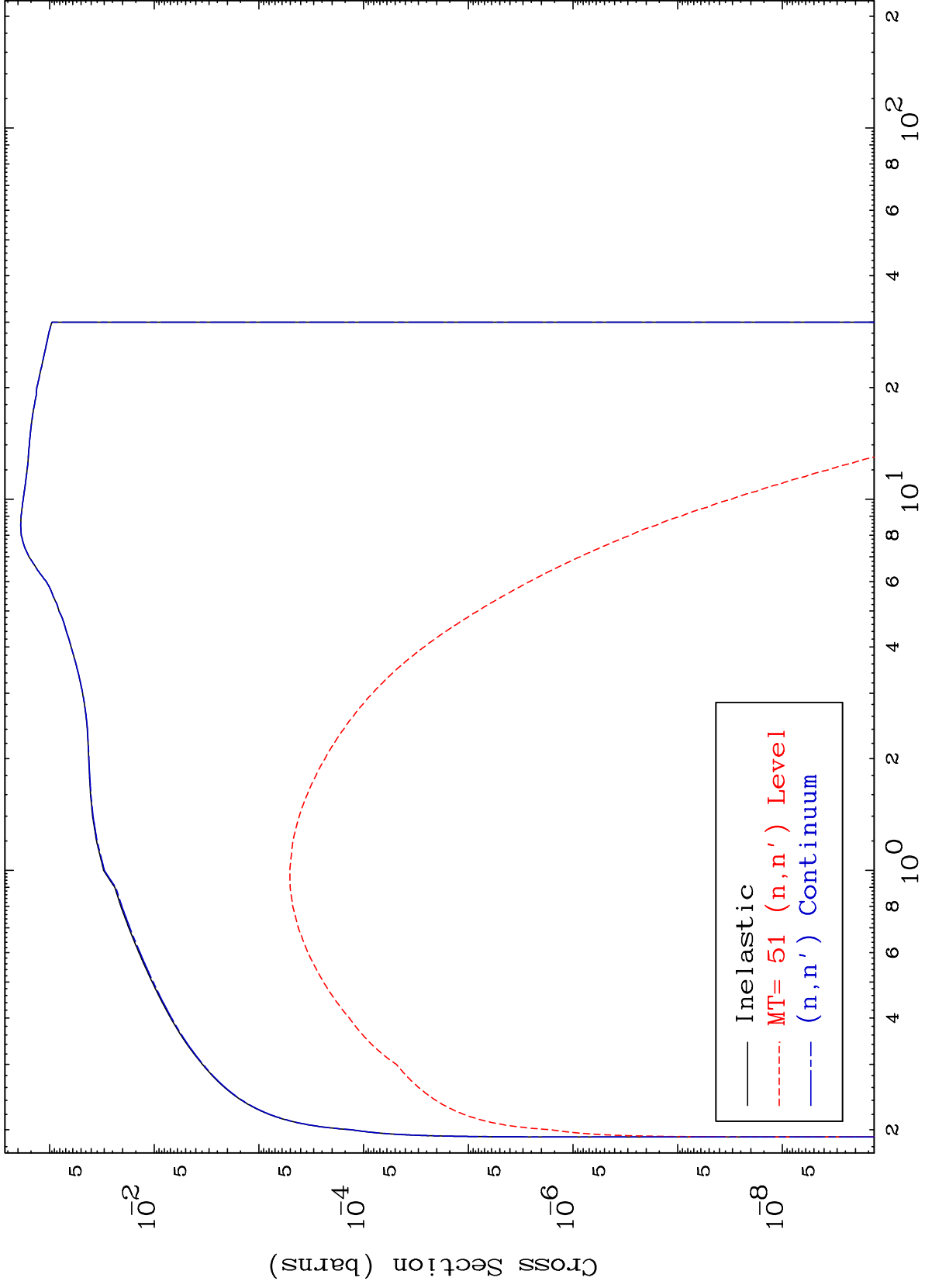




MAT 6380

(n,n') Level
293 Kelvin Cross Sections

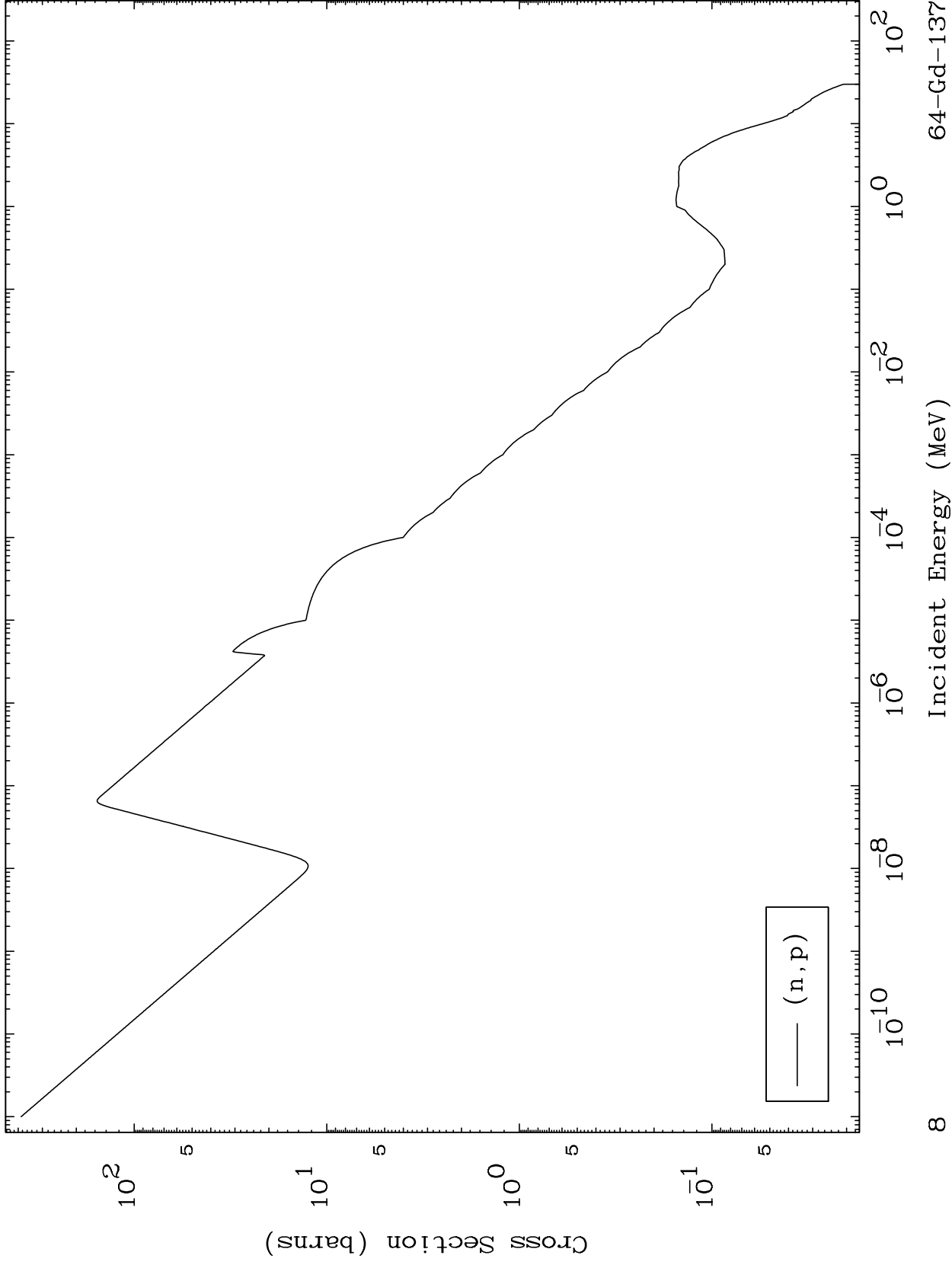
64-Gd-137



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(n,p) Levels
293 Kelvin Cross Sections

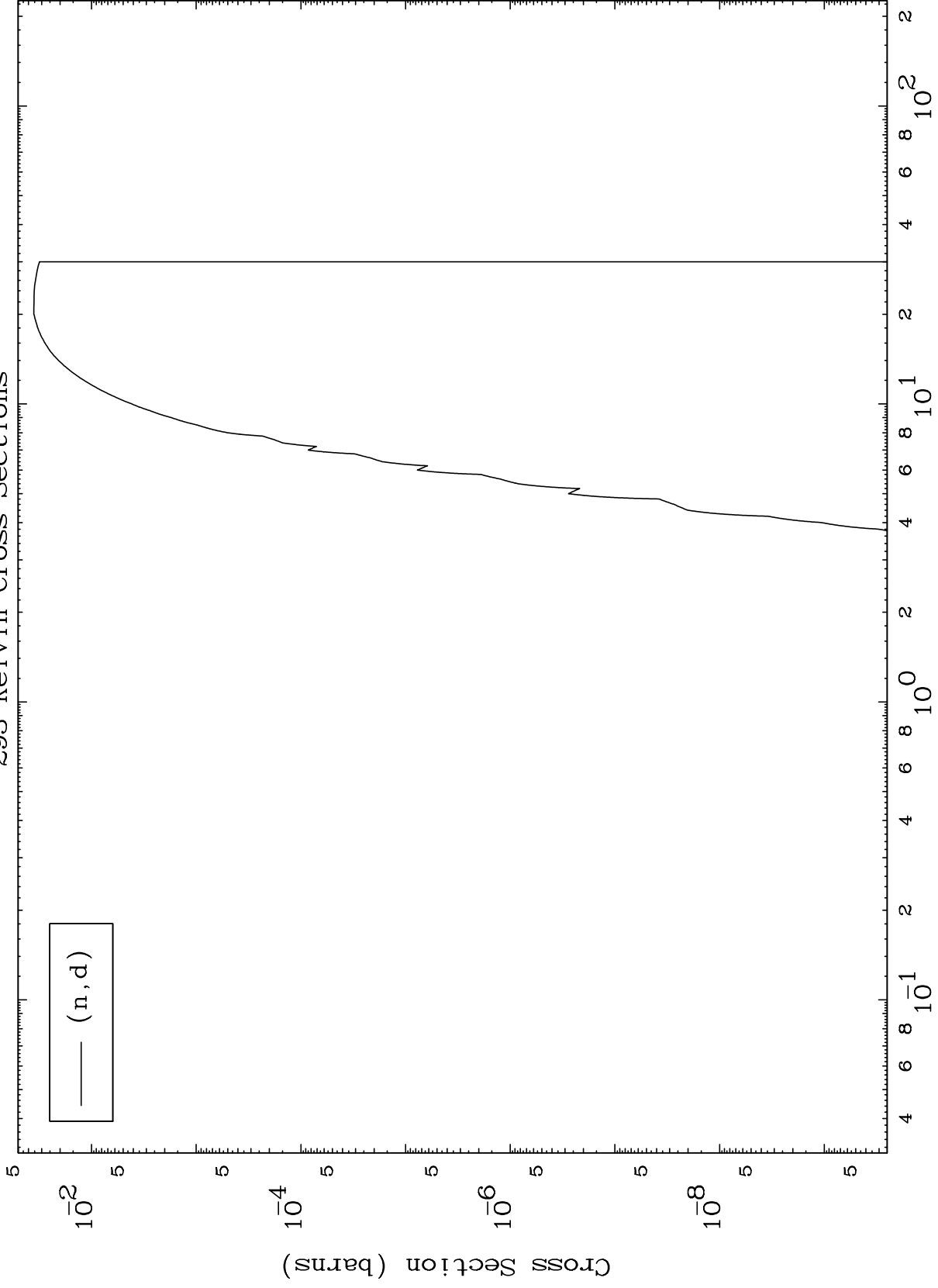
64-Gd-137



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(n,d) Levels
293 Kelvin Cross Sections

64-Gd-137

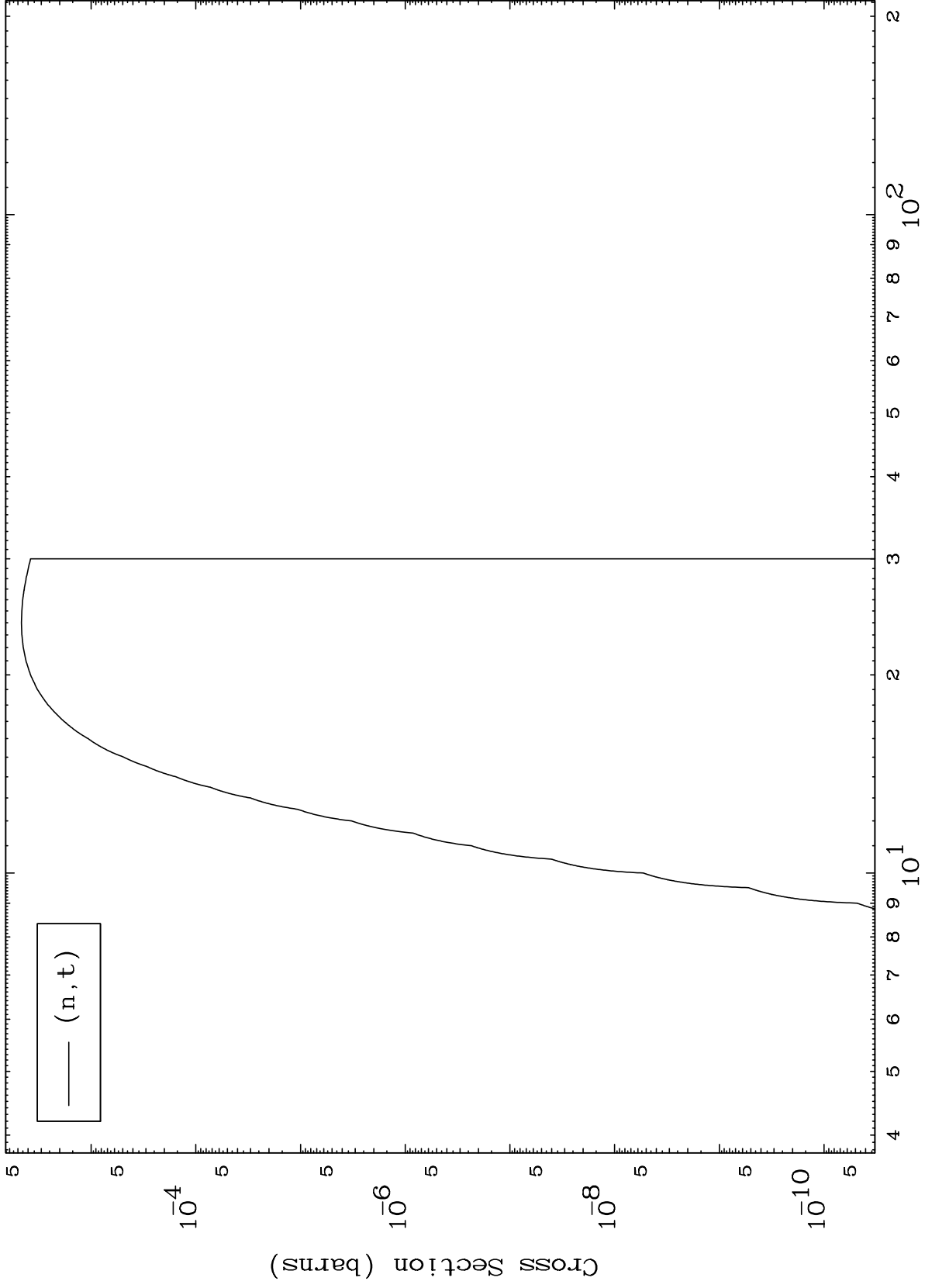


(n,d)

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(n,t) Levels
293 Kelvin Cross Sections

64-Gd-137



10

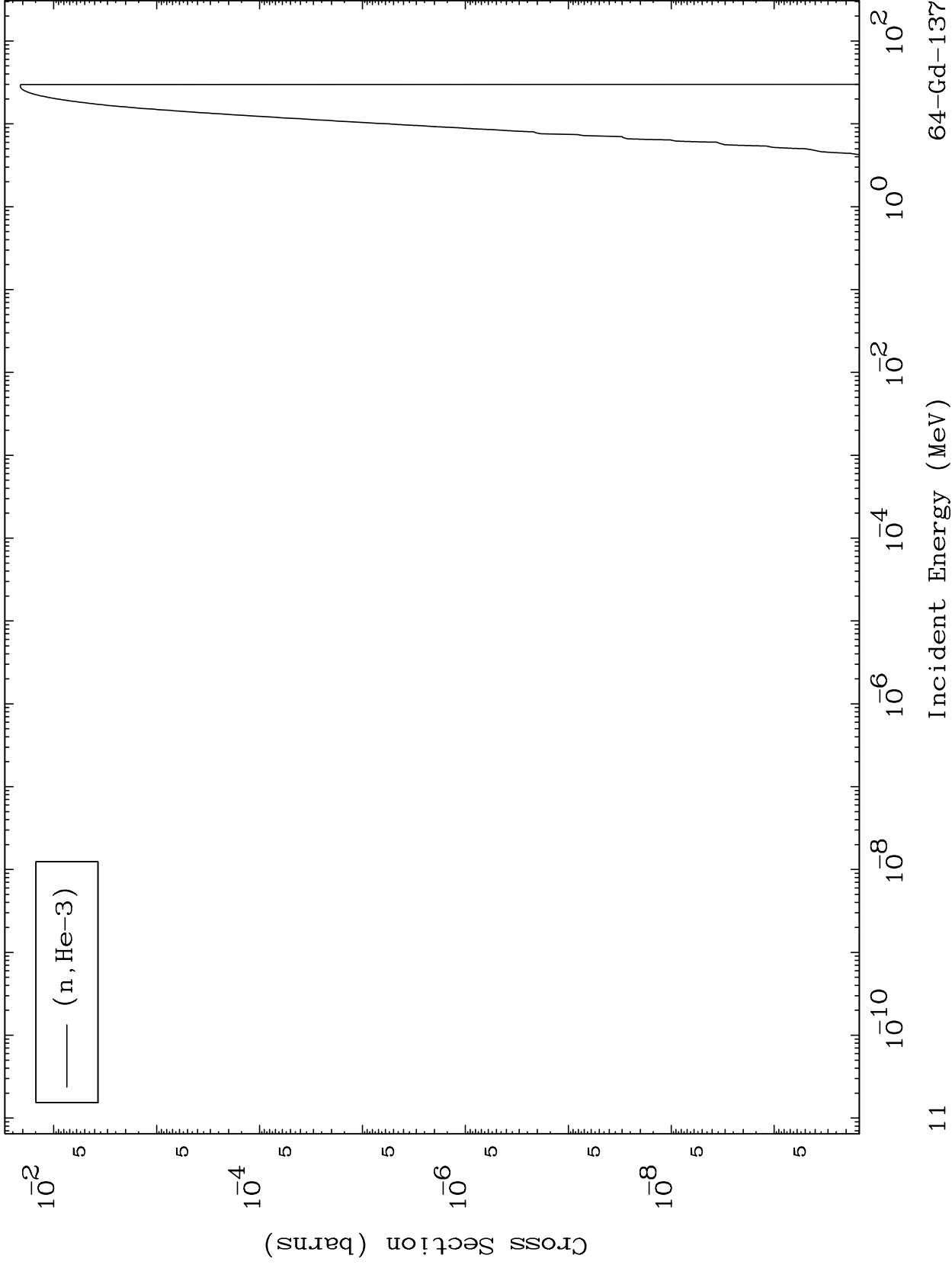
Incident Energy (MeV)

64-Gd-137

MAT 6380

(n,He3) Levels
293 Kelvin Cross Sections

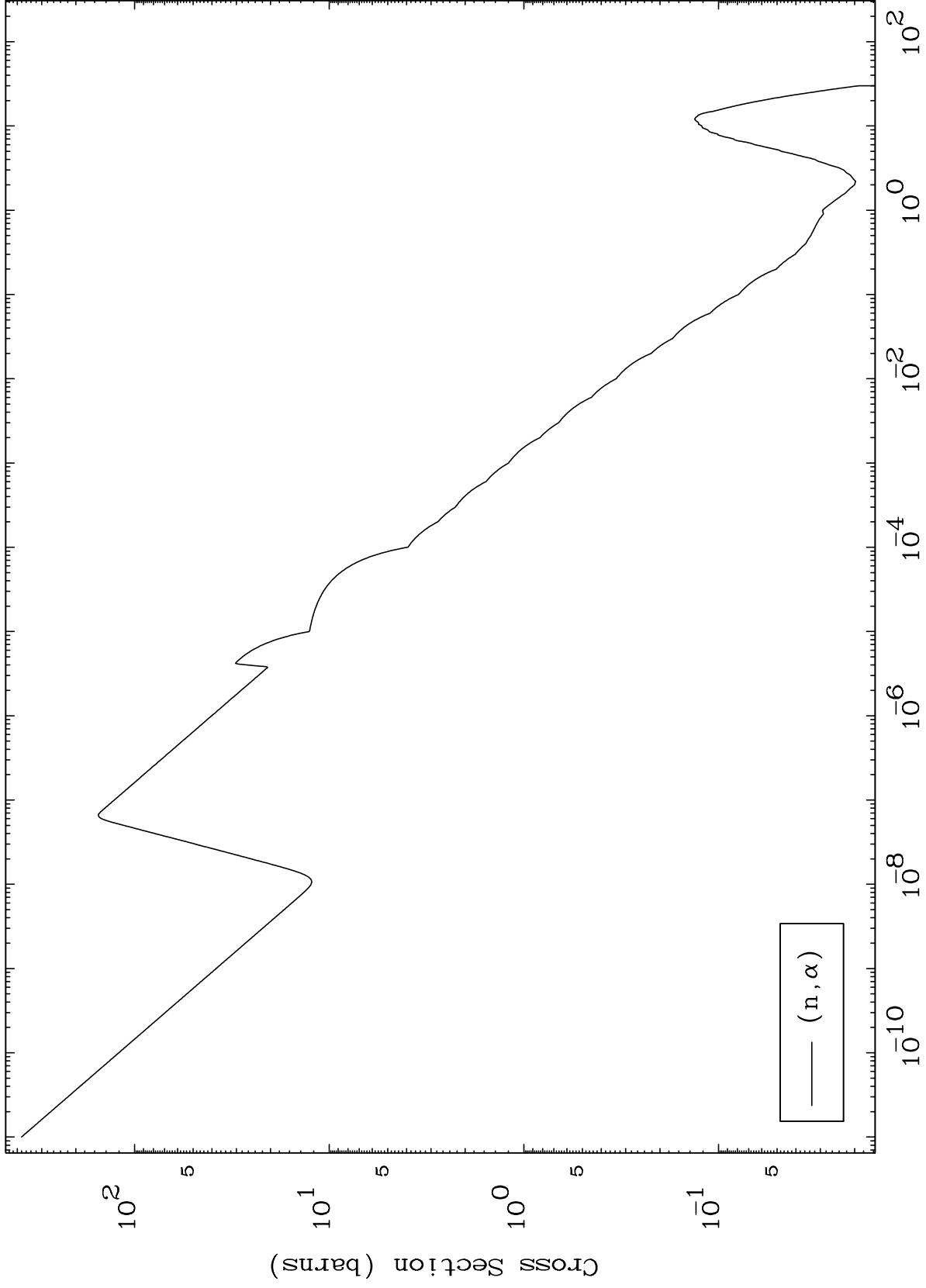
64-Gd-137



MAT 6380

(n,α) Levels
293 Kelvin Cross Sections

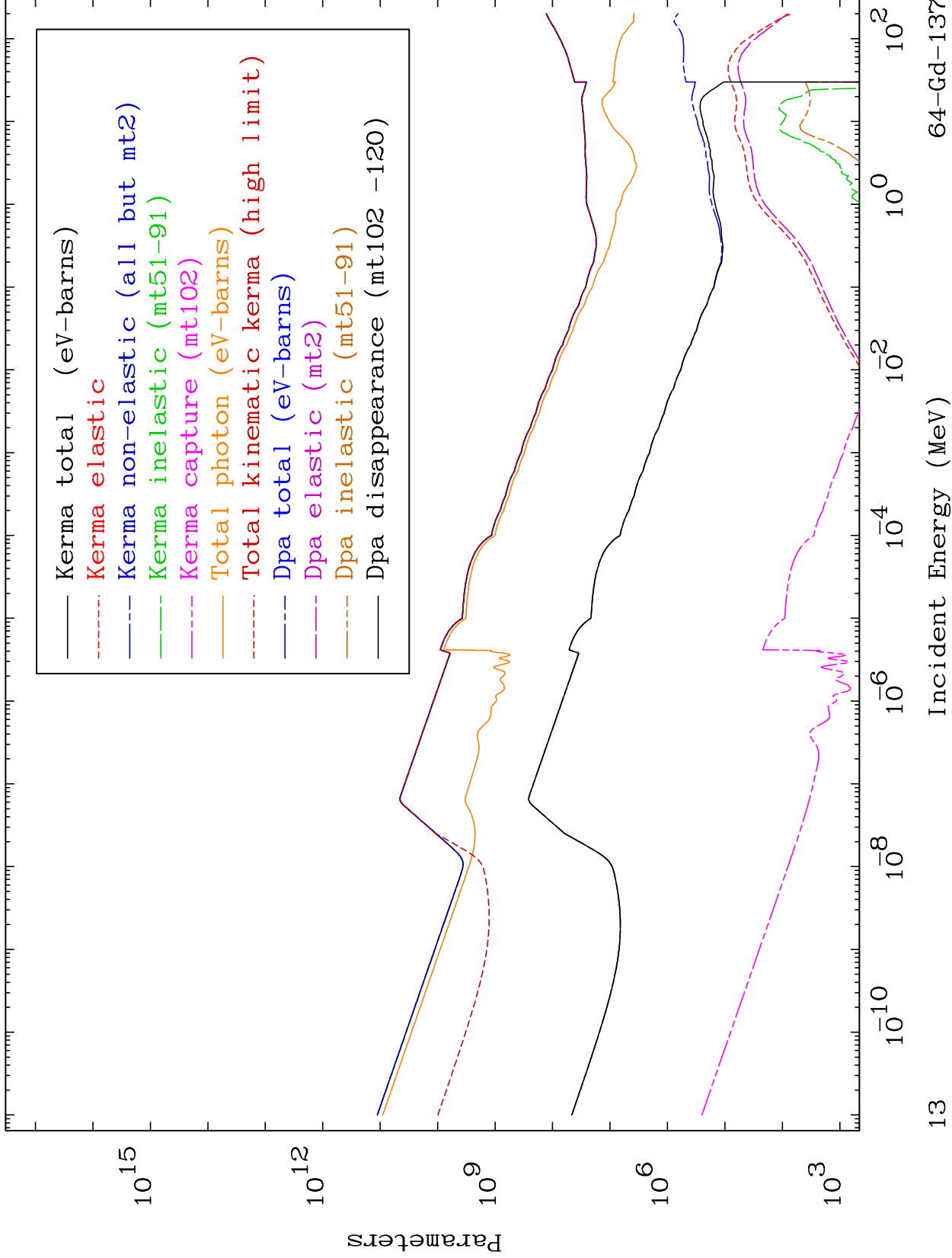
64-Gd-137



12

Incident Energy (MeV)

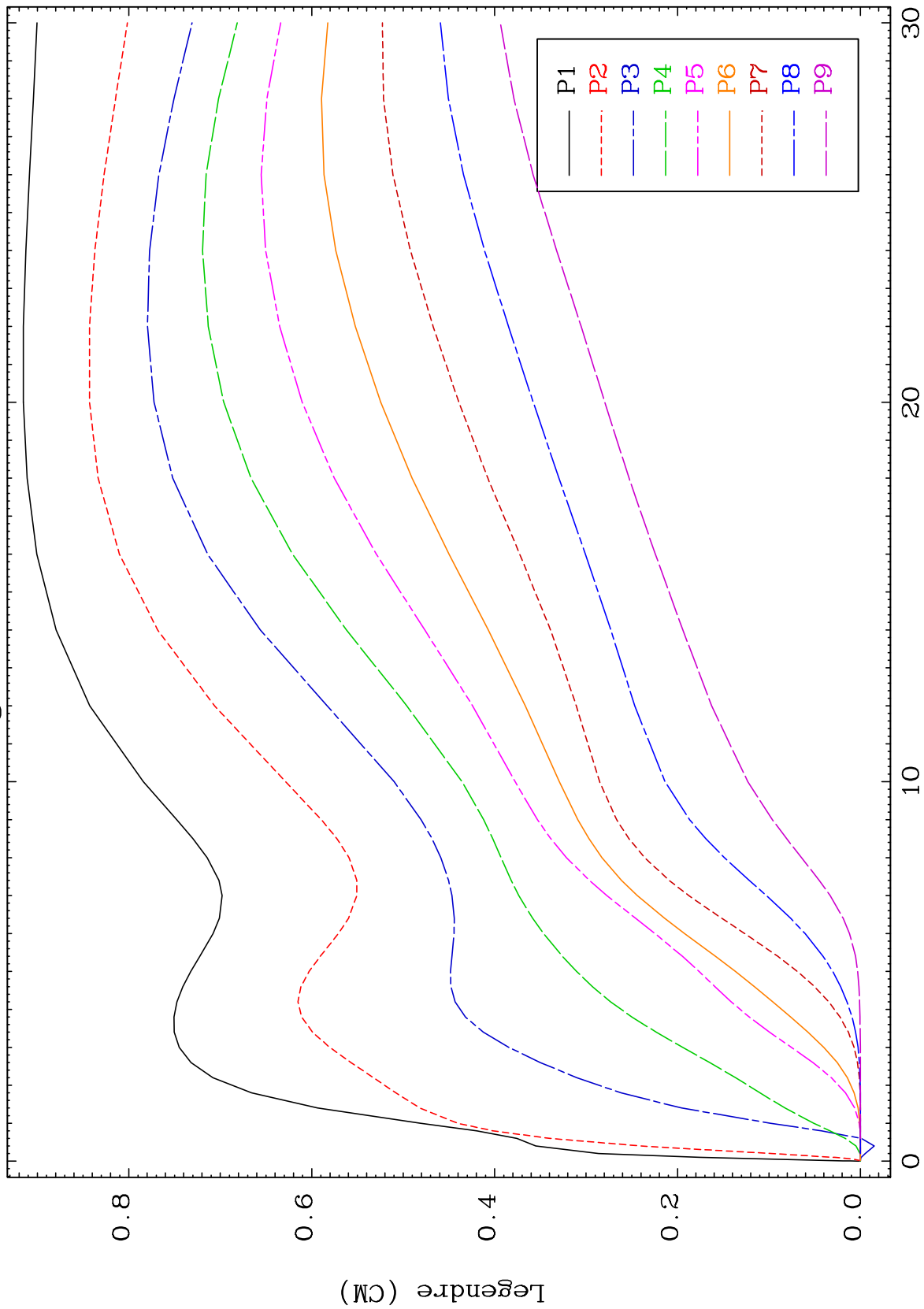
64-Gd-137



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Elastic Legendre Coefficients

64-Gd-137



14

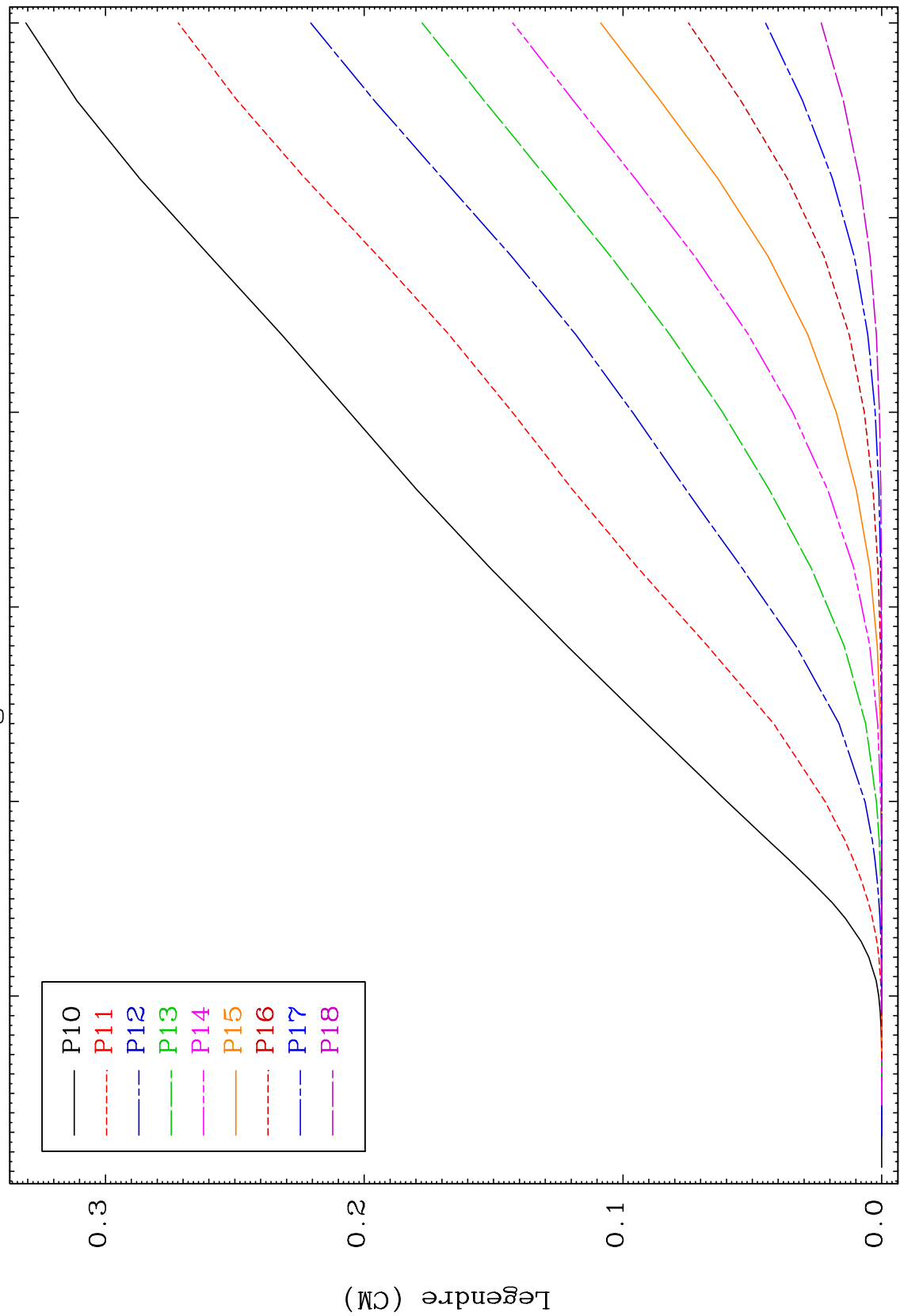
Incident Energy (MeV)

64-Gd-137

MAT 6380

Elastic Legendre Coefficients

64-Gd-137



15

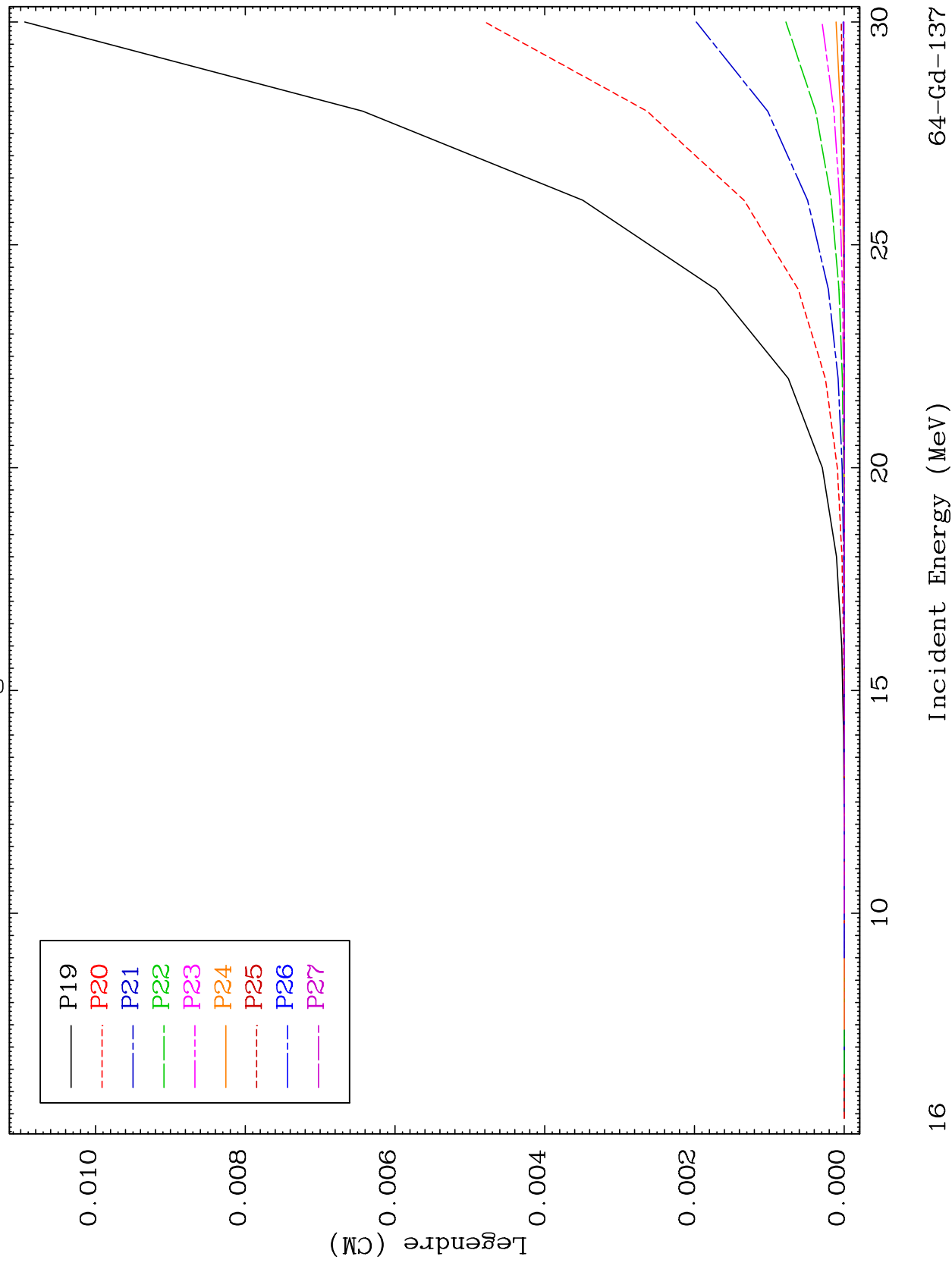
Incident Energy (MeV)

64-Gd-137

MAT 6380

Elastic Legendre Coefficients

64-Gd-137



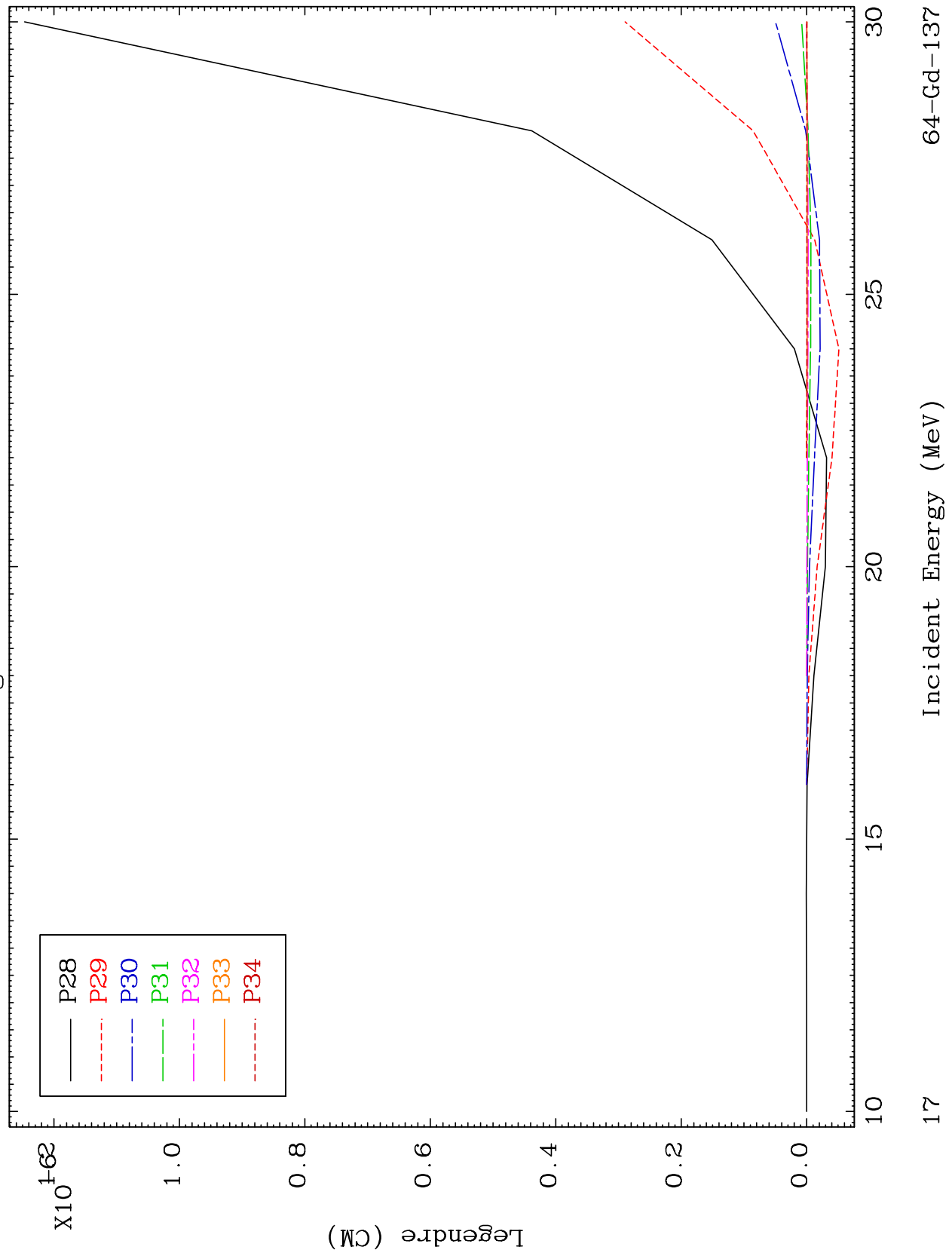
16

64-Gd-137

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Elastic Legendre Coefficients

64-Gd-137



17

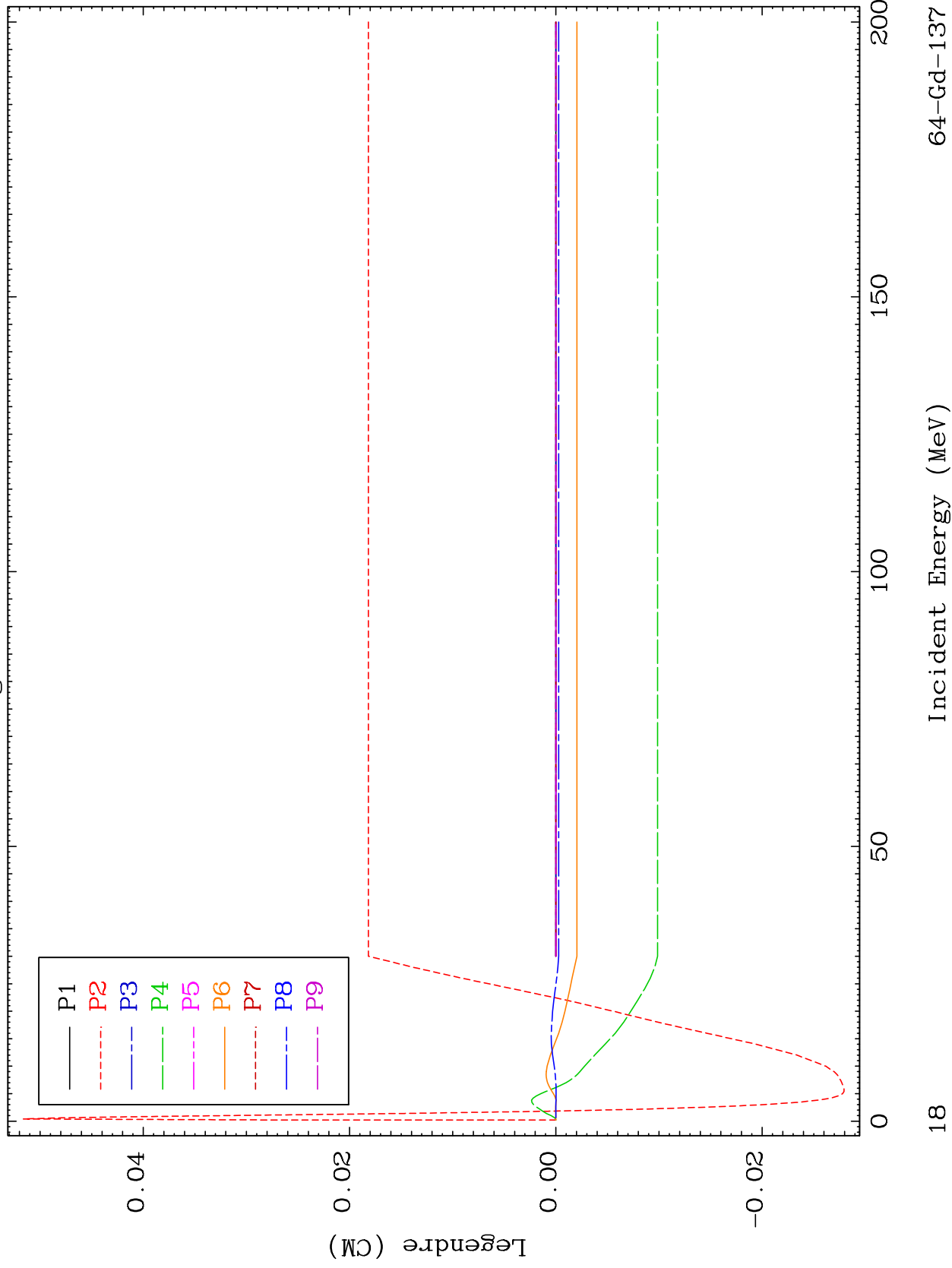
Incident Energy (MeV)

64-Gd-137

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

64-Gd-137



64-Gd-137

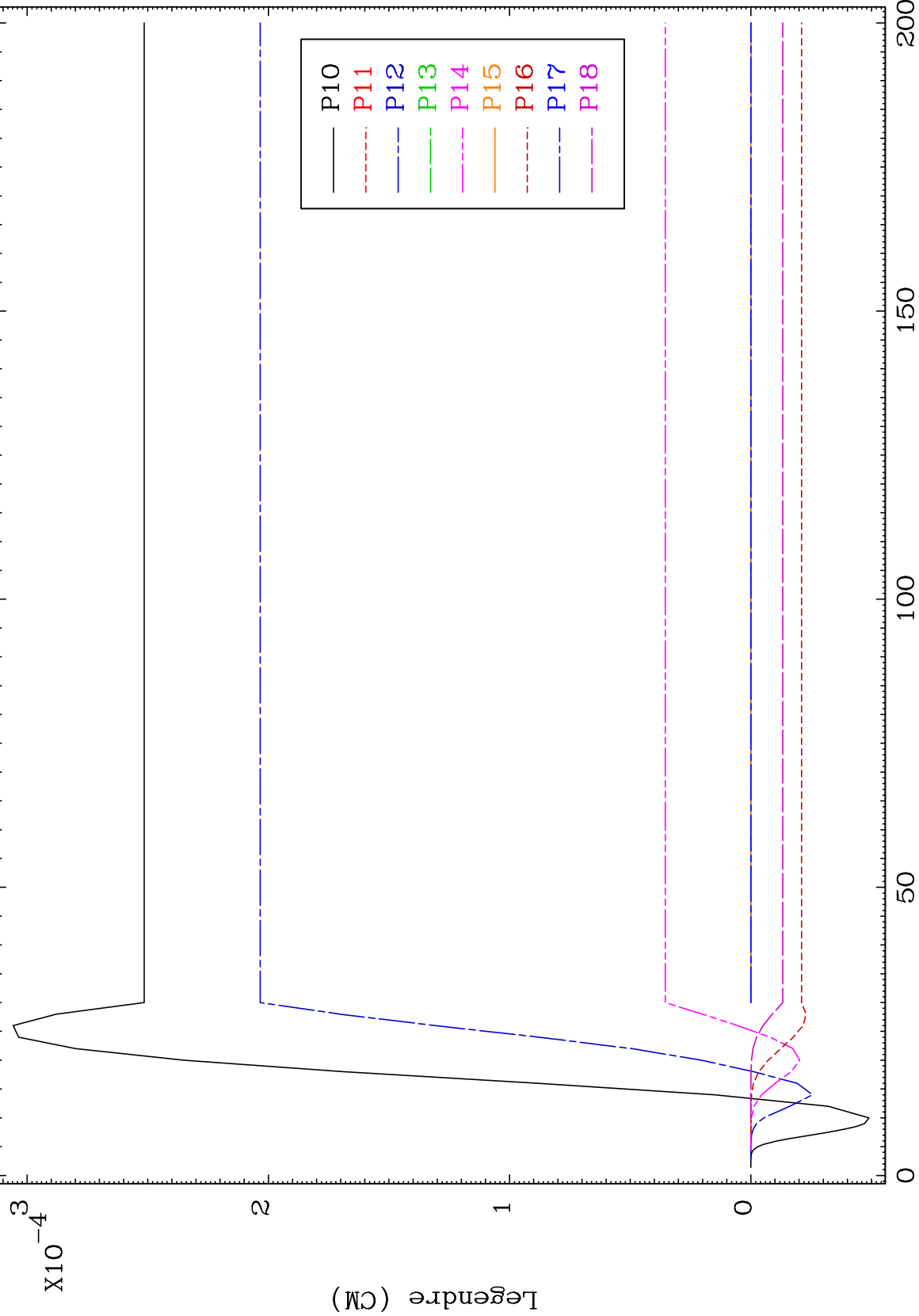
Incident Energy (MeV)

18

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

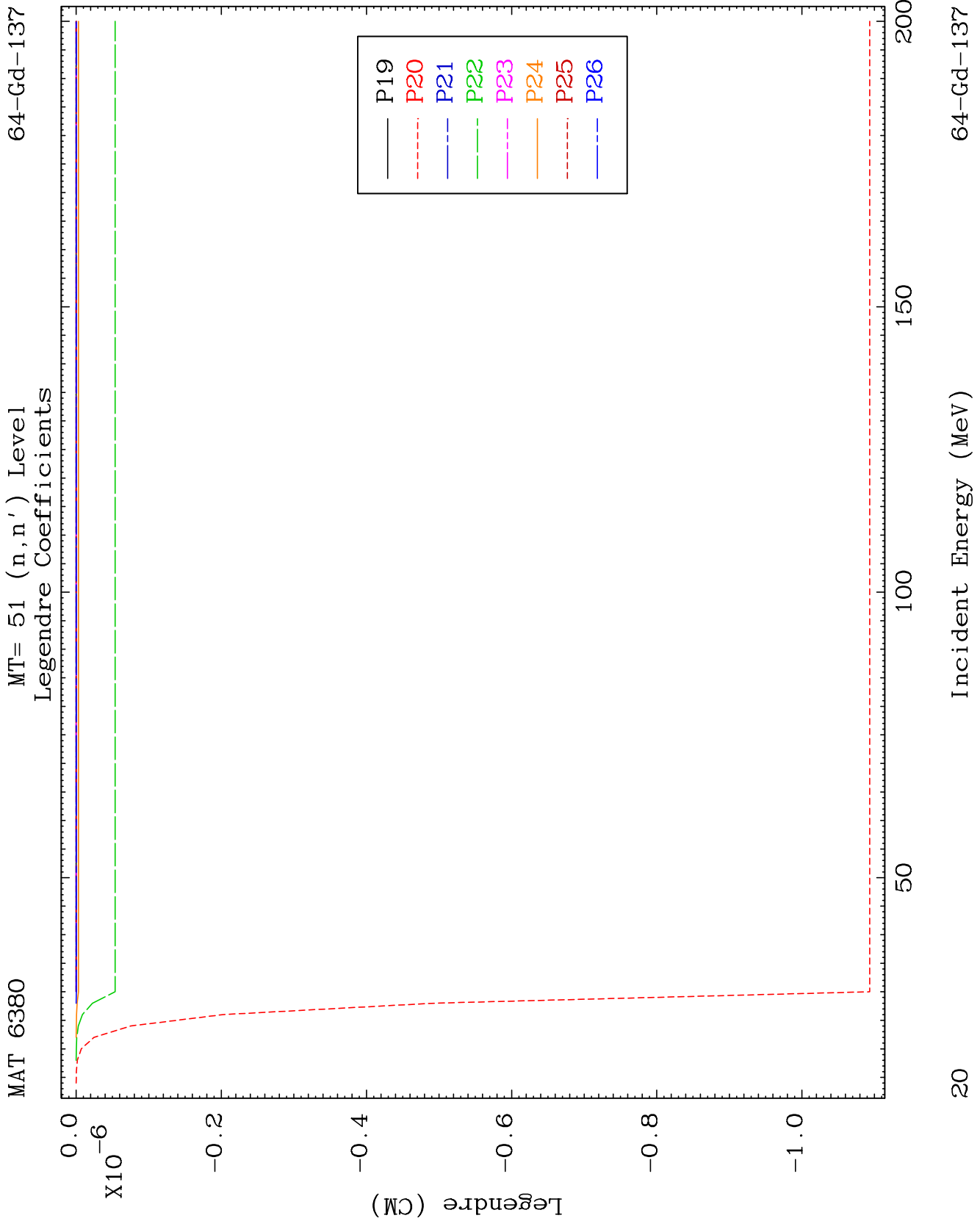
64-Gd-137



19

Incident Energy (MeV)

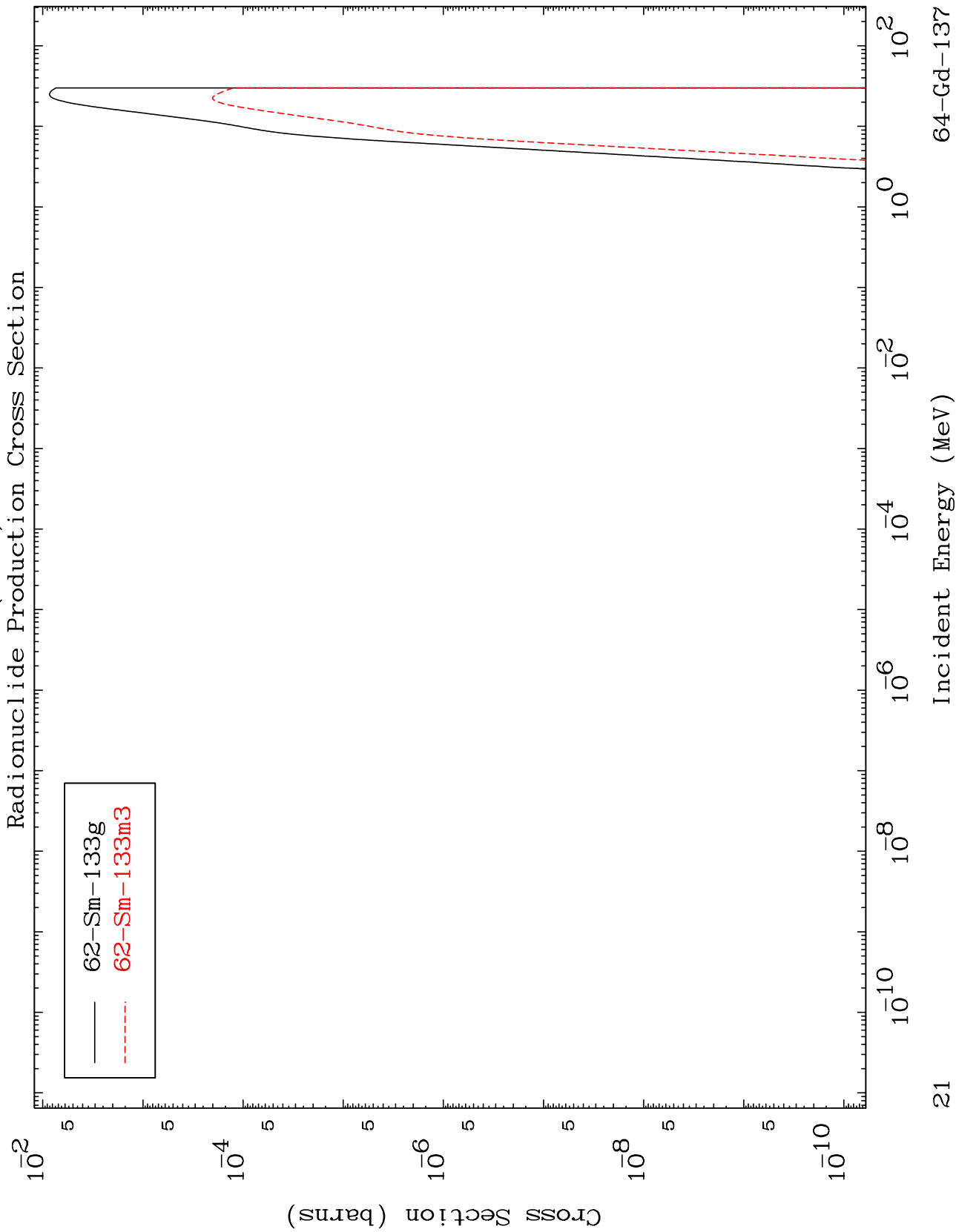
64-Gd-137



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$(n, n') \alpha$

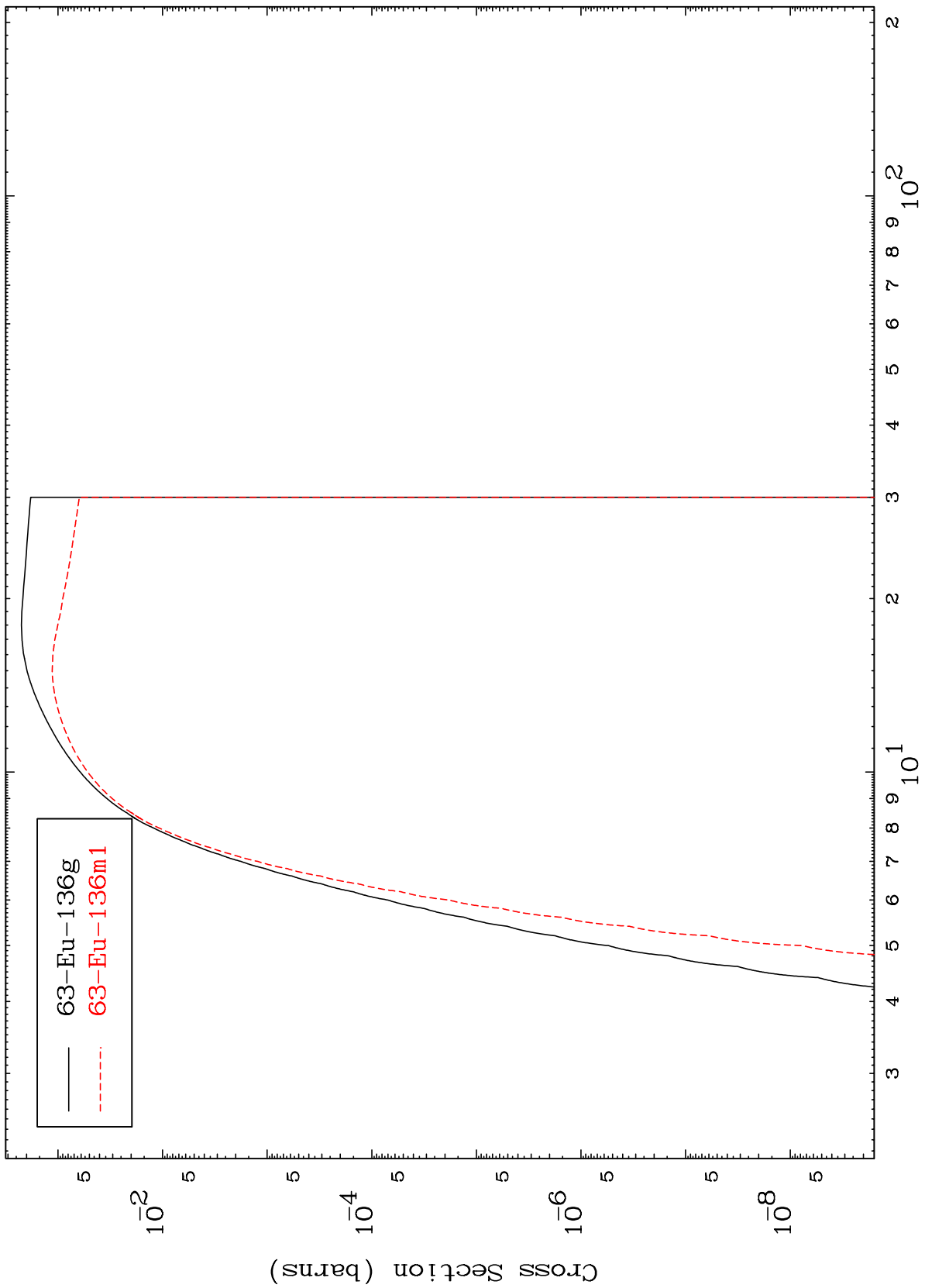
$^{64}\text{Gd}-137$



MAT 6380

64-Gd-137

(n,n') p
Radionuclide Production Cross Section



Incident Energy (MeV)

64-Gd-137

MAT 6380

(n,d)

64-Gd-137

Radionuclide Production Cross Section

