

Program EVALPLOT
(Version 2017-1)

by

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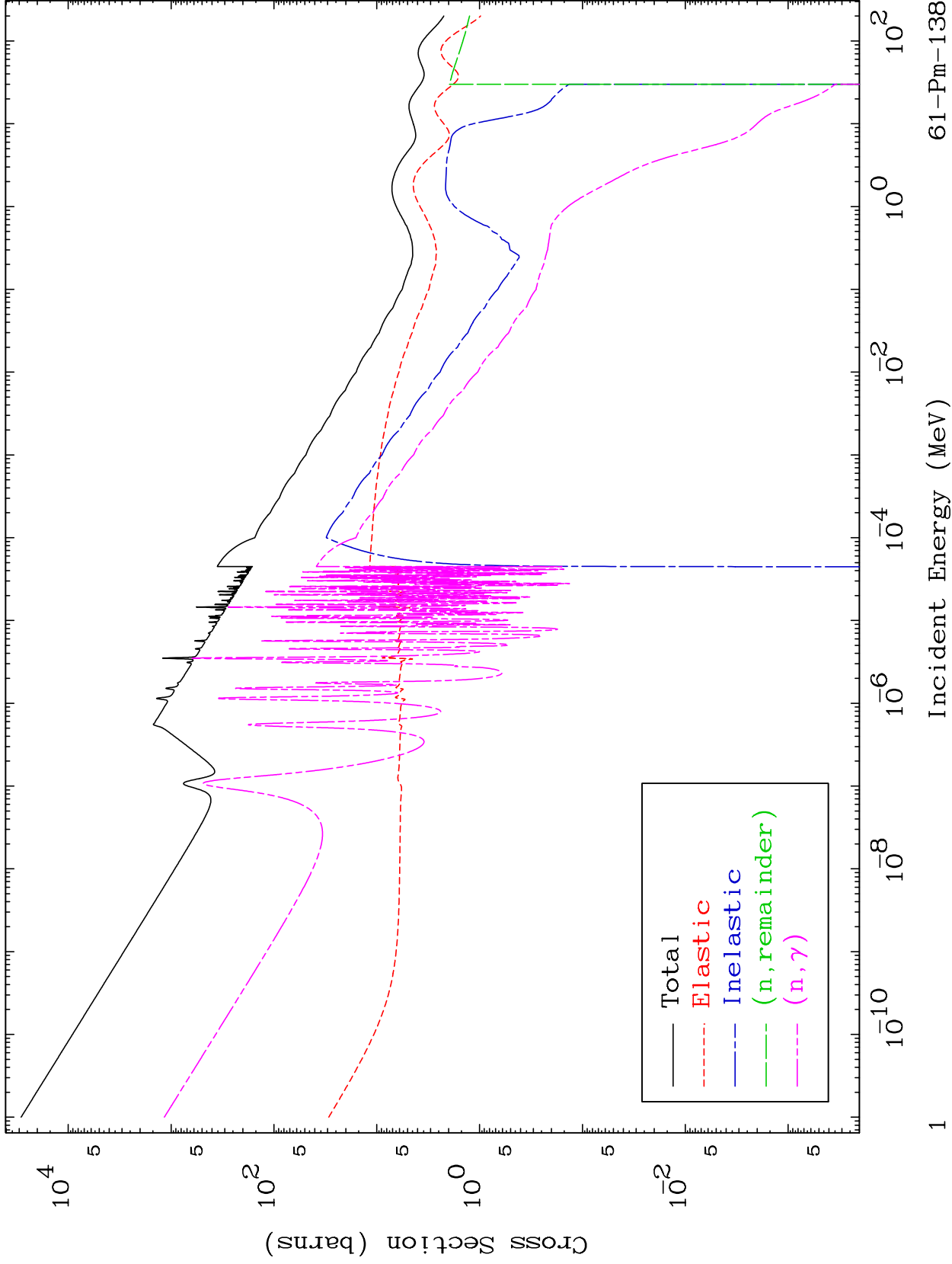
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6123

Major
293 Kelvin Cross Sections

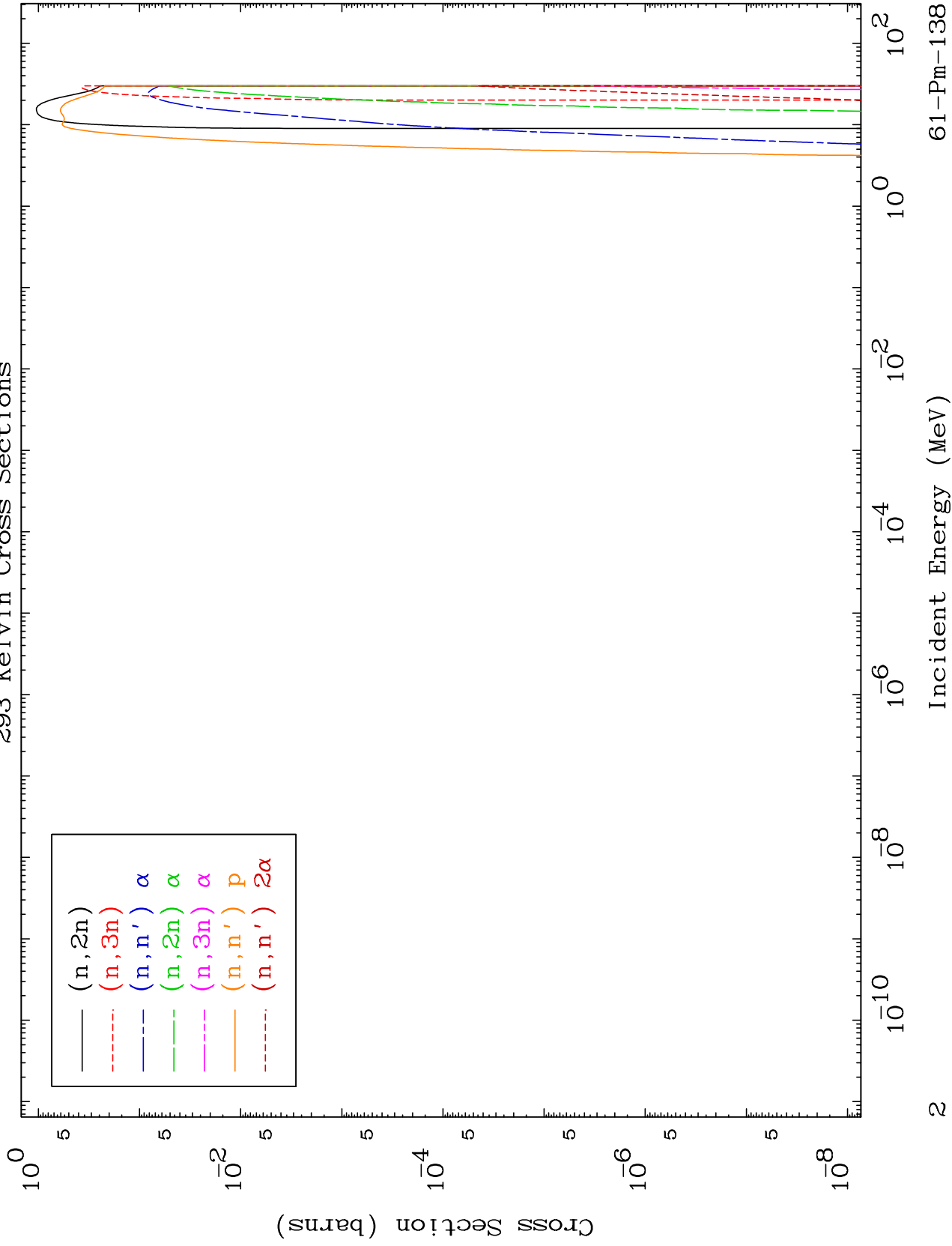
61-Pm-138

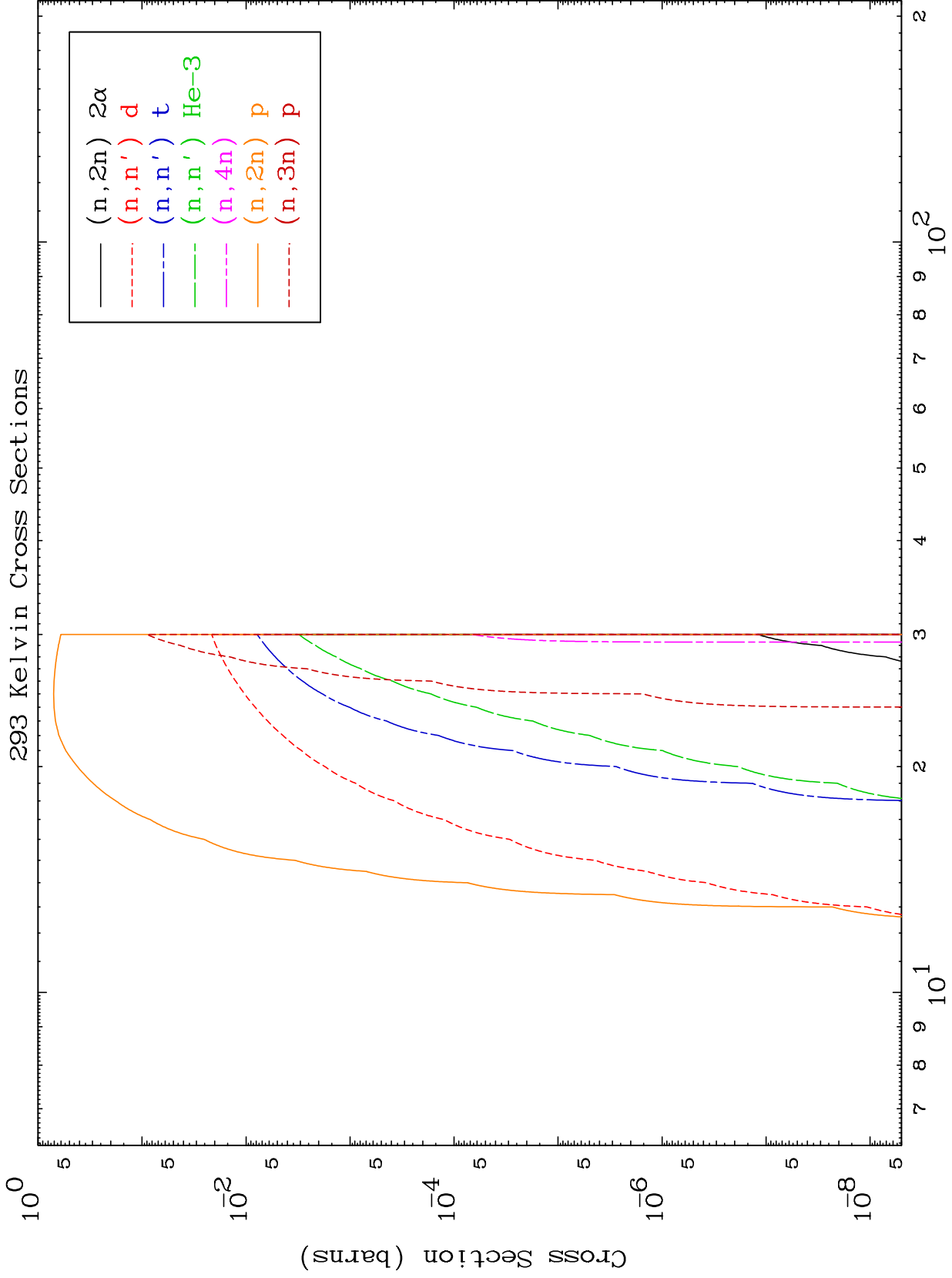


MAT 6123

Neutron Production
293 Kelvin Cross Sections

61-Pm-138

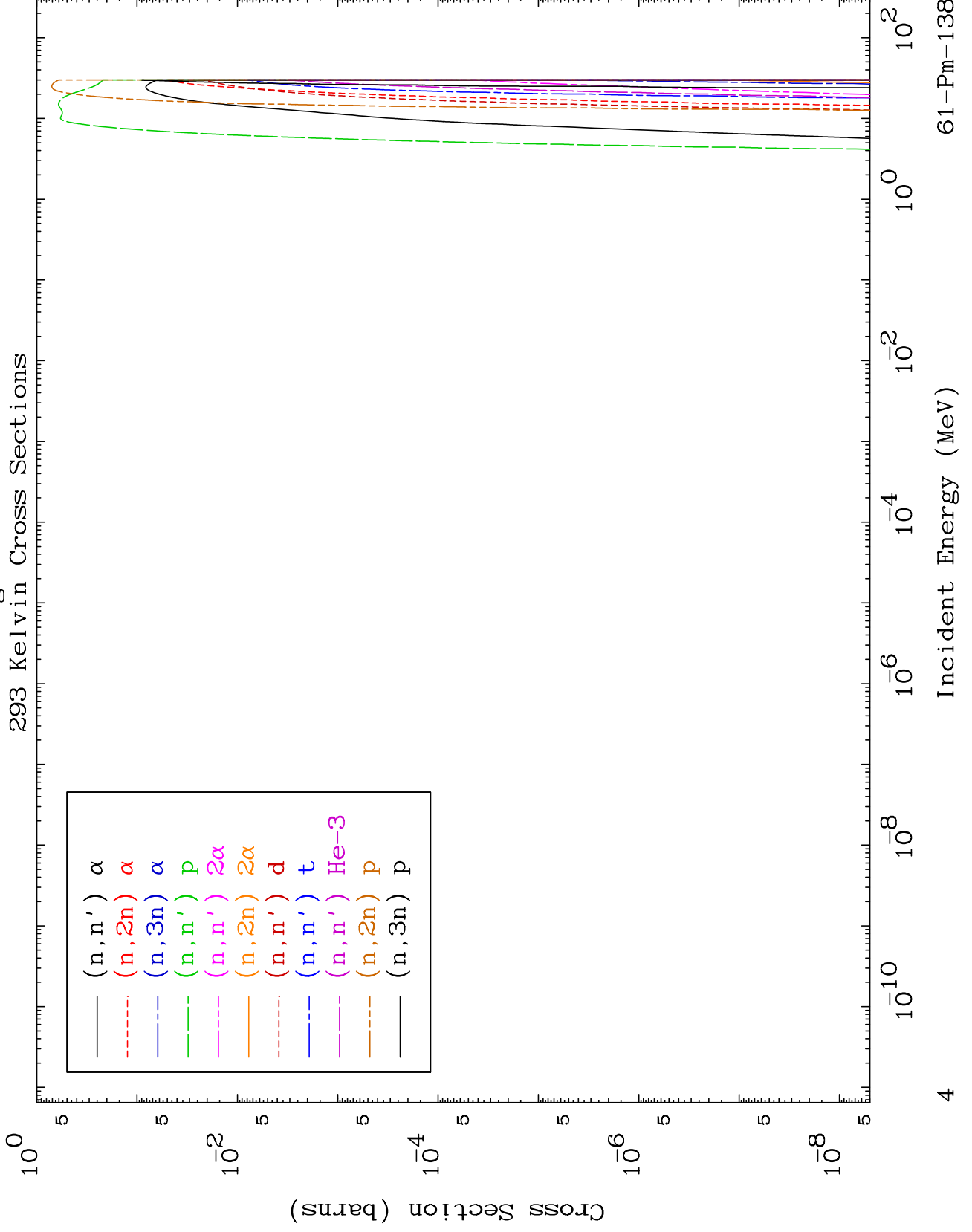




MAT 6123

Charged Particle
293 Kelvin Cross Sections

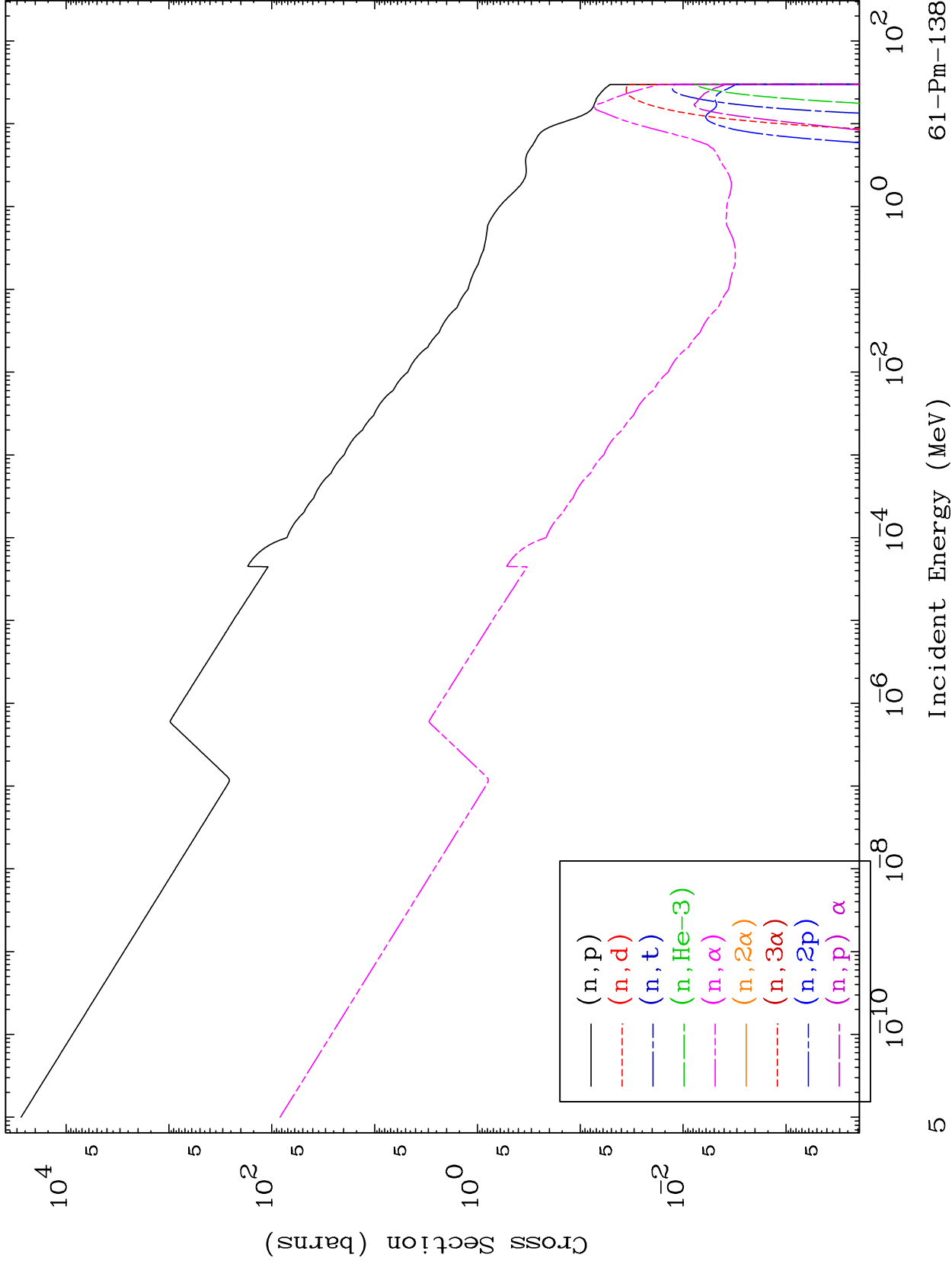
61-Pm-138



MAT 6123

Charged Particle
293 Kelvin Cross Sections

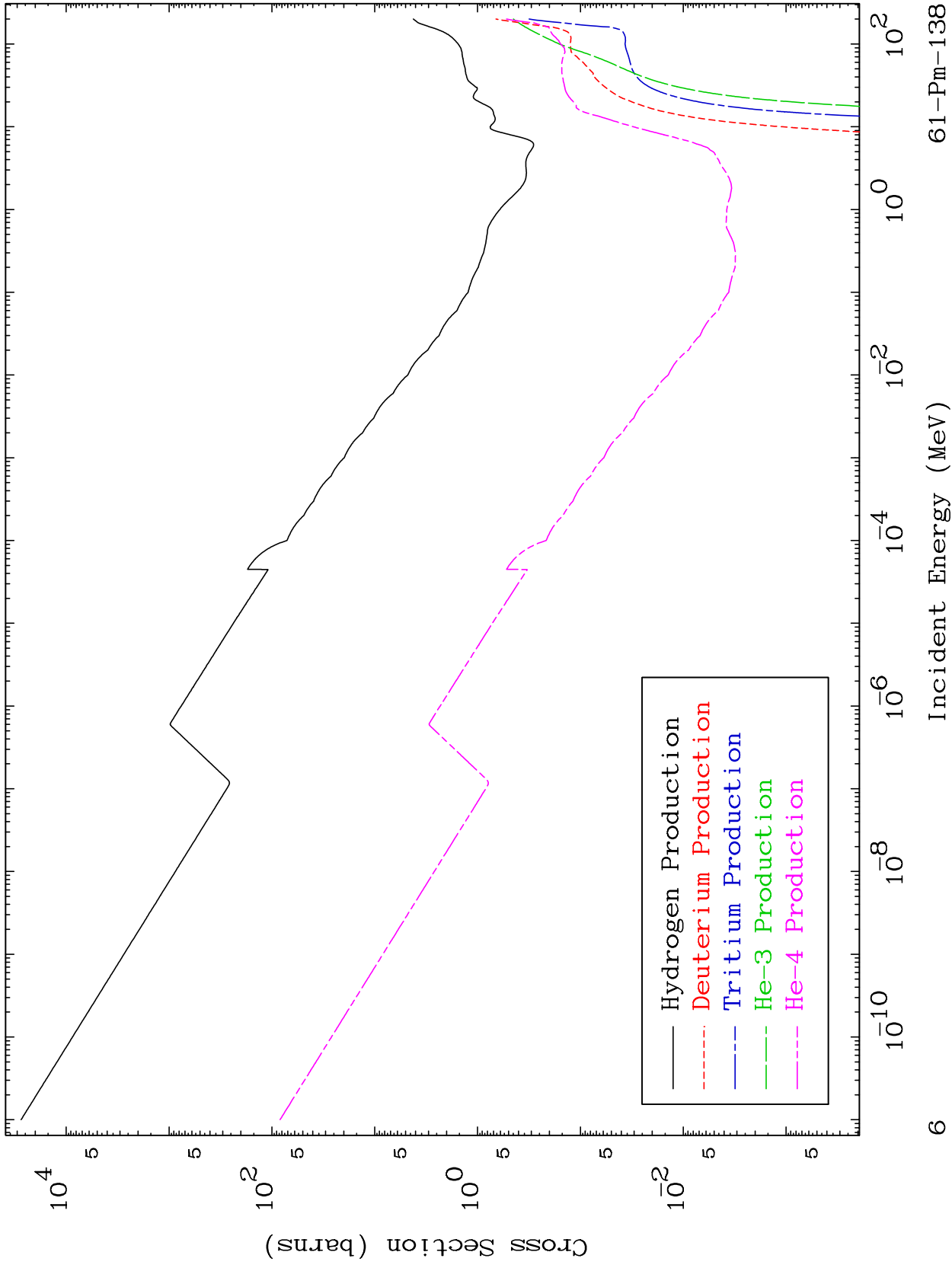
61-Pm-138



MAT 6123

Particle Production
293 Kelvin Cross Sections

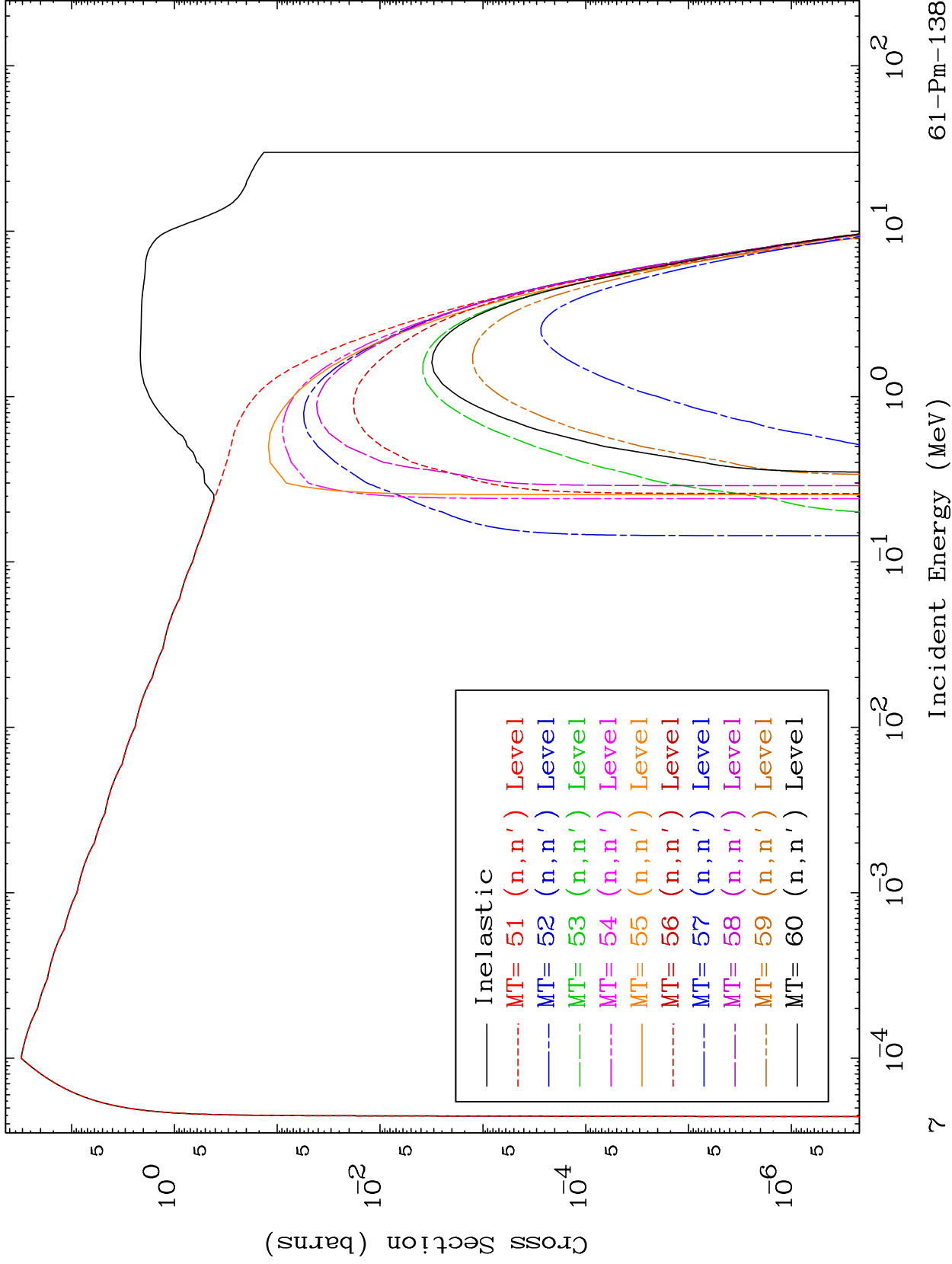
61-Pm-138



MAT 6123

(n,n') Level
293 Kelvin Cross Sections

61-Pm-138

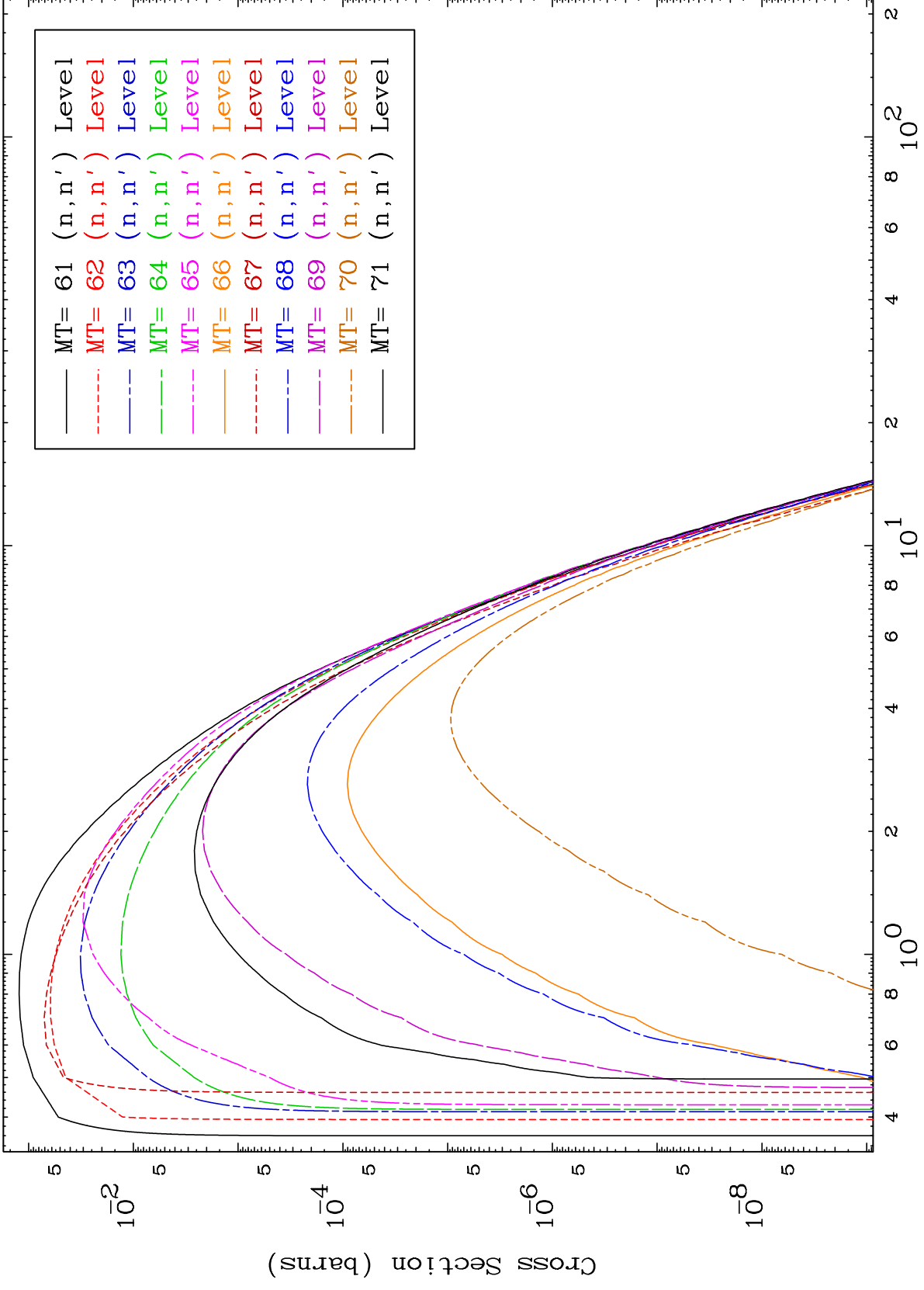


MAT 6123

(n,n') Level

61-Pm-138

293 Kelvin Cross Sections

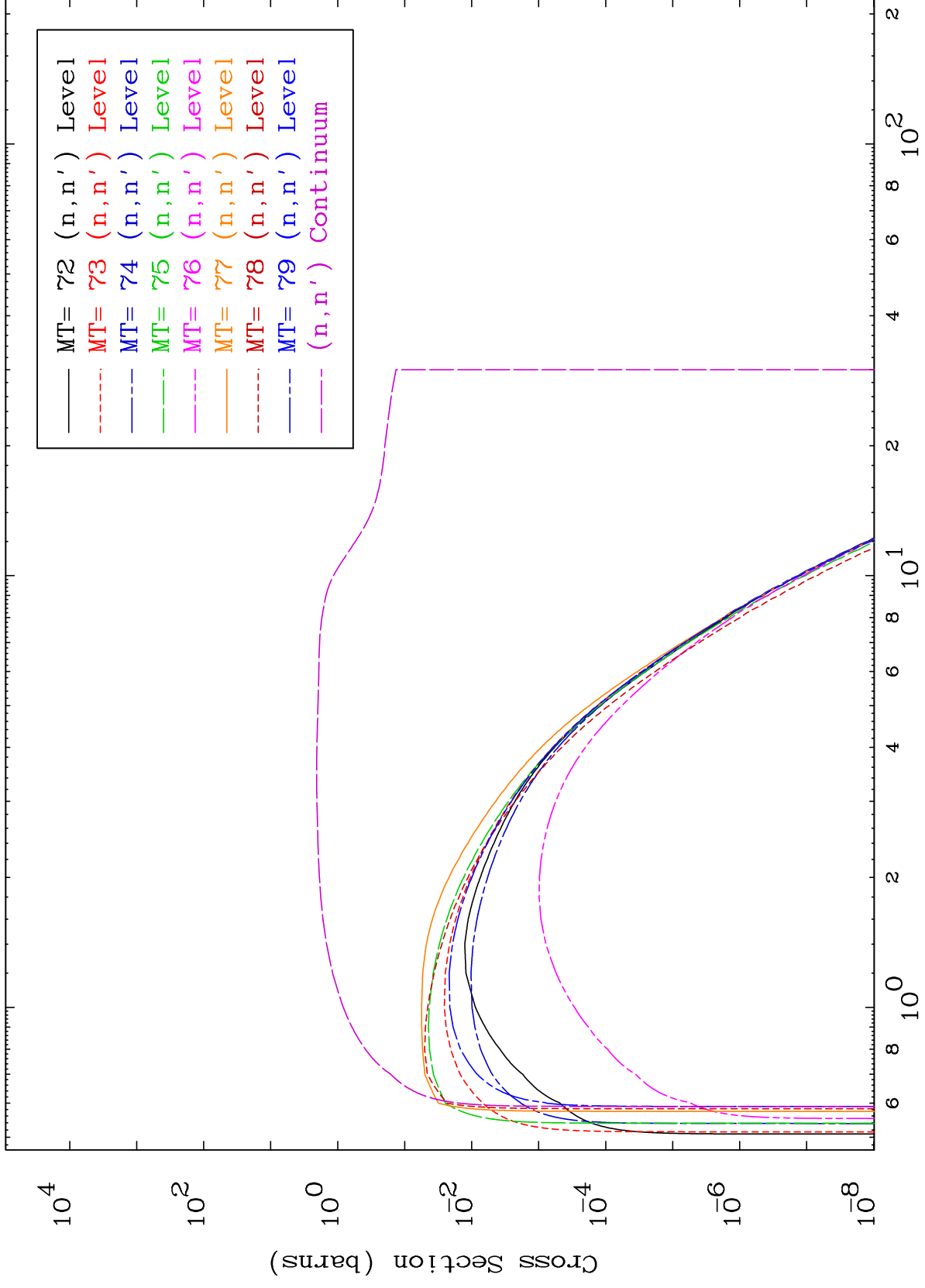


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Incident Energy (MeV)

61-Pm-138

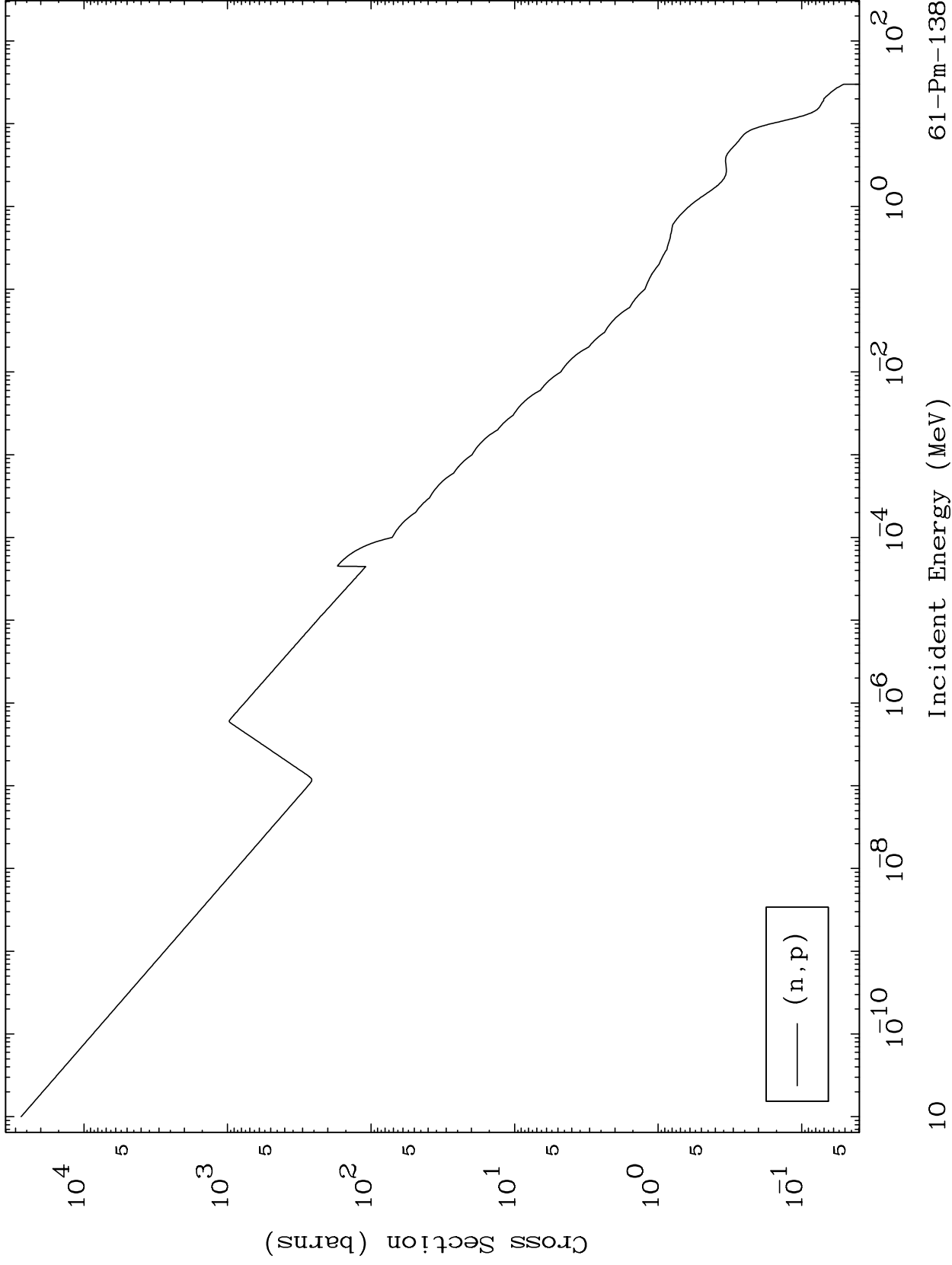
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

61-Pm-138



10

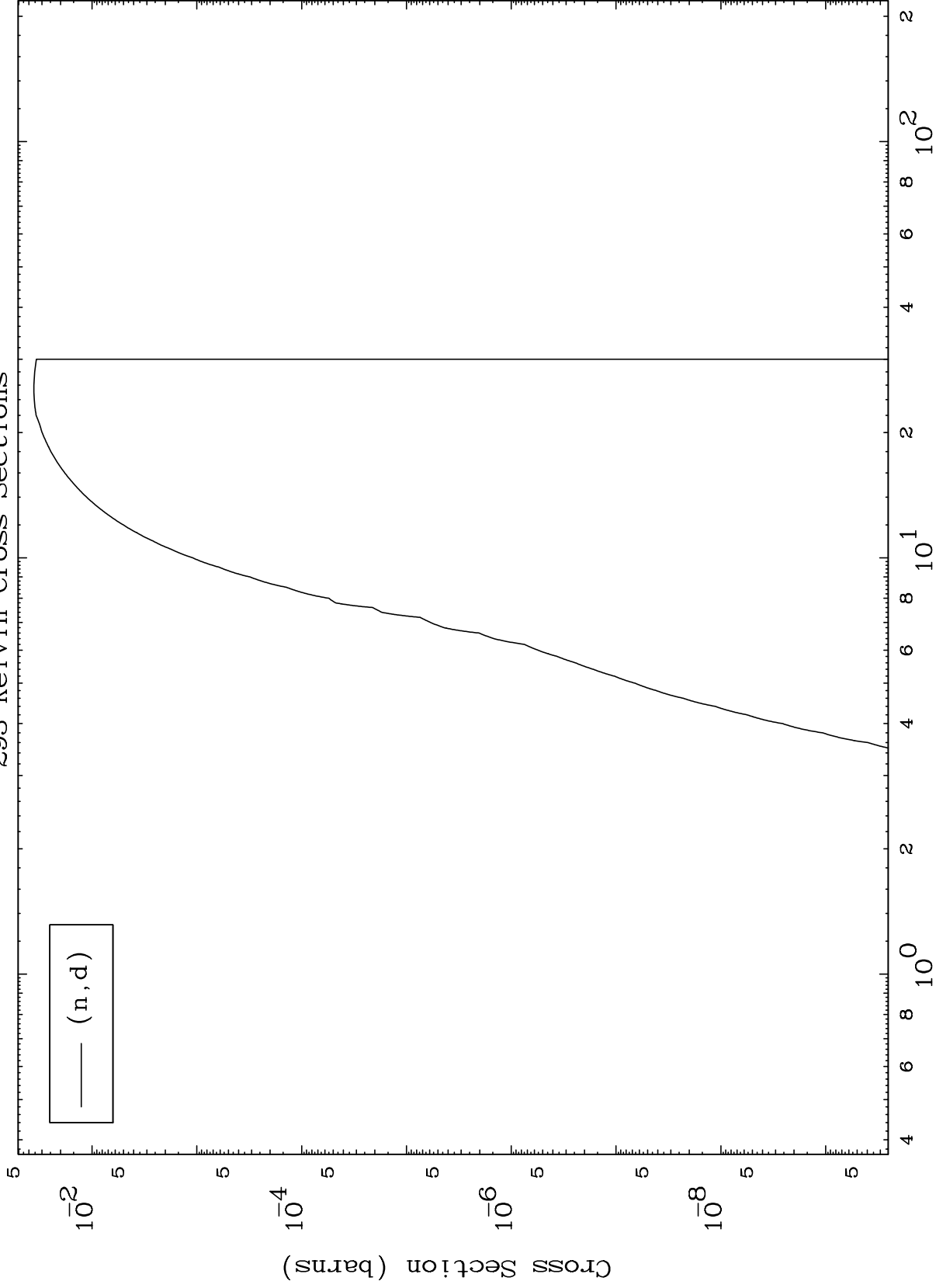
Incident Energy (MeV)

61-Pm-138

MAT 6123

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-138



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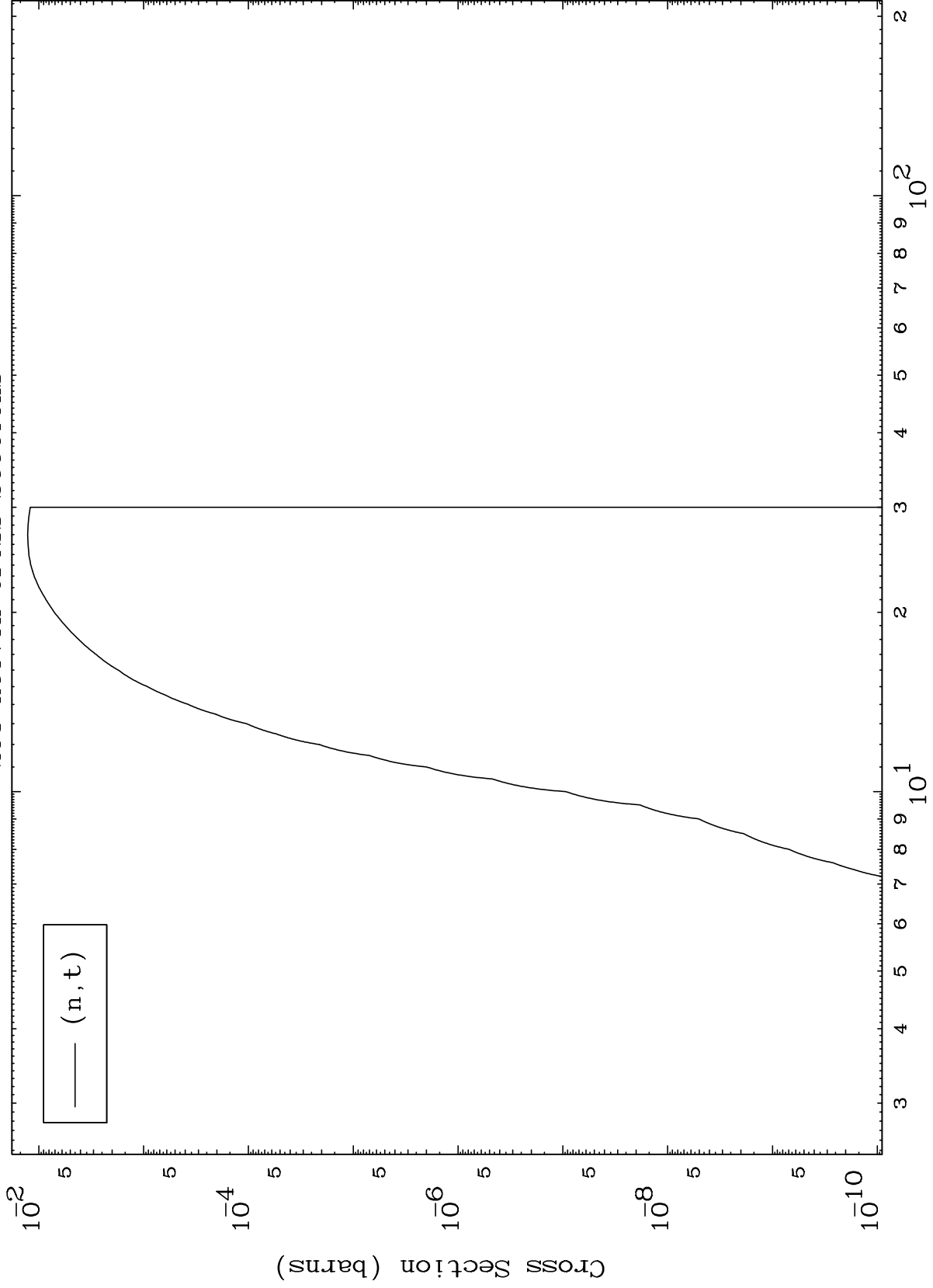
Incident Energy (MeV)

61-Pm-138

MAT 6123

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-138



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Incident Energy (MeV)

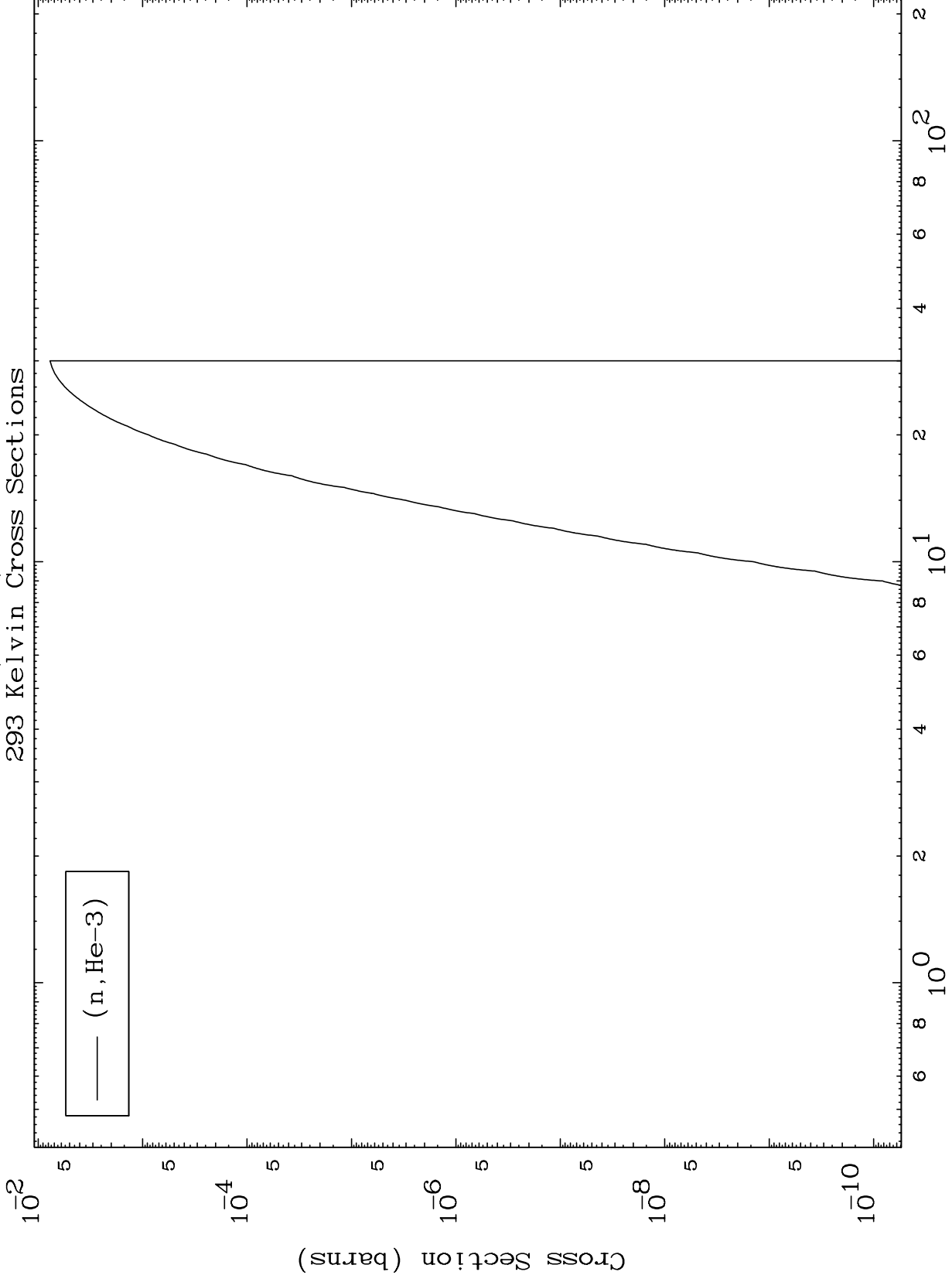
61-Pm-138

MAT 6123

(n,He3) Levels

61-Pm-138

293 Kelvin Cross Sections



13

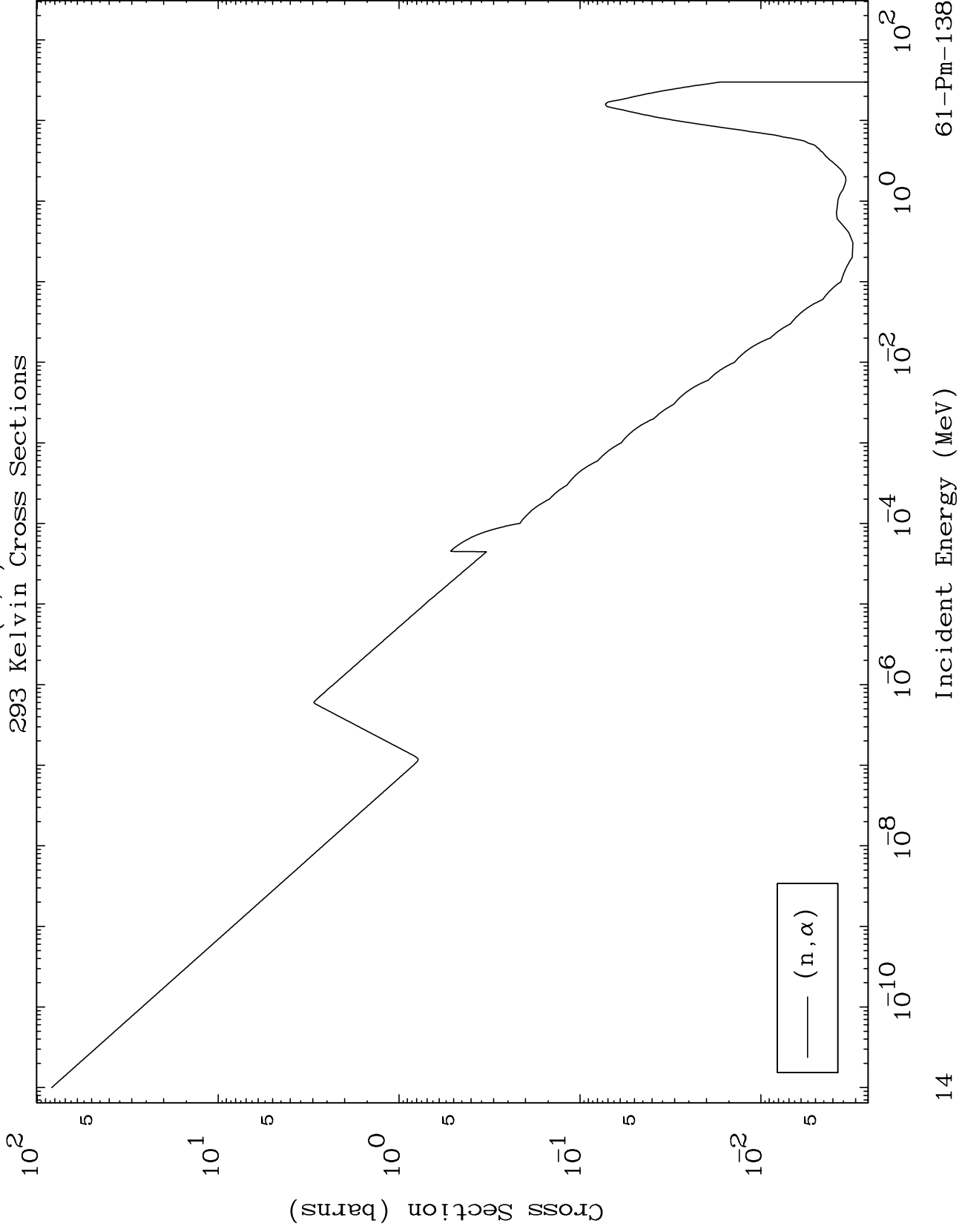
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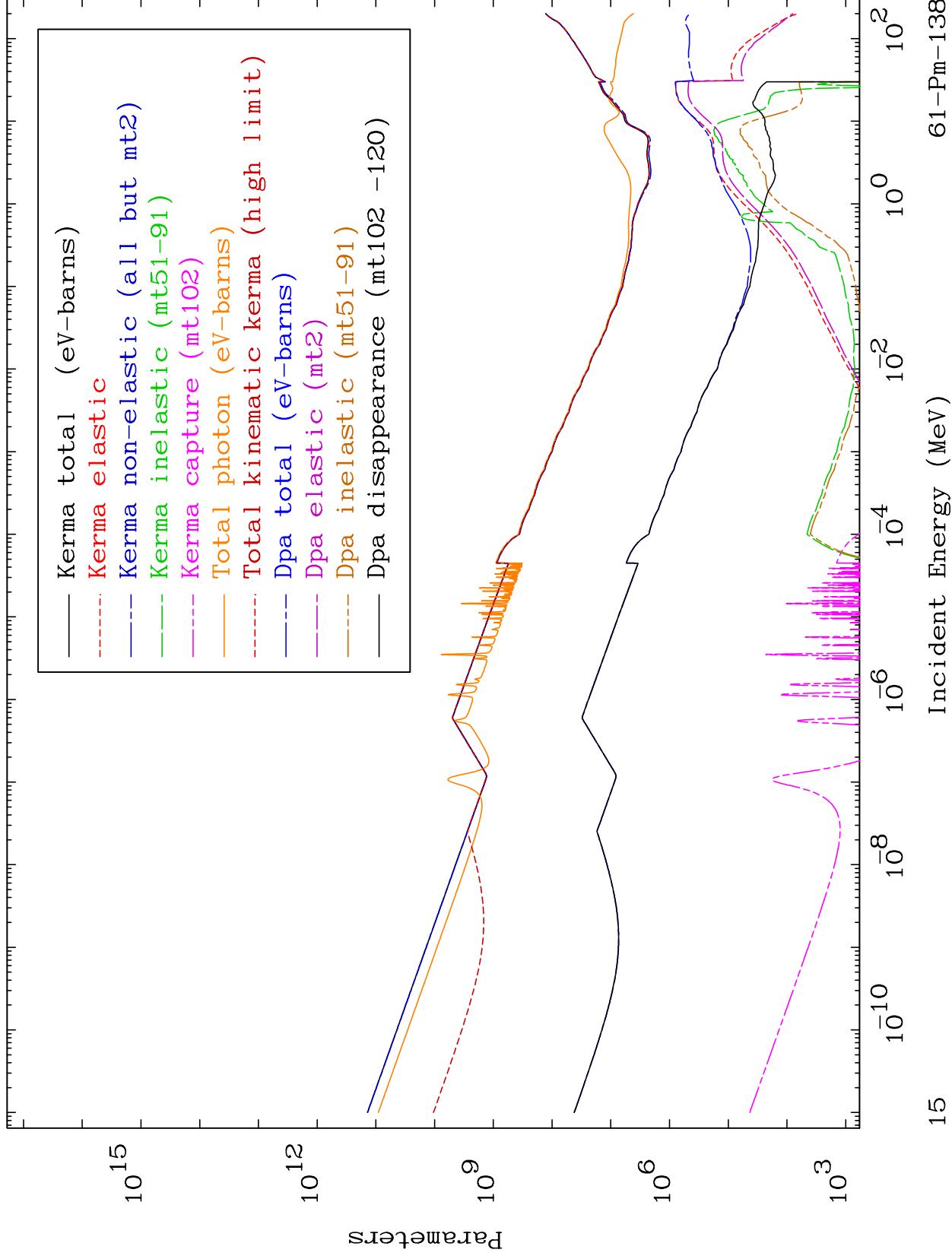
61-Pm-138

MAT 6123

(n,α) Levels
293 Kelvin Cross Sections

61-Pm-138

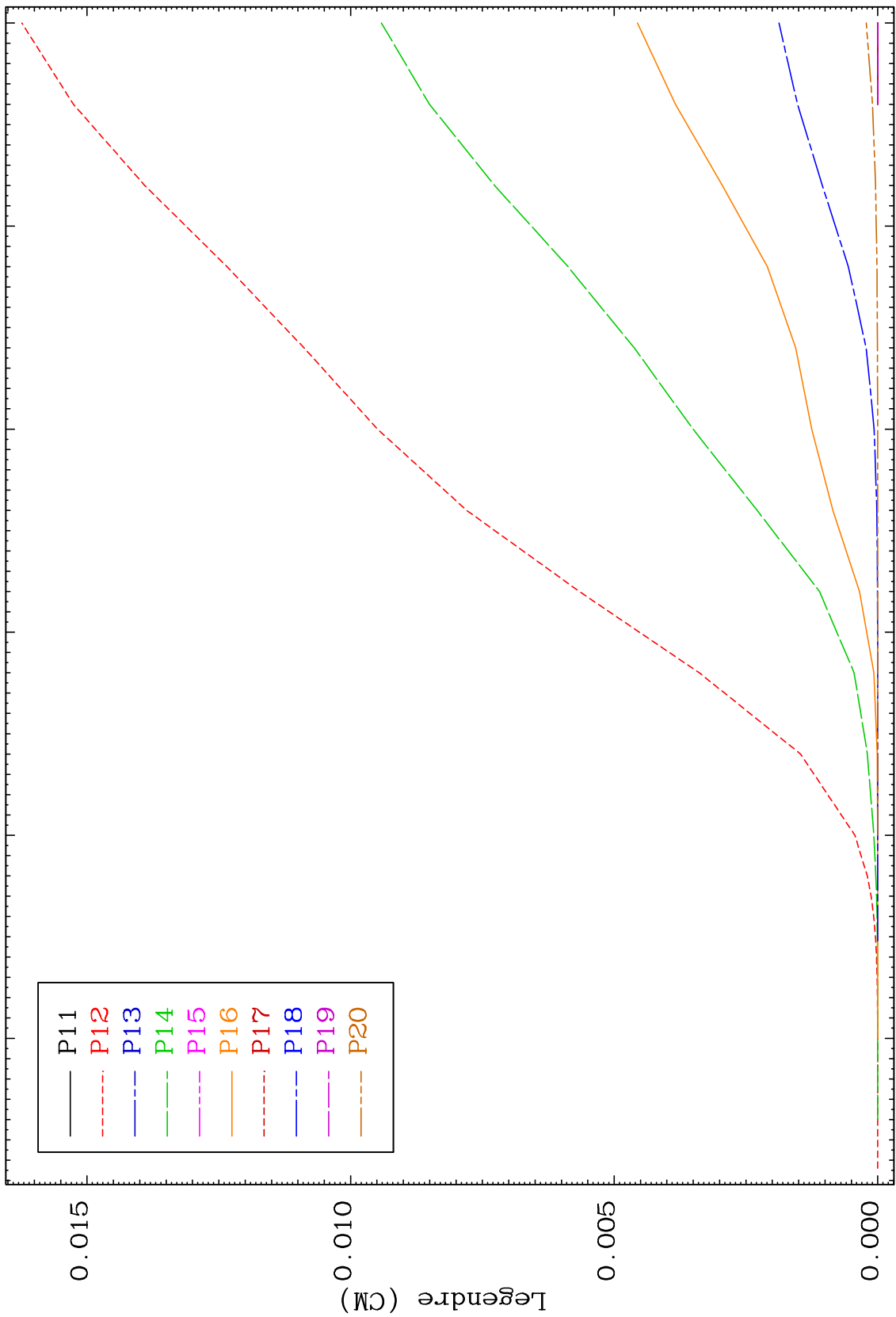




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Elastic Legendre Coefficients

61-Pm-138



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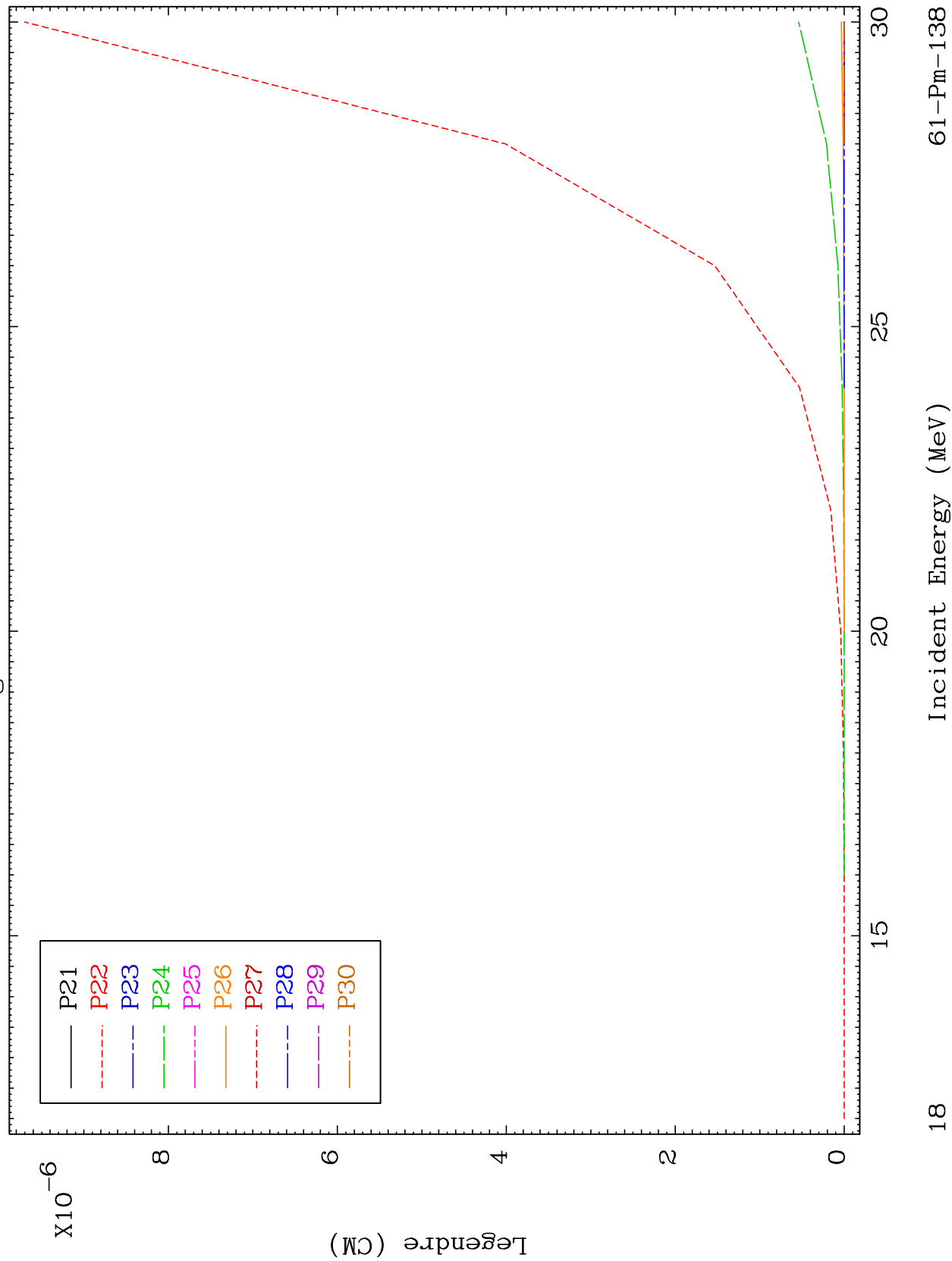
Incident Energy (MeV)

61-Pm-138

MAT 6123

Elastic
Legendre Coefficients

61-Pm-138



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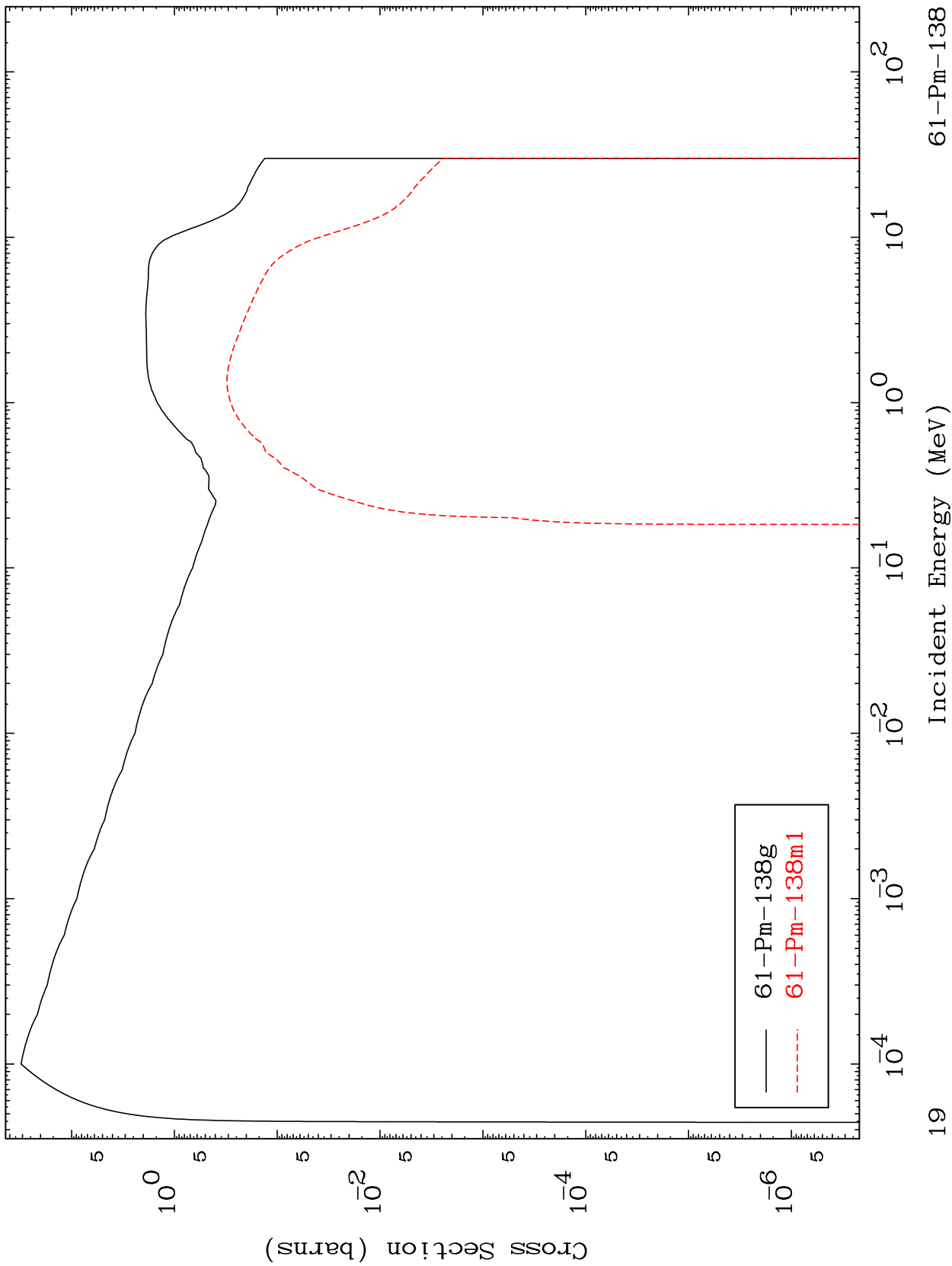
Incident Energy (MeV)

61-Pm-138

MAT 6123

61-Pm-138

Inelastic
Radionuclide Production Cross Section

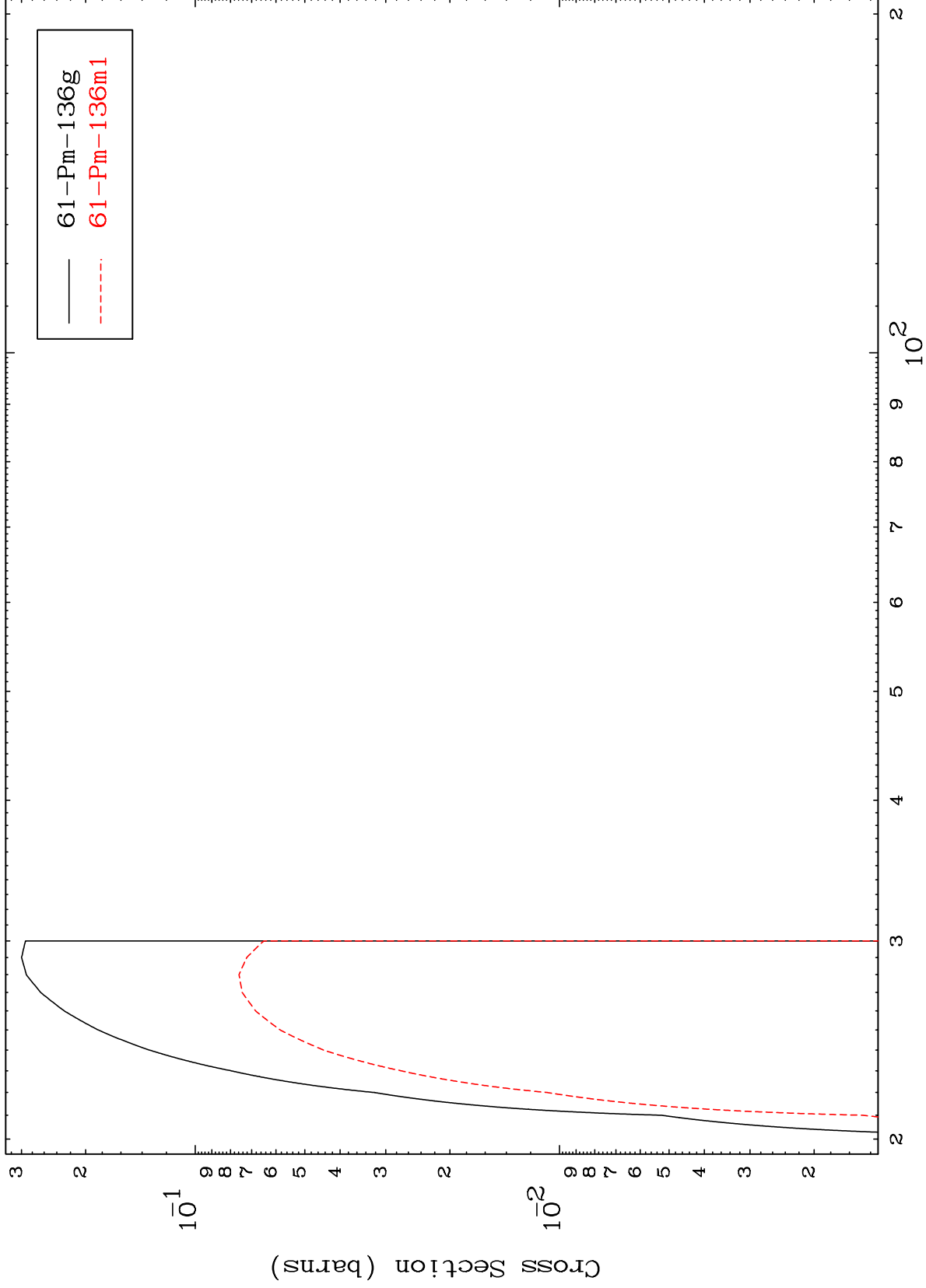


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(n,3n)

61-Pm-138

Radionuclide Production Cross Section



20

Incident Energy (MeV)

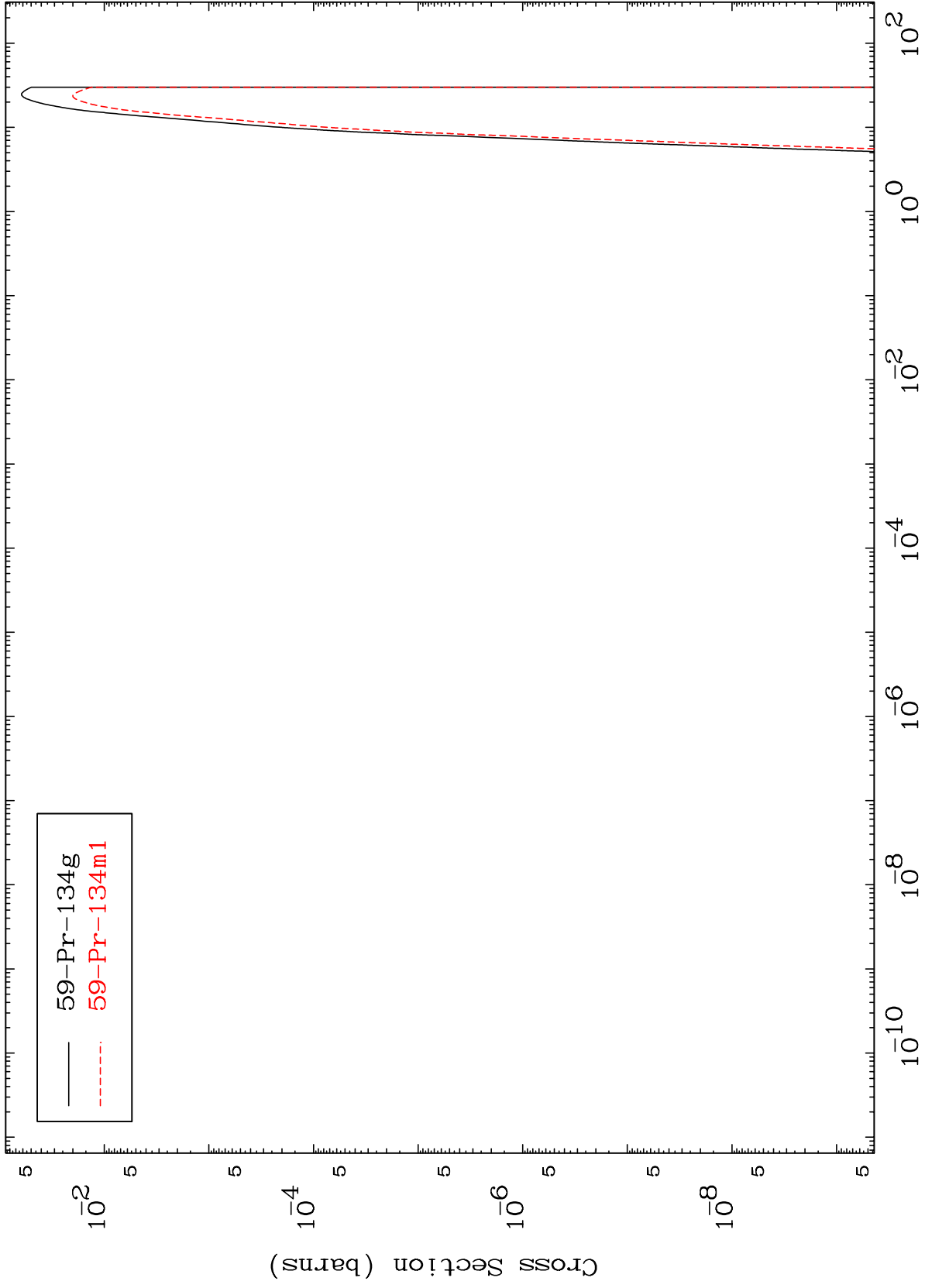
61-Pm-138

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$(n, n') \alpha$

61-Pm-138

Radionuclide Production Cross Section

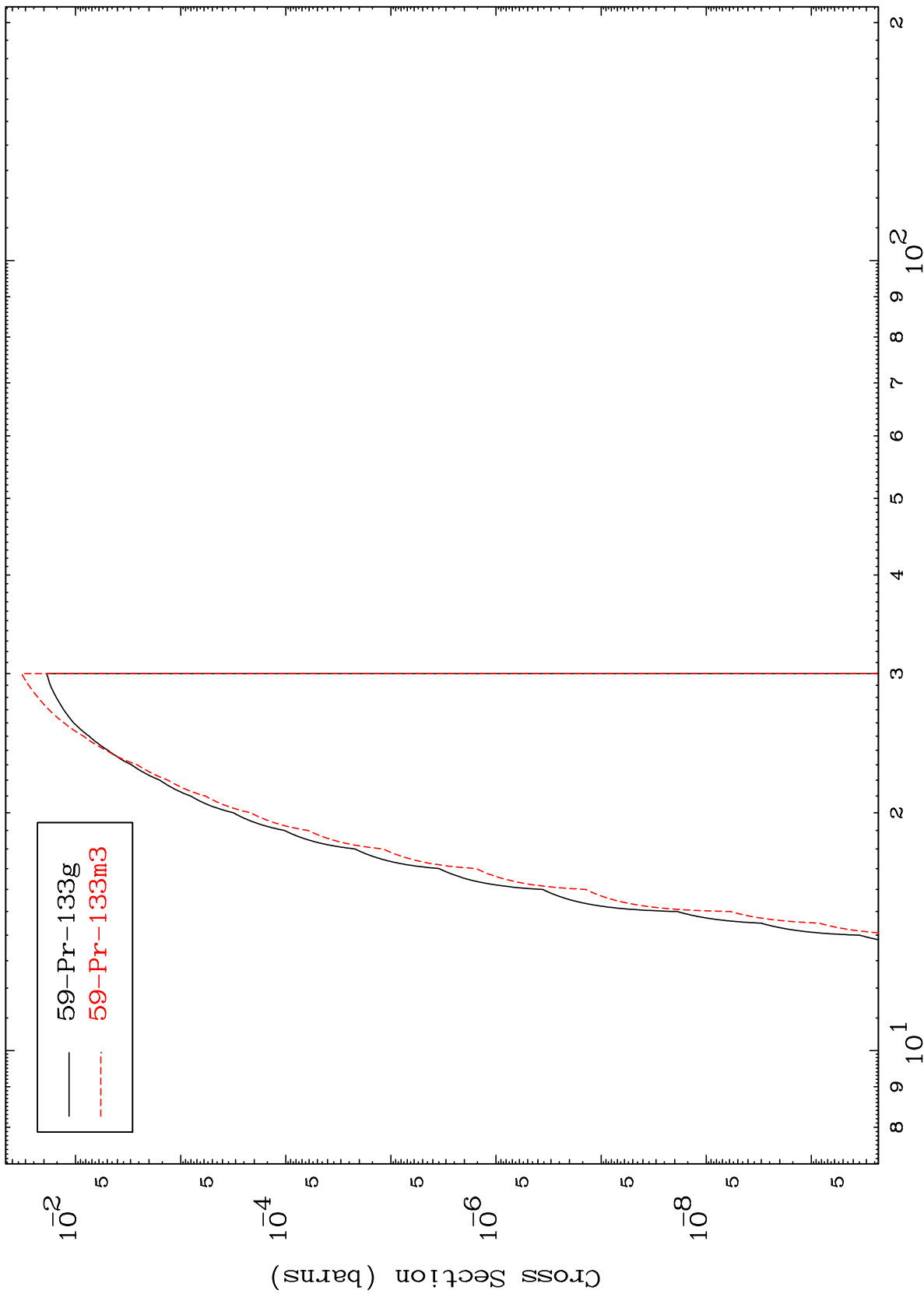


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61-Pm-138

(n,2n) α

Radionuclide Production Cross Section

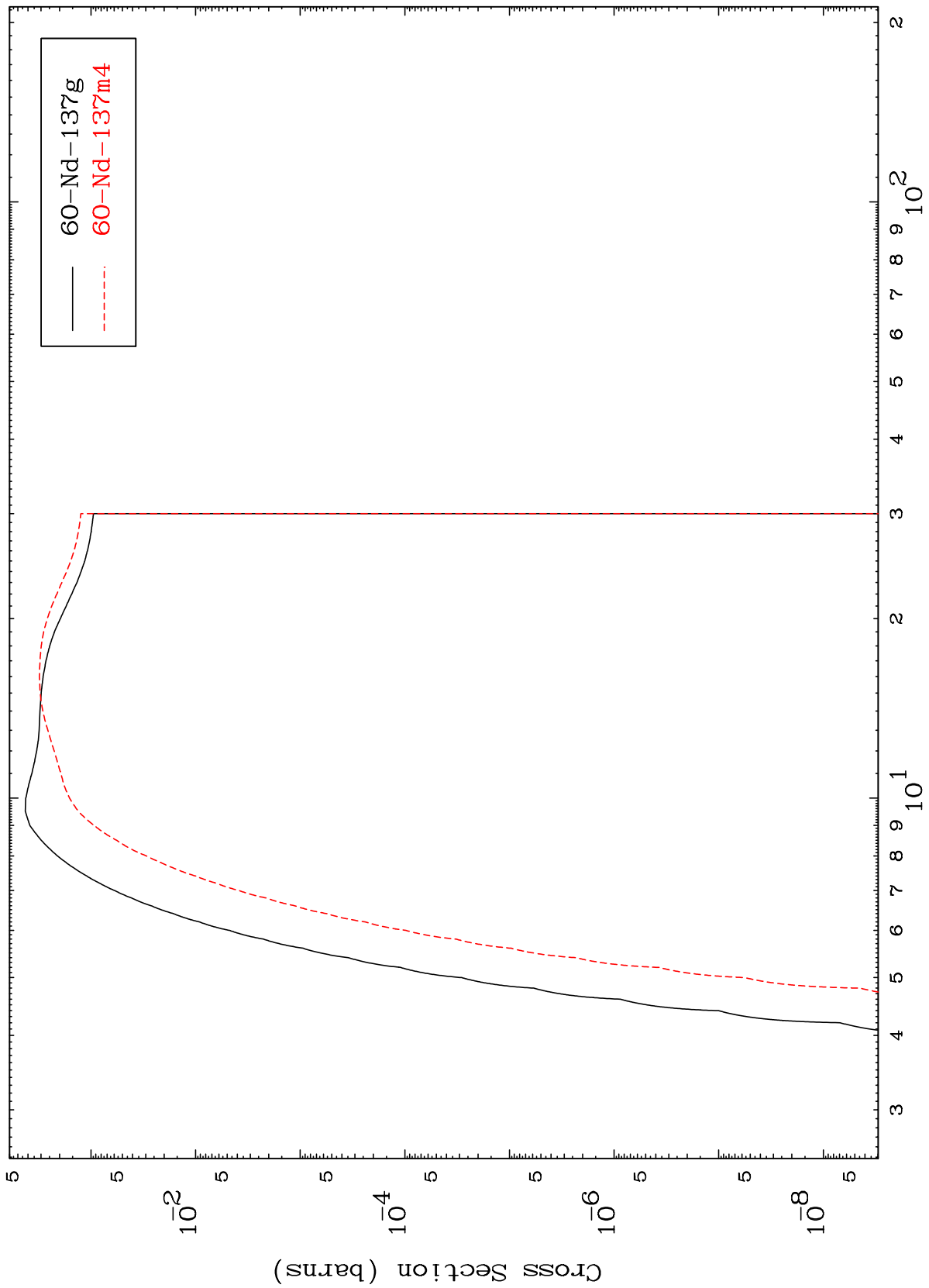


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Incident Energy (MeV)

61-Pm-138

(n, n') p
Radionuclide Production Cross Section

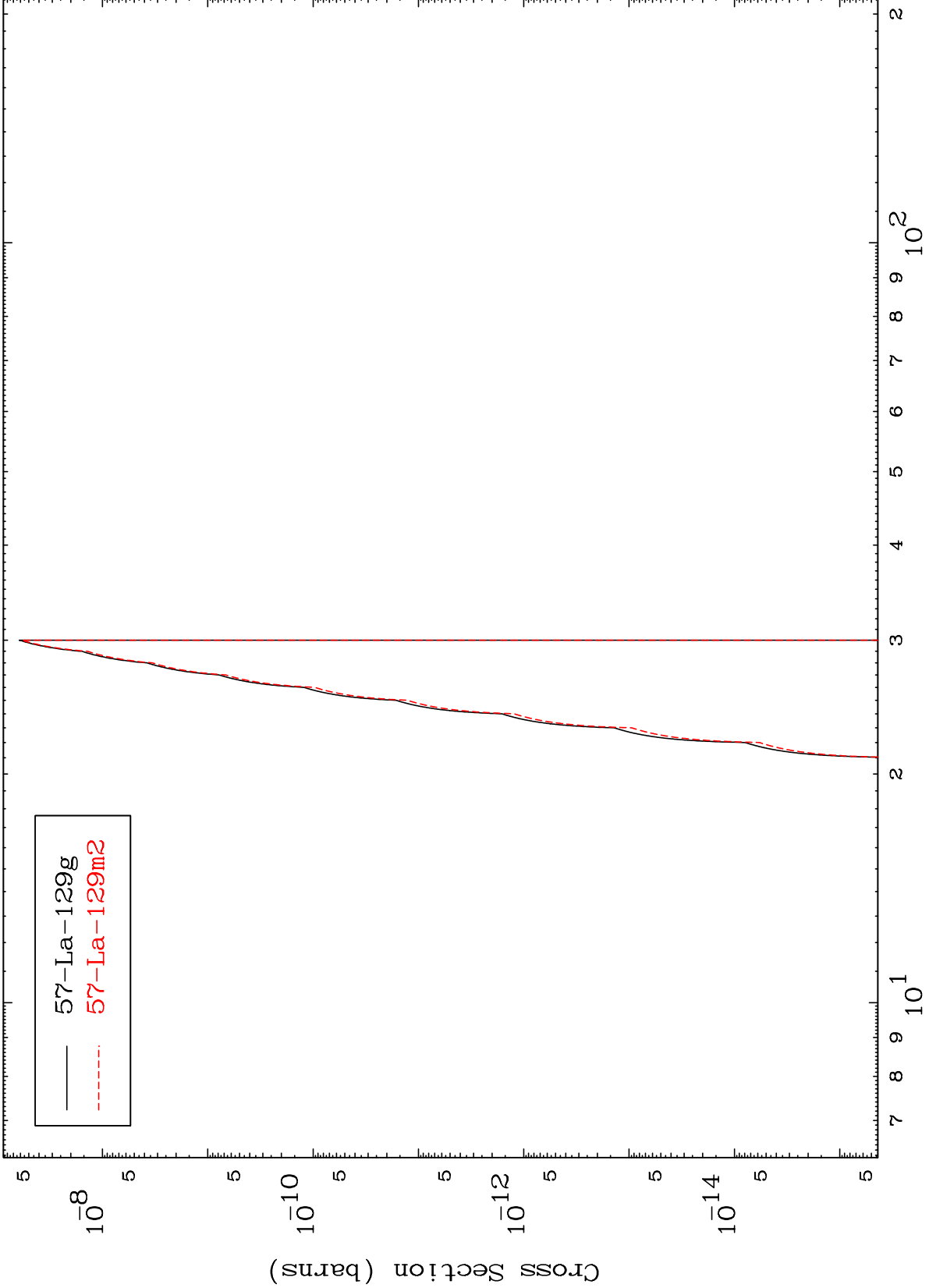


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$(n, 2n)$ 2α

61-Pm-138

Radionuclide Production Cross Section



— 57-La-129g
- - - 57-La-129m2

24

Incident Energy (MeV)

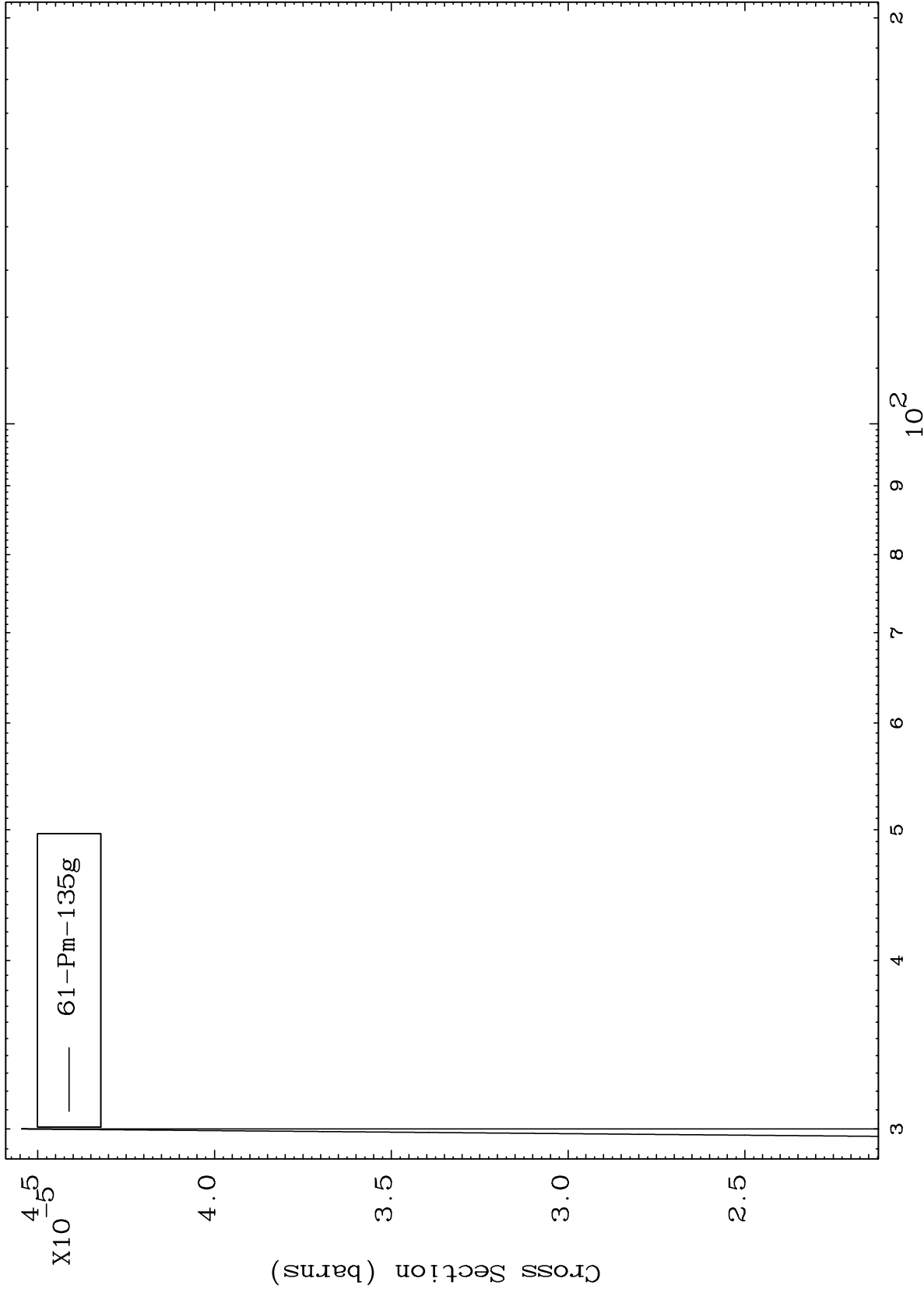
61-Pm-138

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(n,4n)

61-Pm-138

Radionuclide Production Cross Section



25

Incident Energy (MeV)

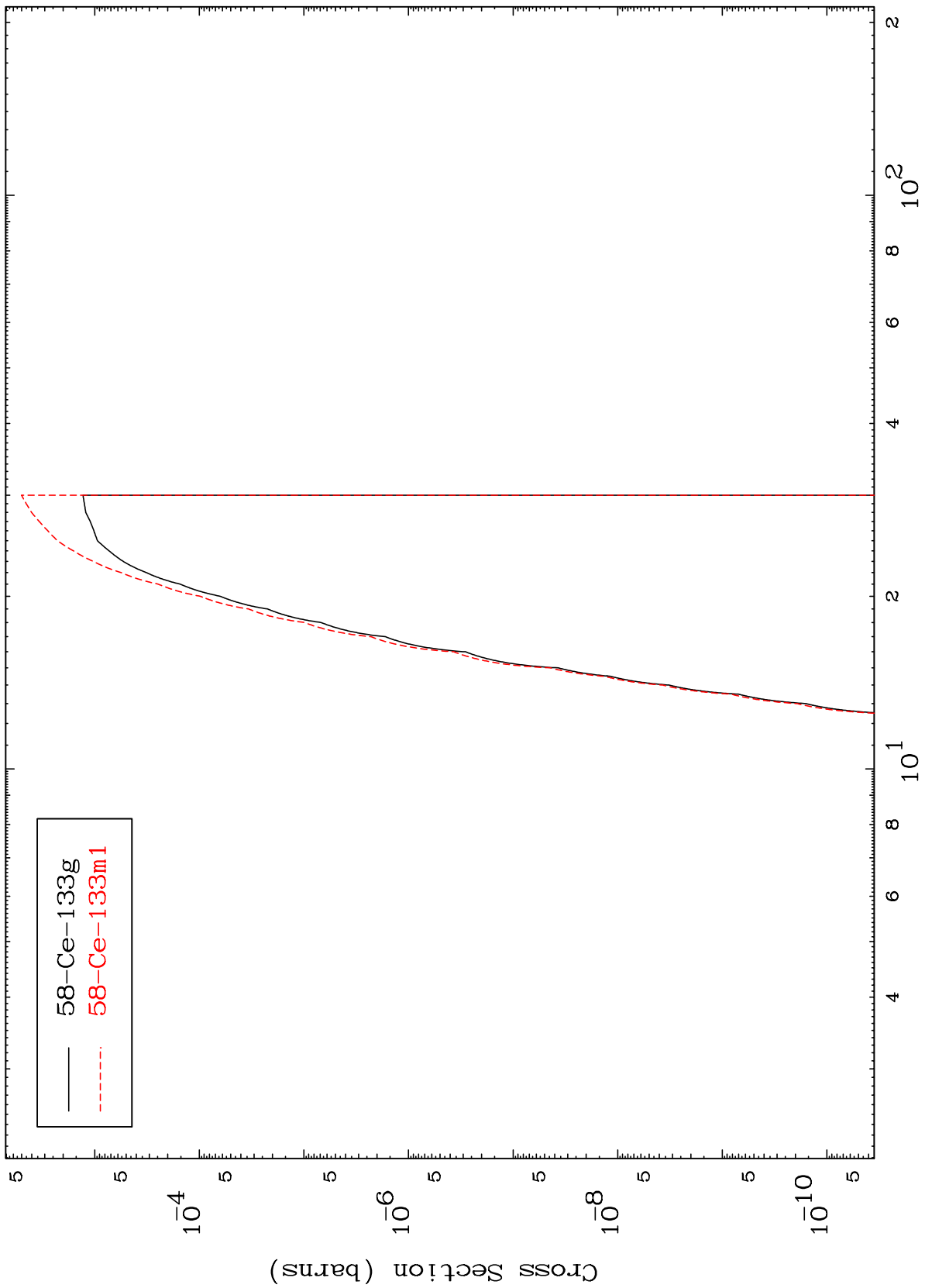
61-Pm-138

MAT 6123

(n,n') p α

61-Pm-138

Radionuclide Production Cross Section



58-Ce-133g
58-Ce-133m1

26

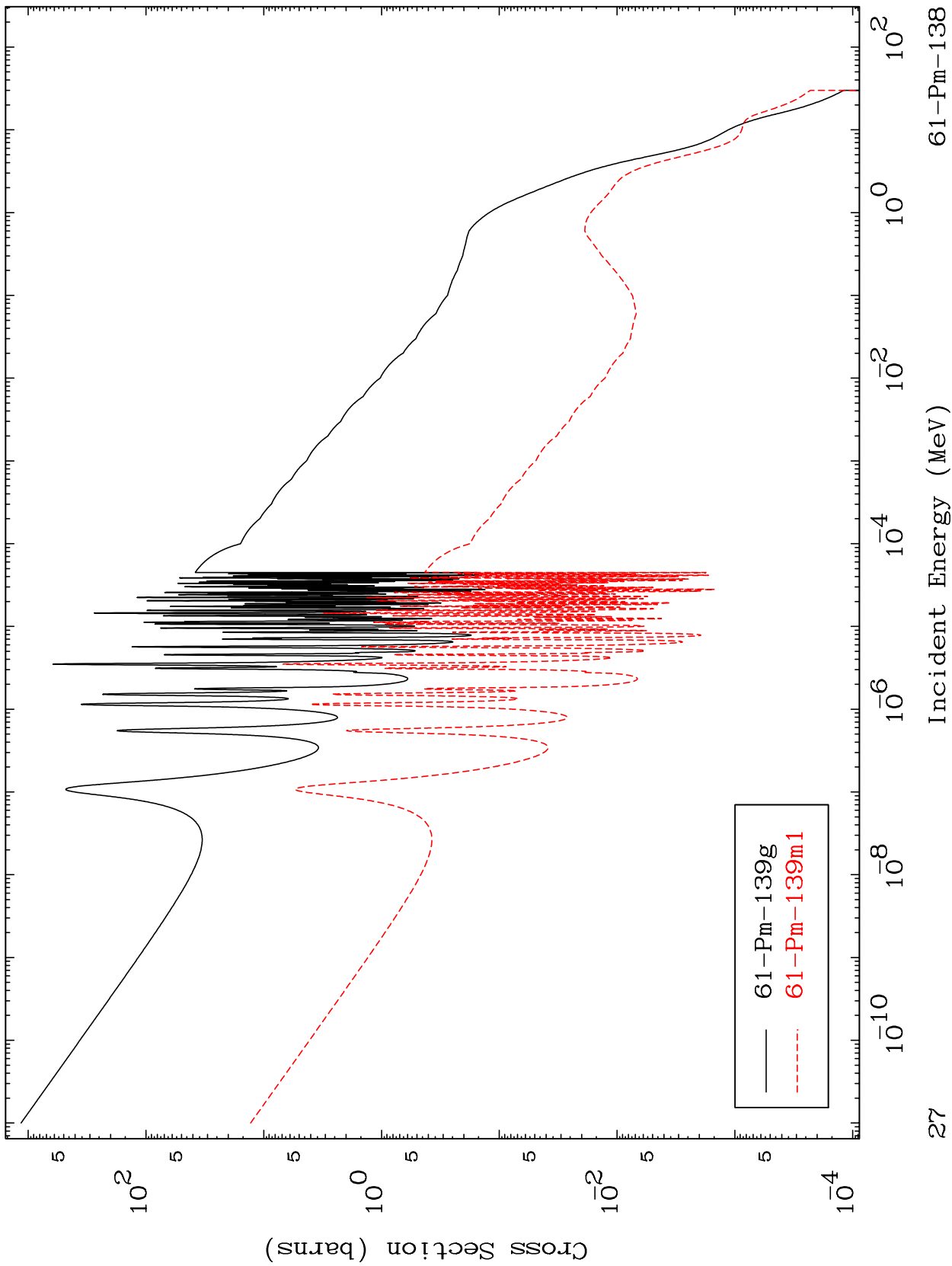
Incident Energy (MeV)

61-Pm-138

MAT 6123

61-Pm-138

(n,γ)
Radionuclide Production Cross Section

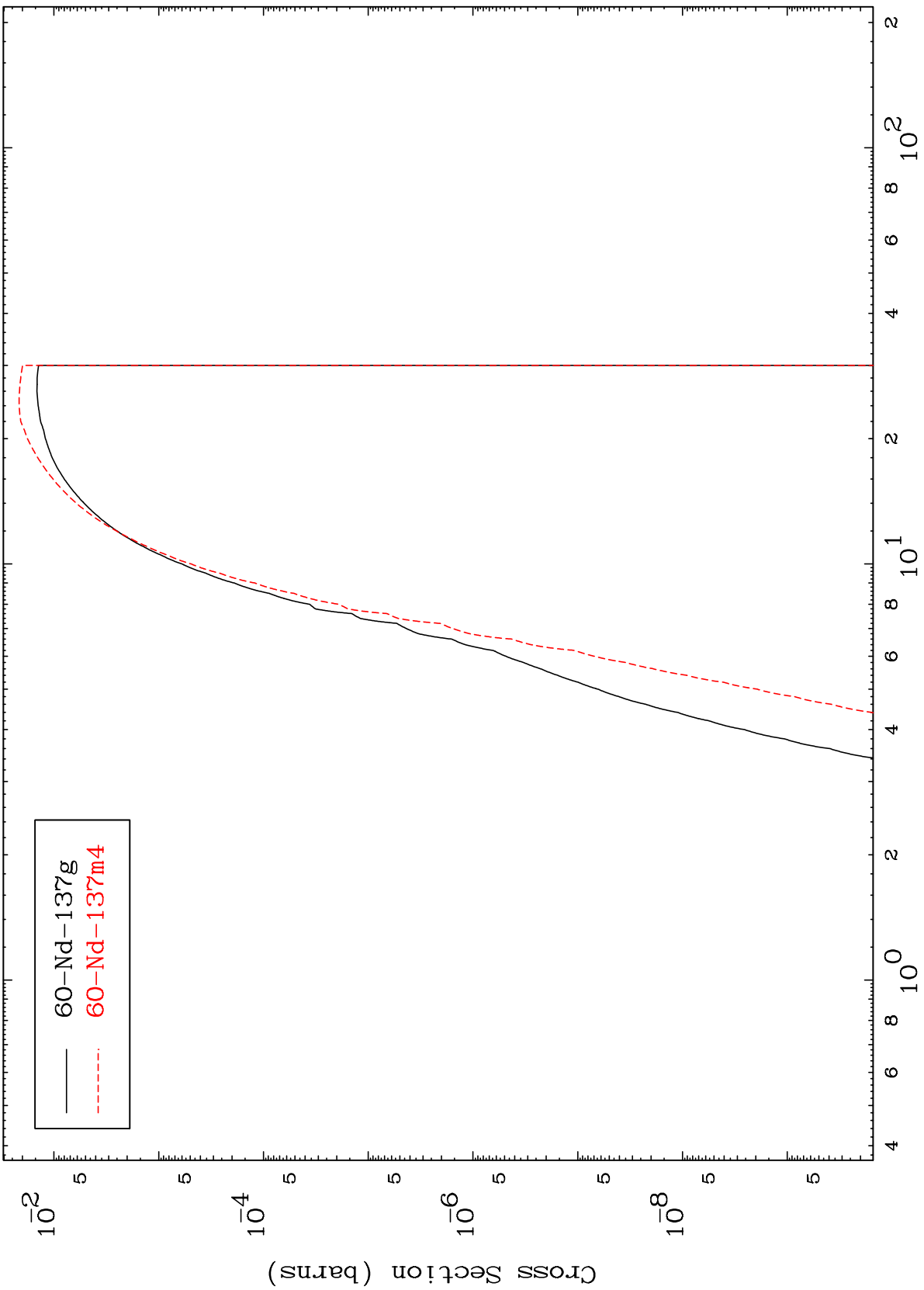
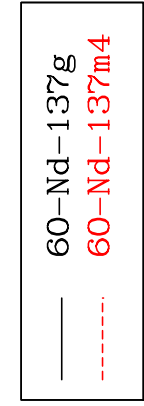


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(n,d)

61-Pm-138

Radionuclide Production Cross Section



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Incident Energy (MeV)

61-Pm-138

MAT 6123

(n,d) α

61-Pm-138

Radionuclide Production Cross Section

