

Program EVALPLOT
(Version 2017-1)

by

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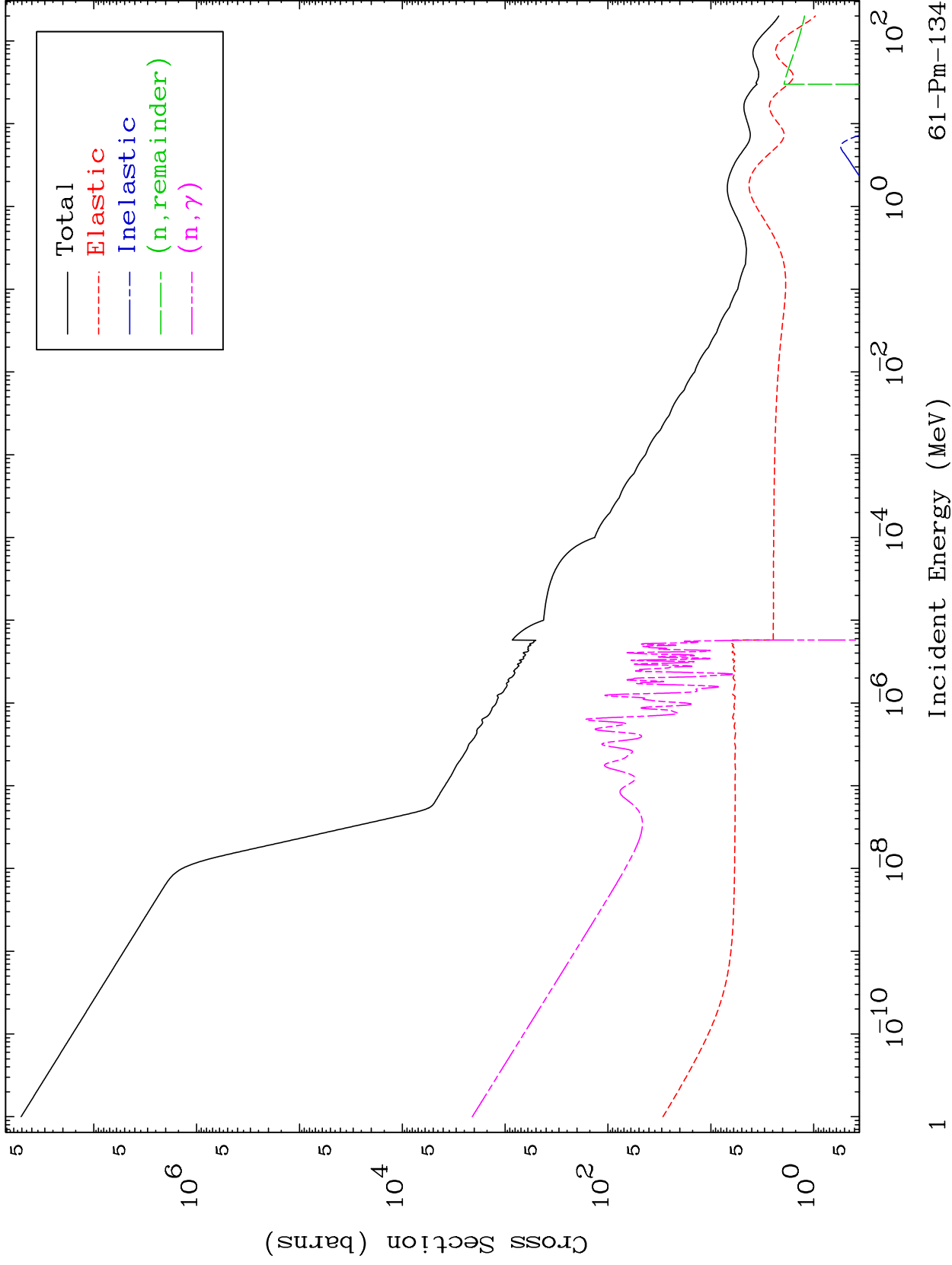
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6111

Major
293 Kelvin Cross Sections

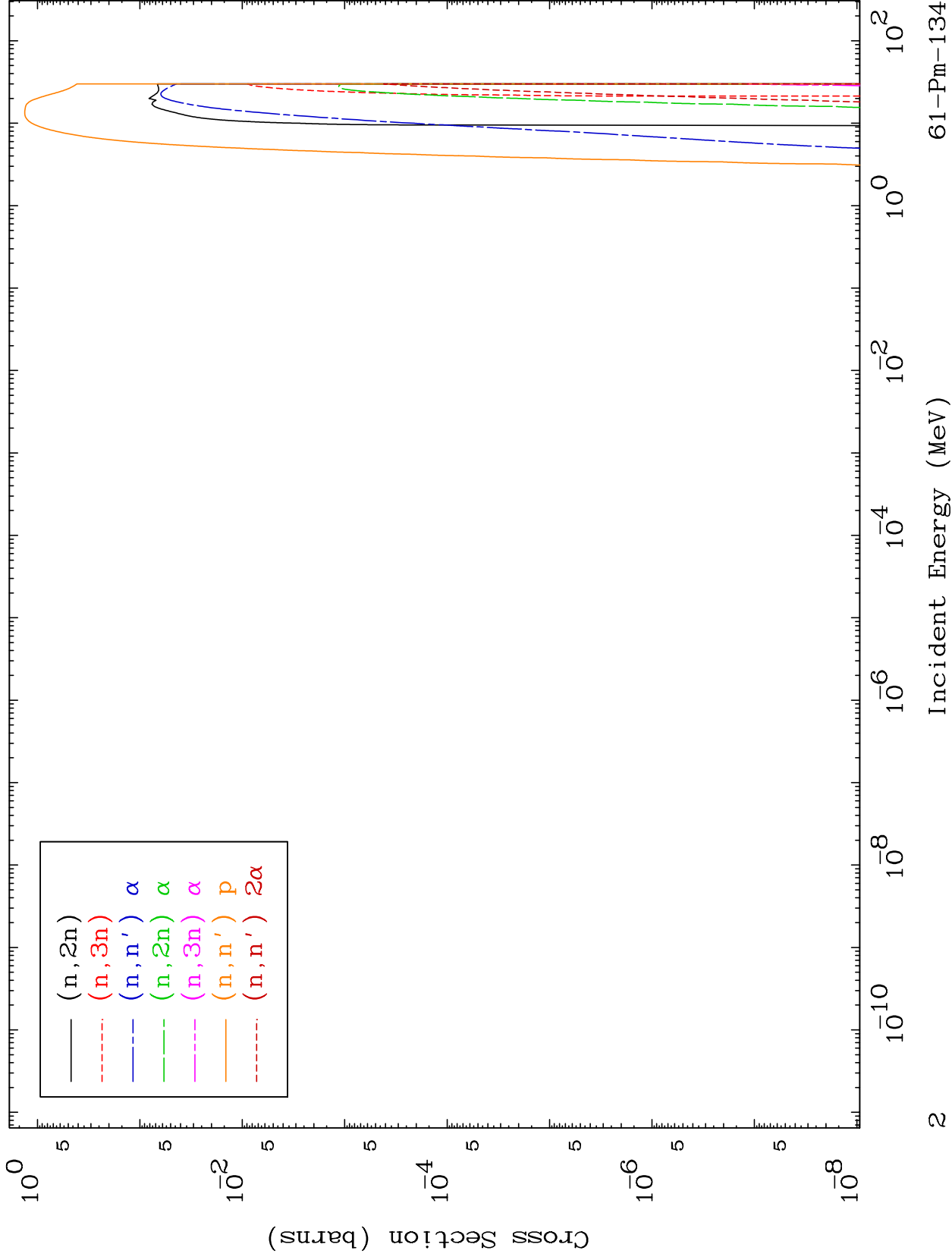
61-Pm-134

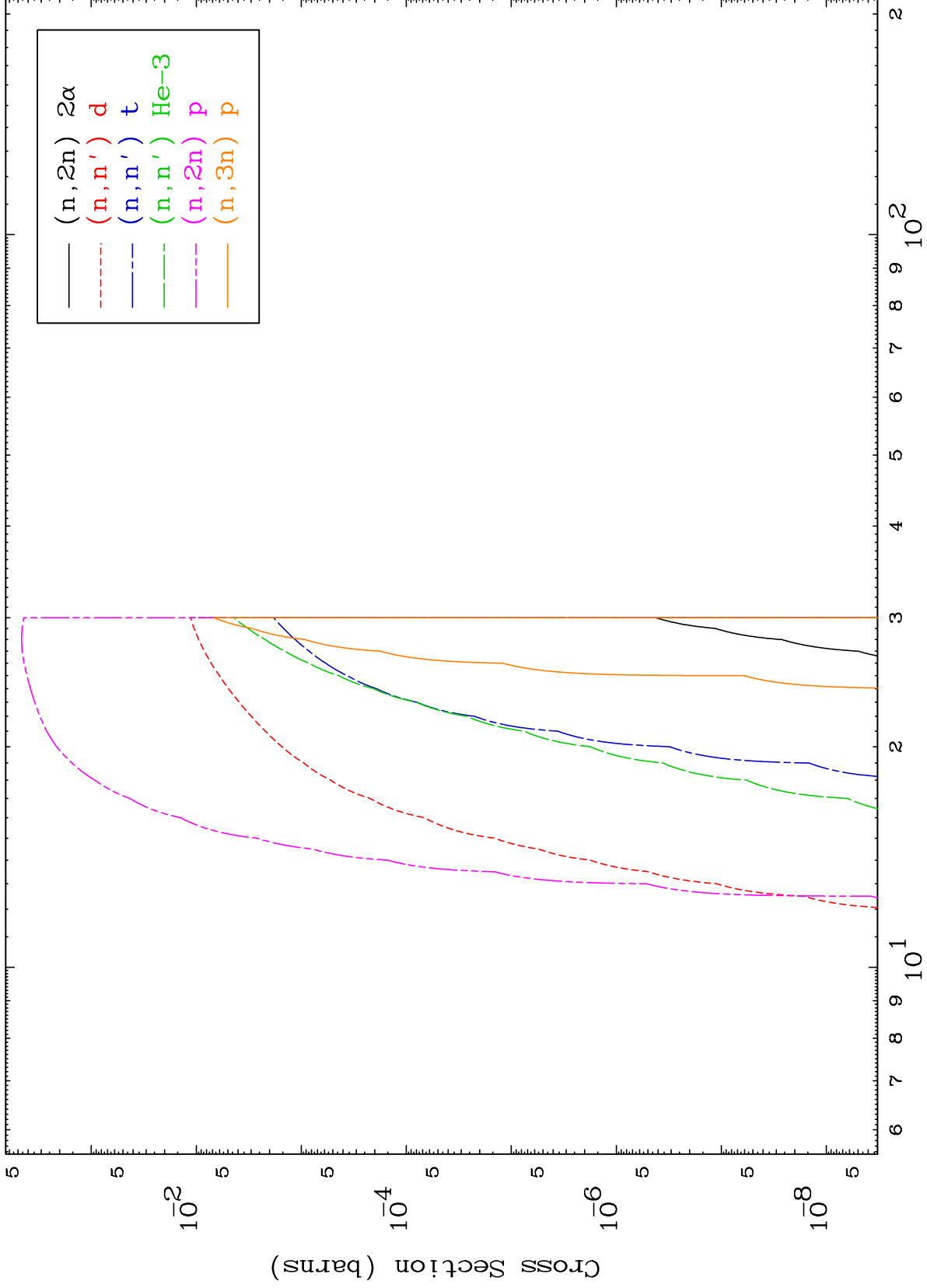


MAT 6111

Neutron Production
293 Kelvin Cross Sections

61-Pm-134

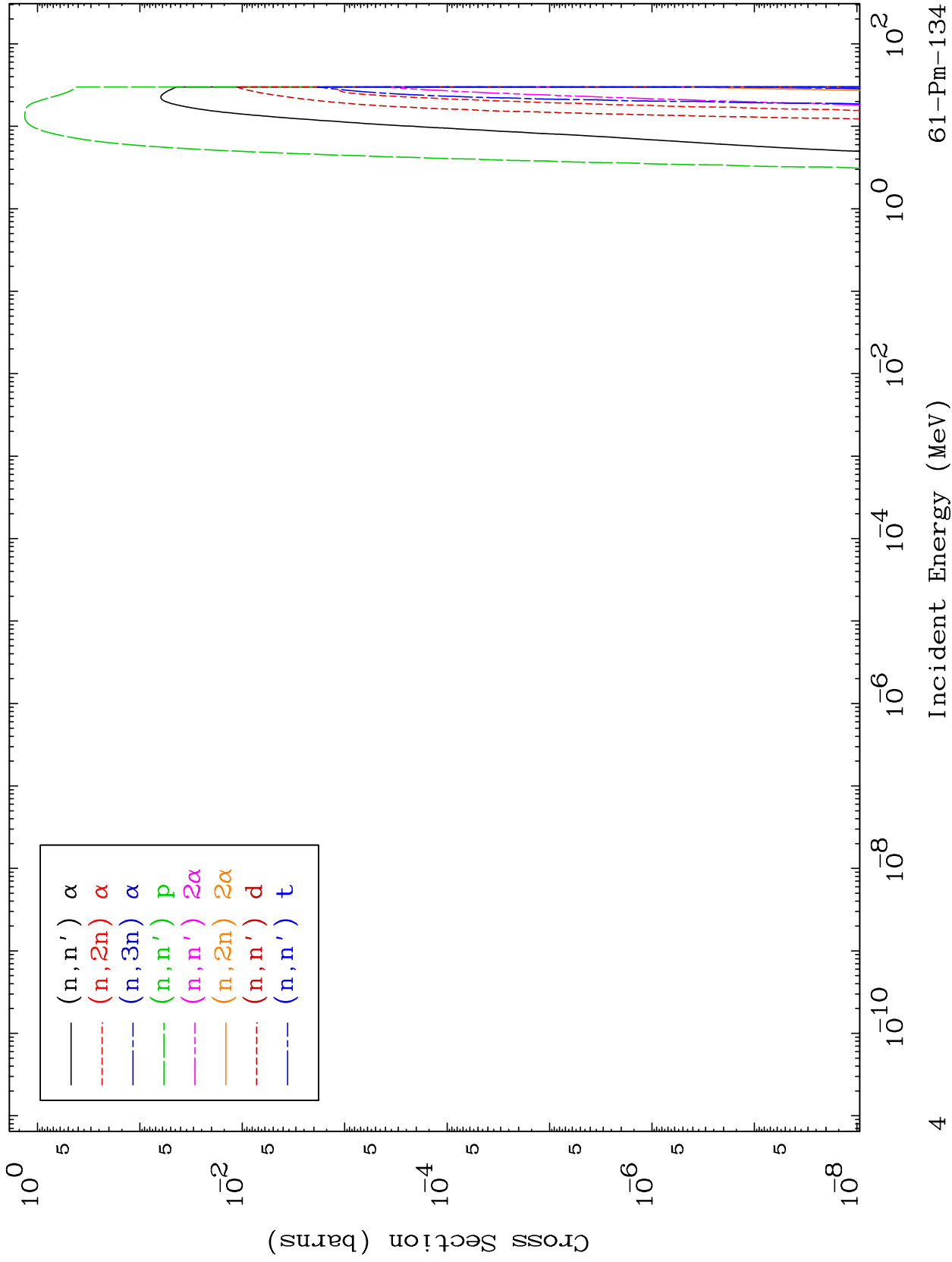




MAT 6111

Charged Particle
293 Kelvin Cross Sections

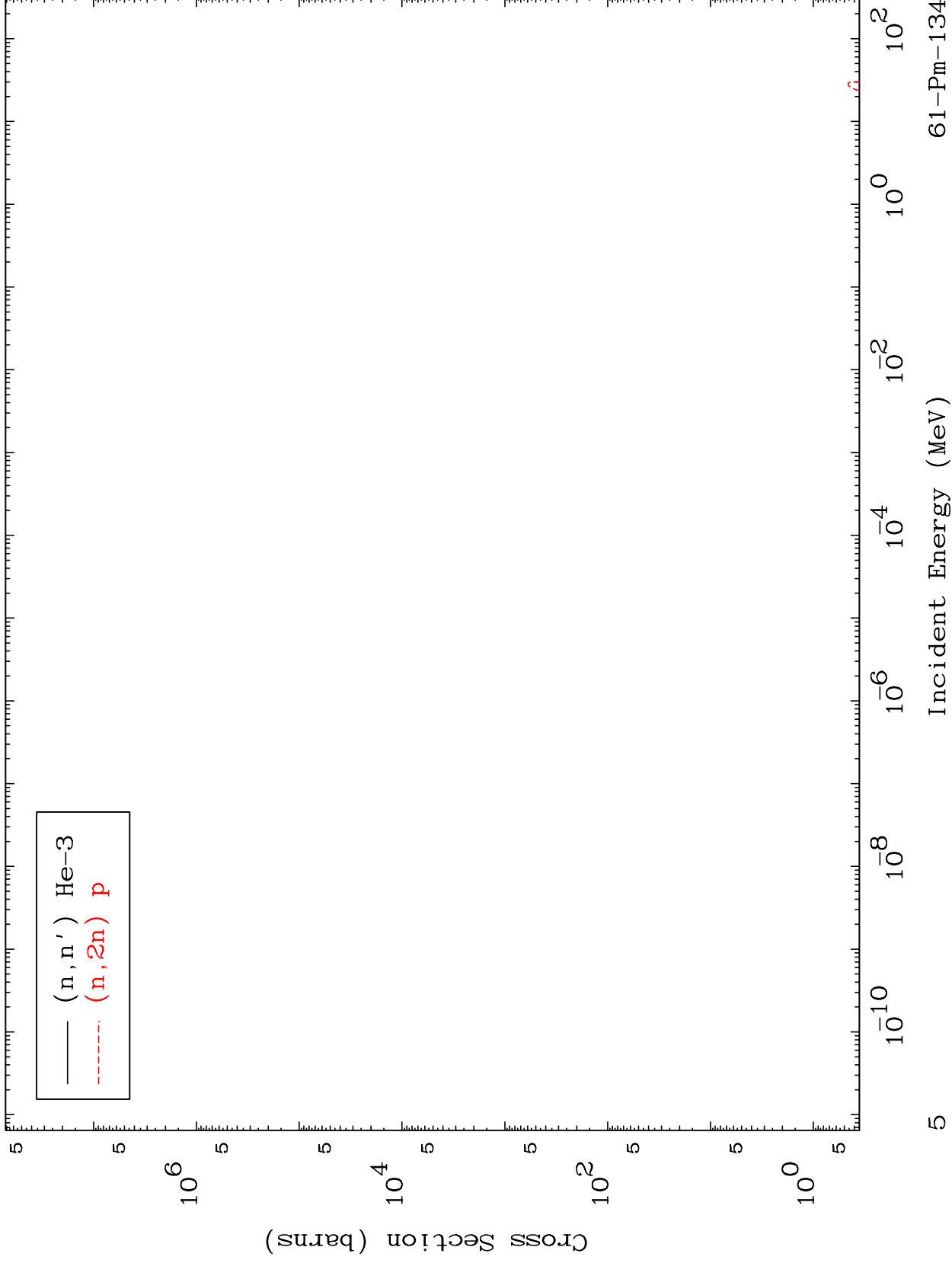
61-Pm-134



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Charged Particle
293 Kelvin Cross Sections

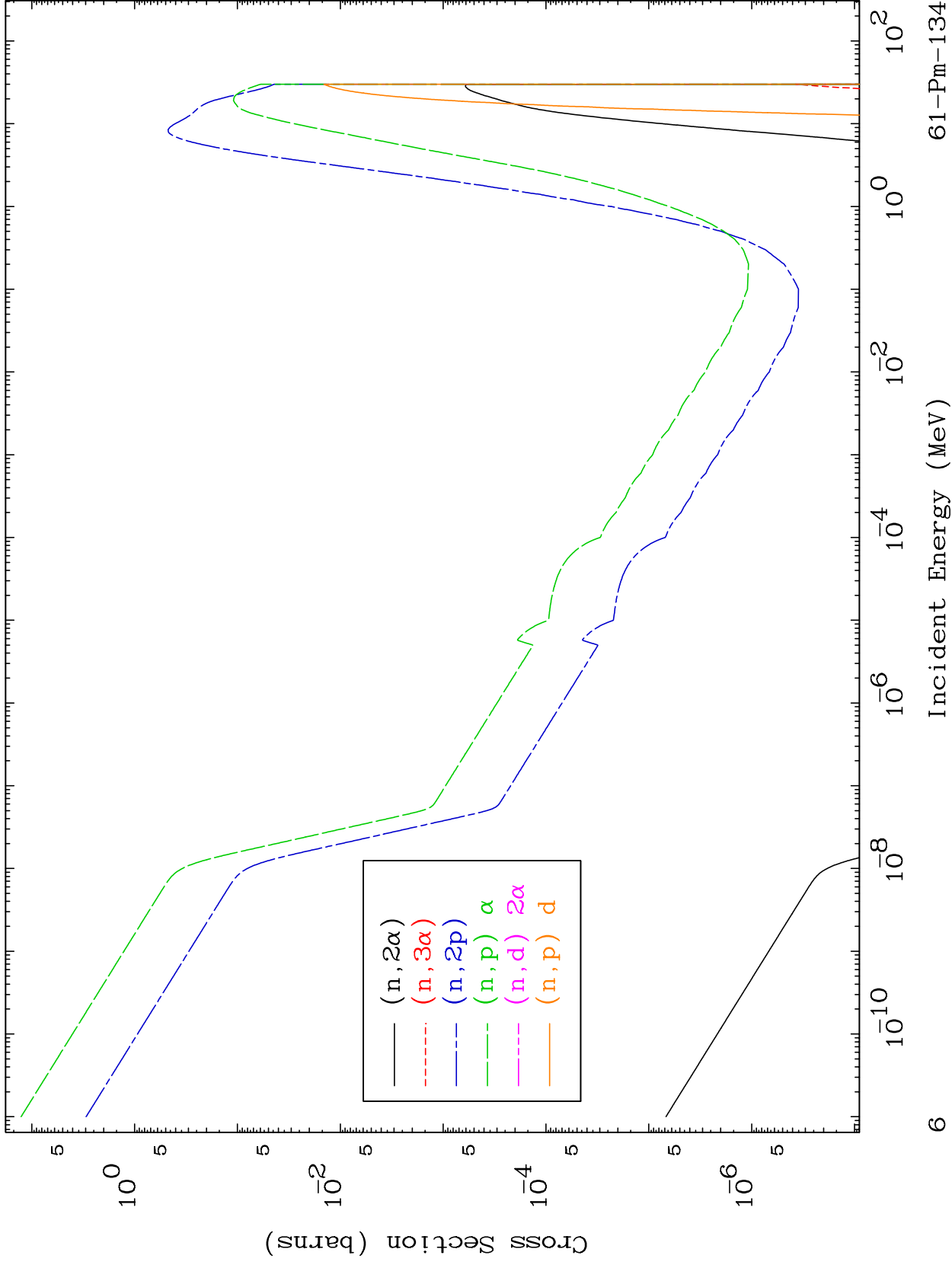
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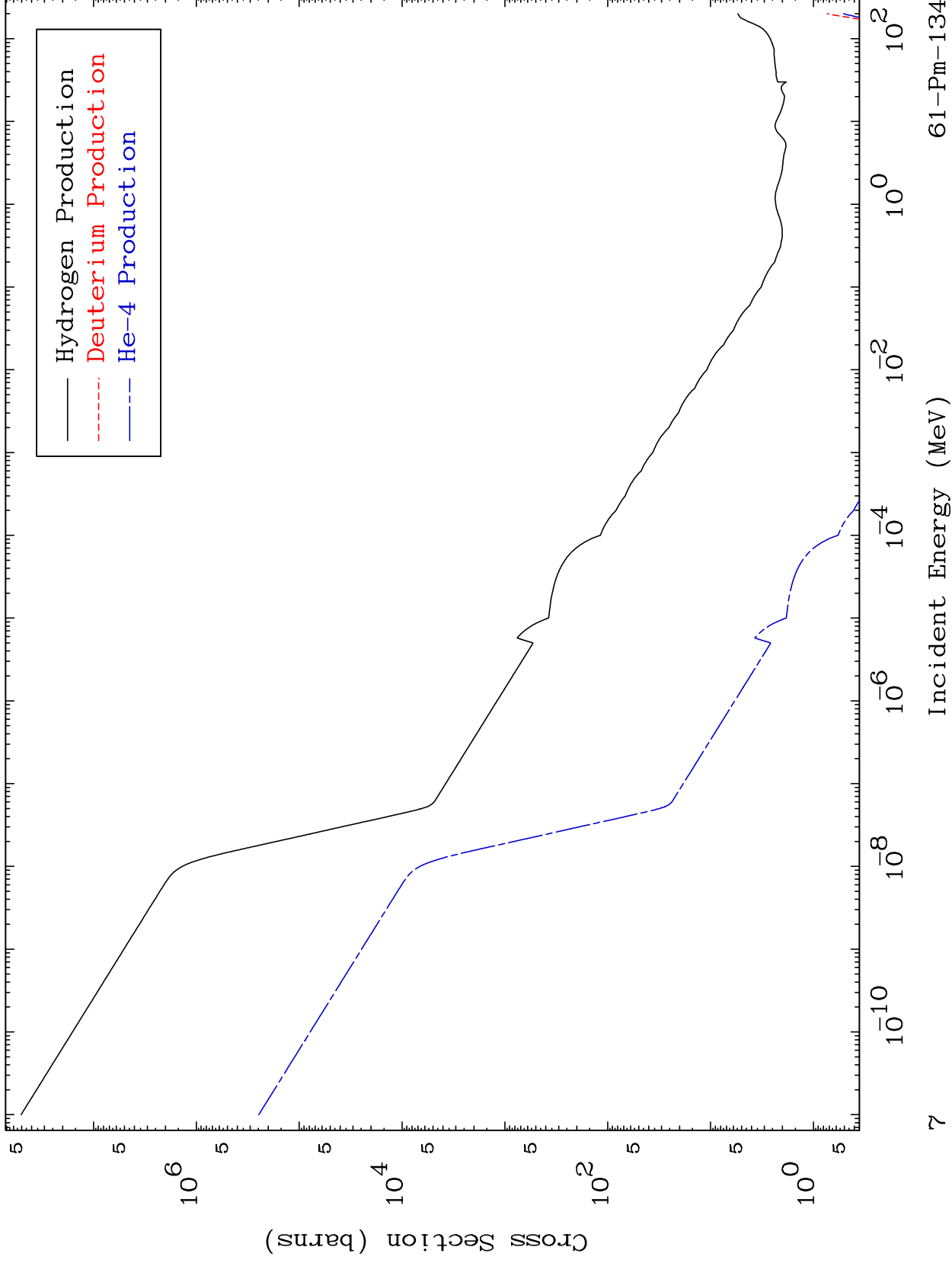


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Charged Particle
293 Kelvin Cross Sections

61-Pm-134

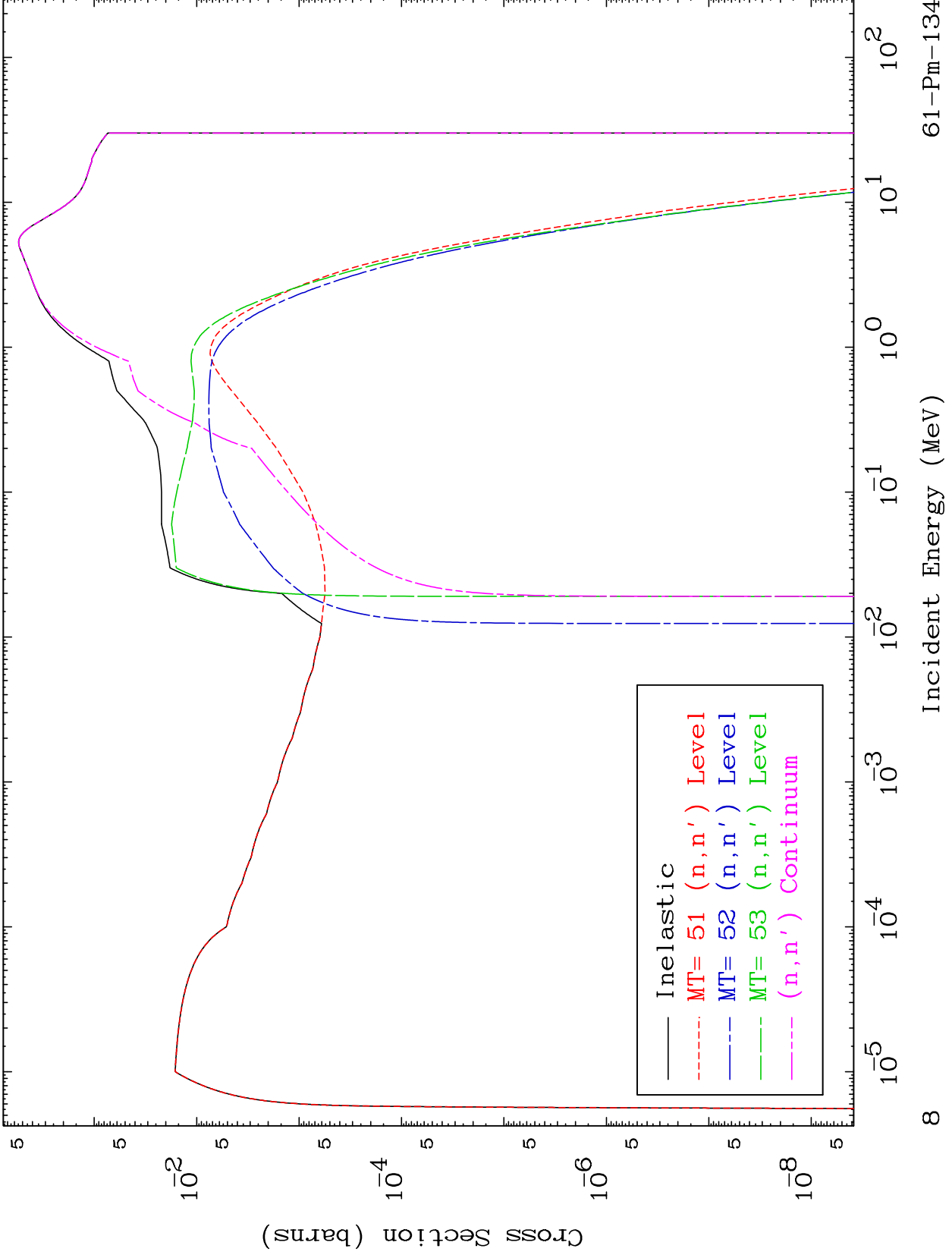




MAT 6111

(n,n') Level
293 Kelvin Cross Sections

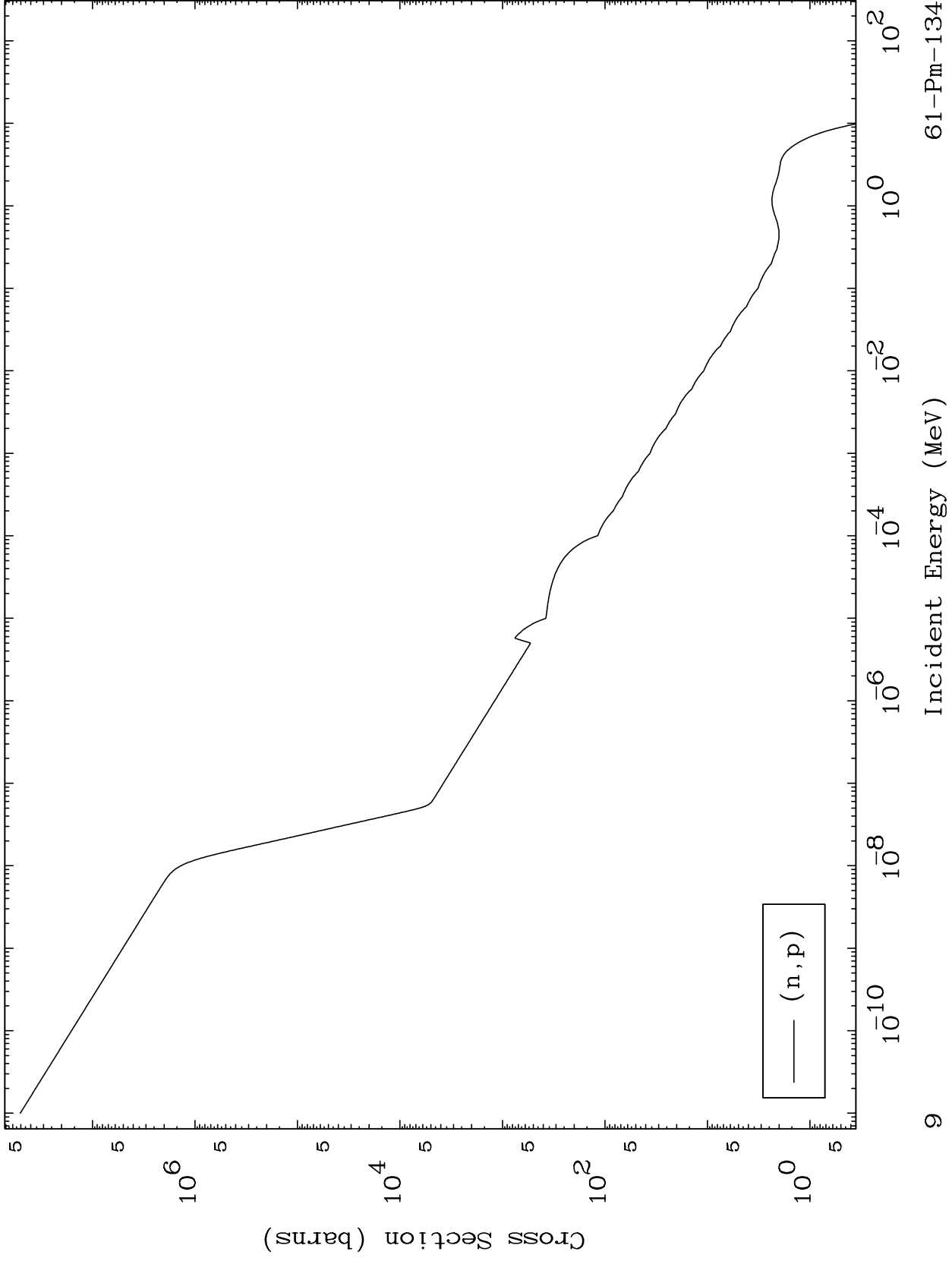
61-Pm-134



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(n,p) Levels
293 Kelvin Cross Sections

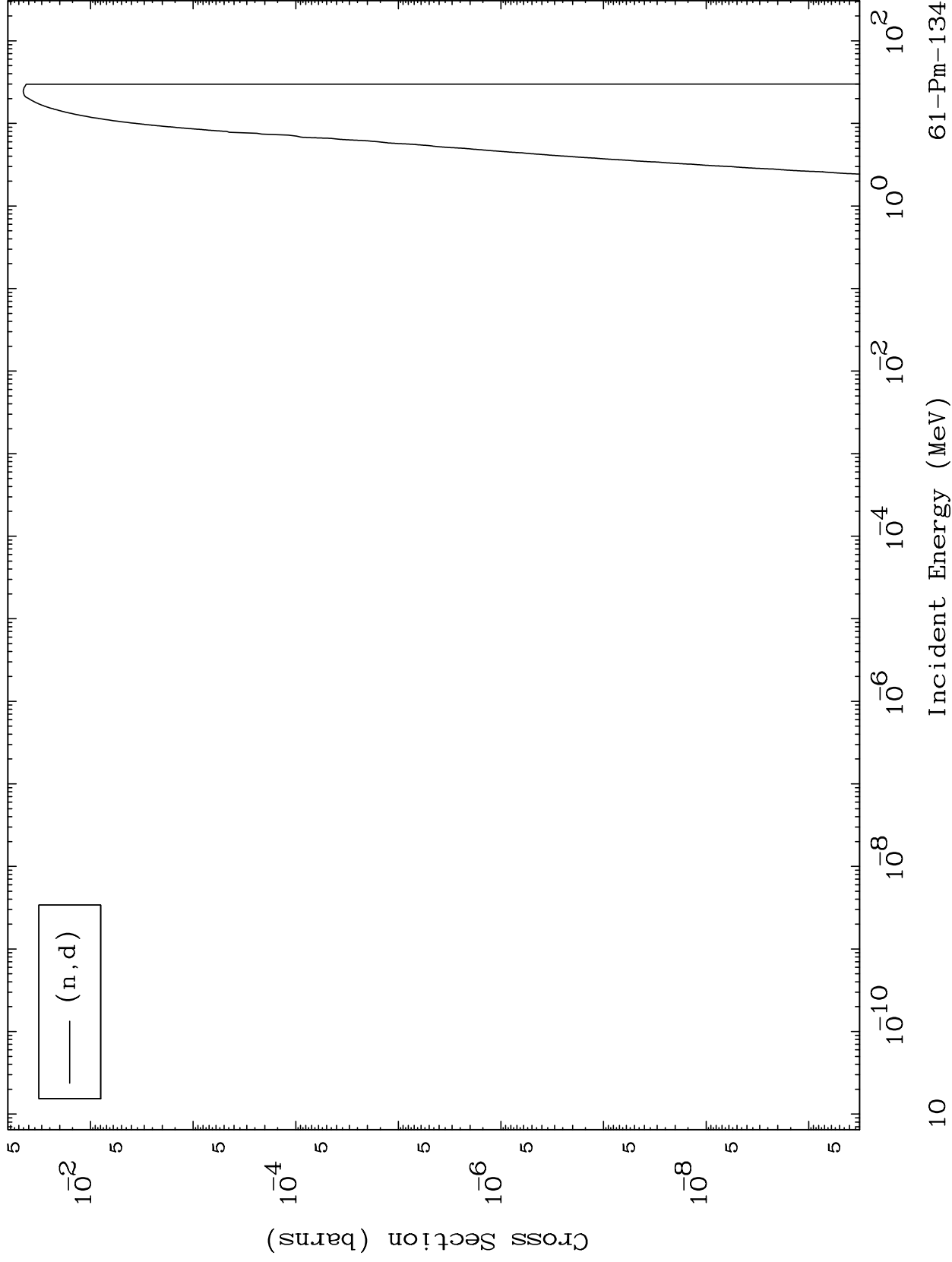
61-Pm-134



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(n,d) Levels
293 Kelvin Cross Sections

61-Pm-134



10

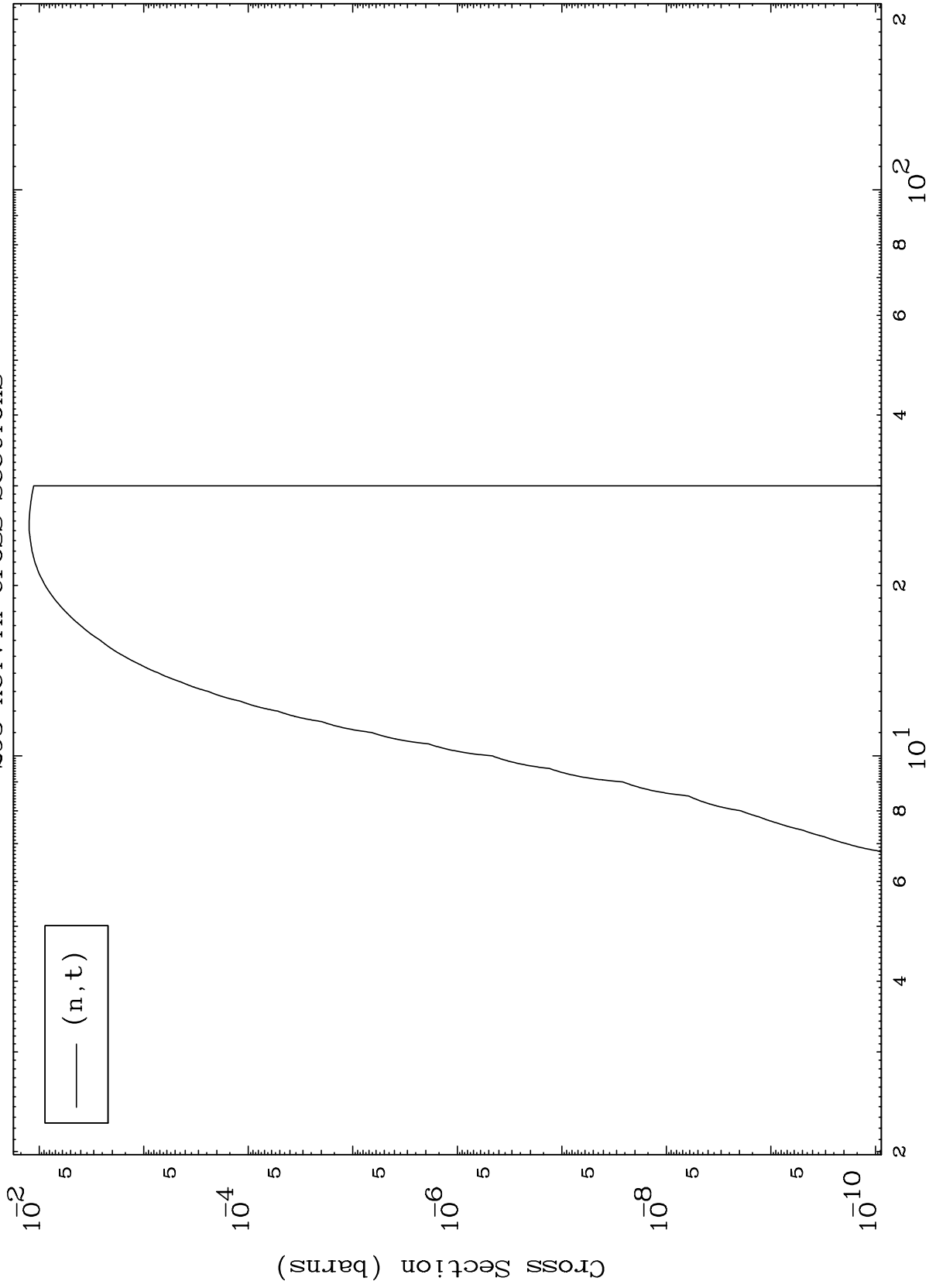
Incident Energy (MeV)

61-Pm-134

MAT 61111

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-134



11

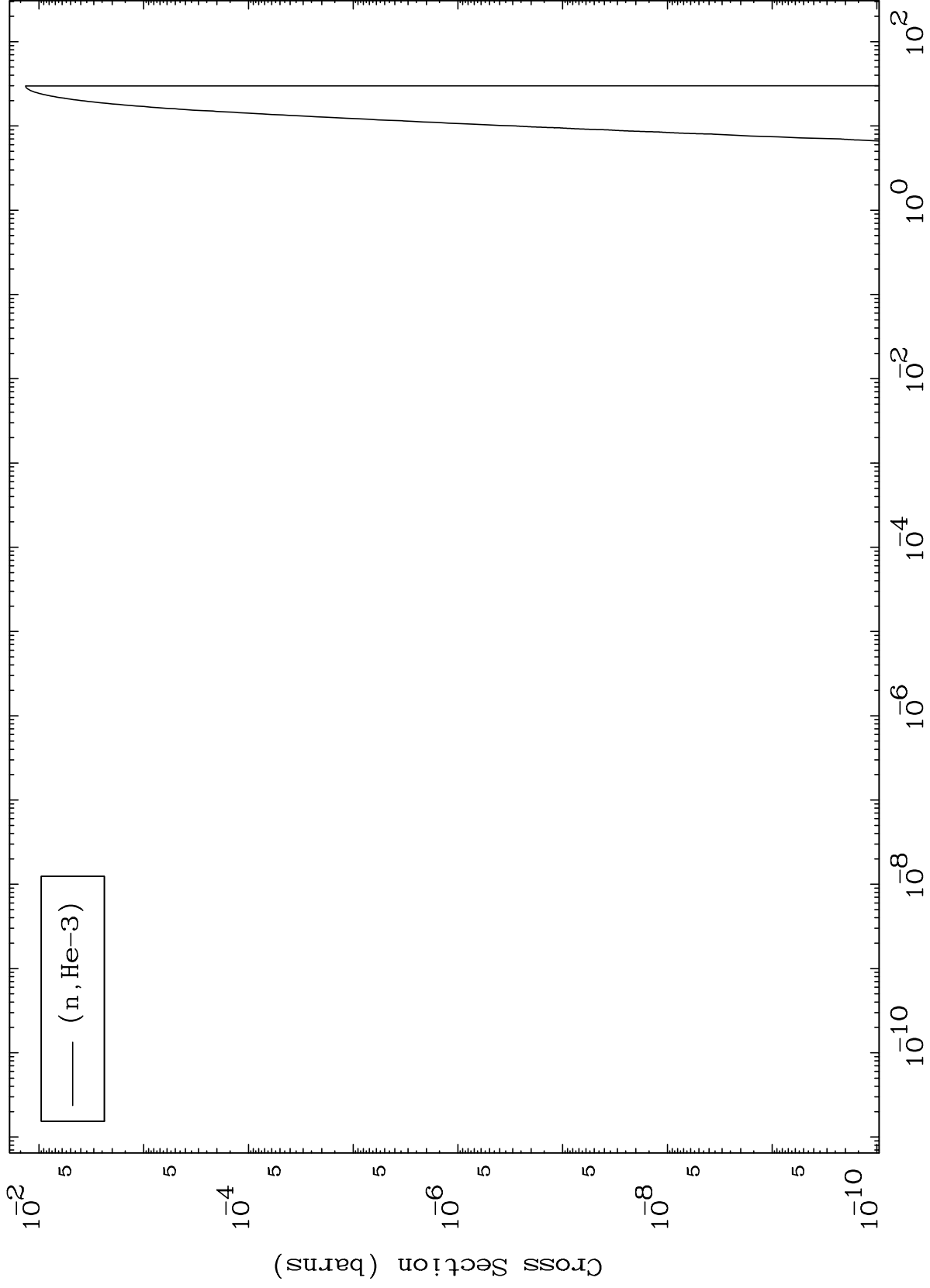
Incident Energy (MeV)

61-Pm-134

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(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-134



12

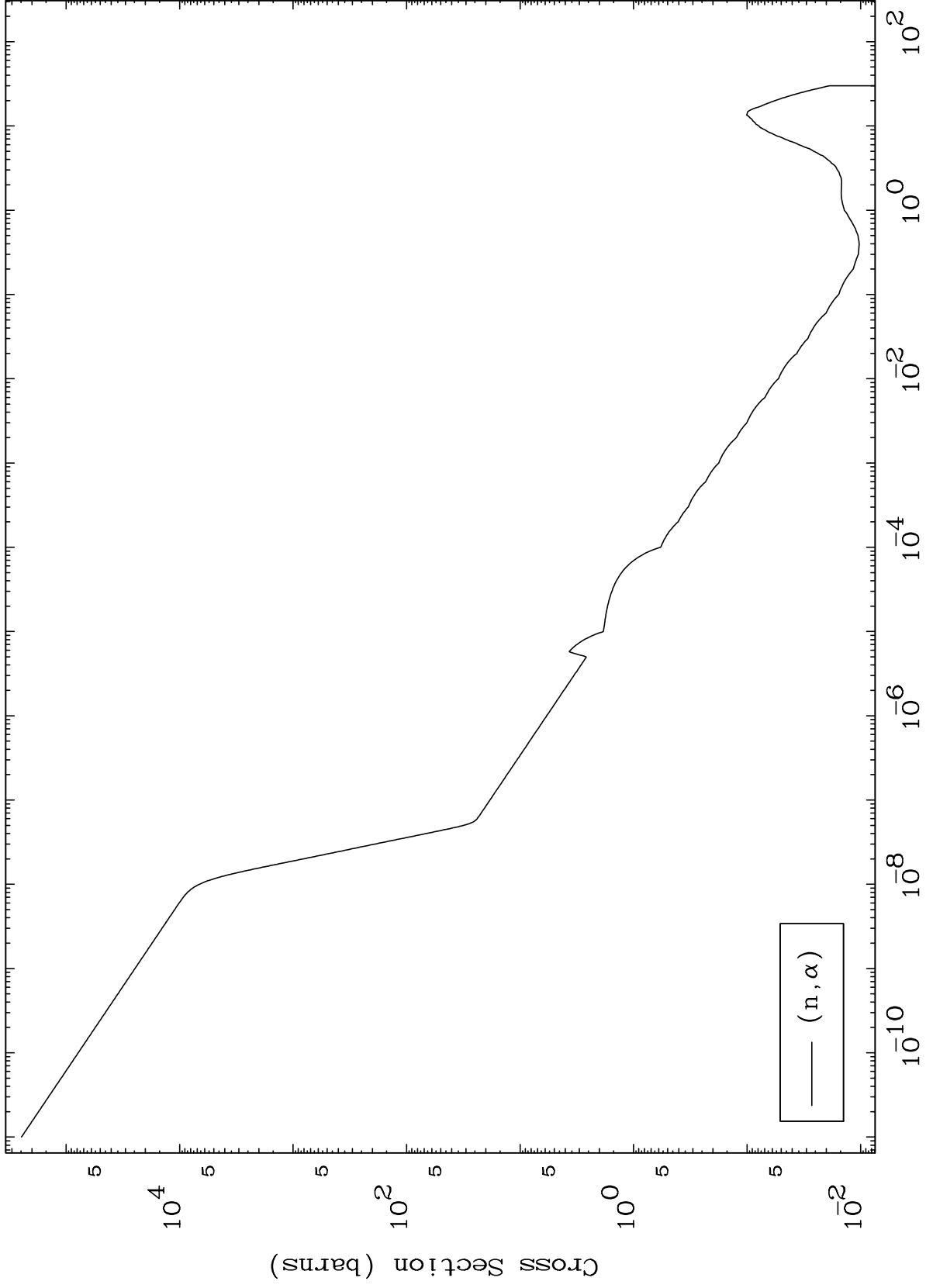
Incident Energy (MeV)

61-Pm-134

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(n,α) Levels
293 Kelvin Cross Sections

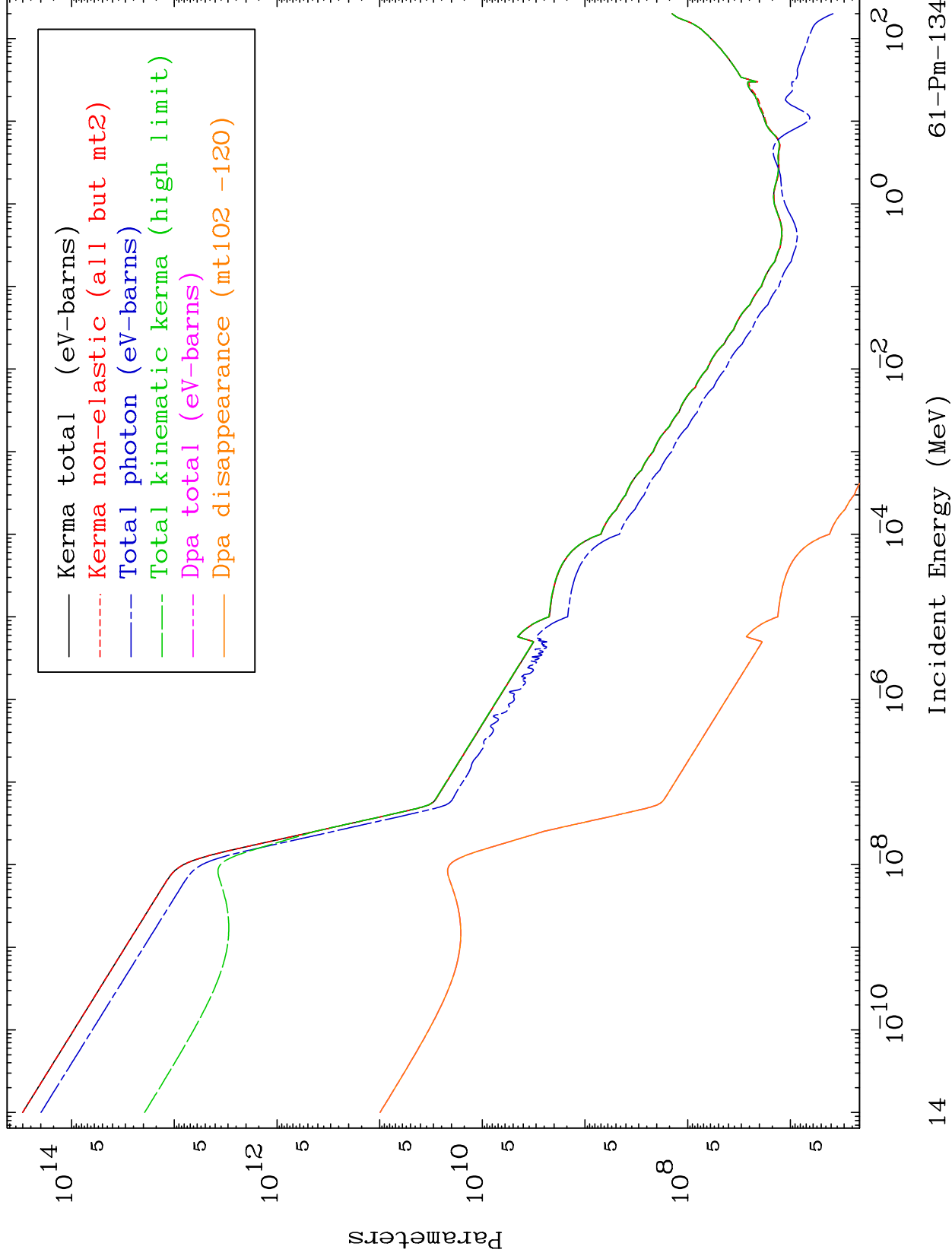
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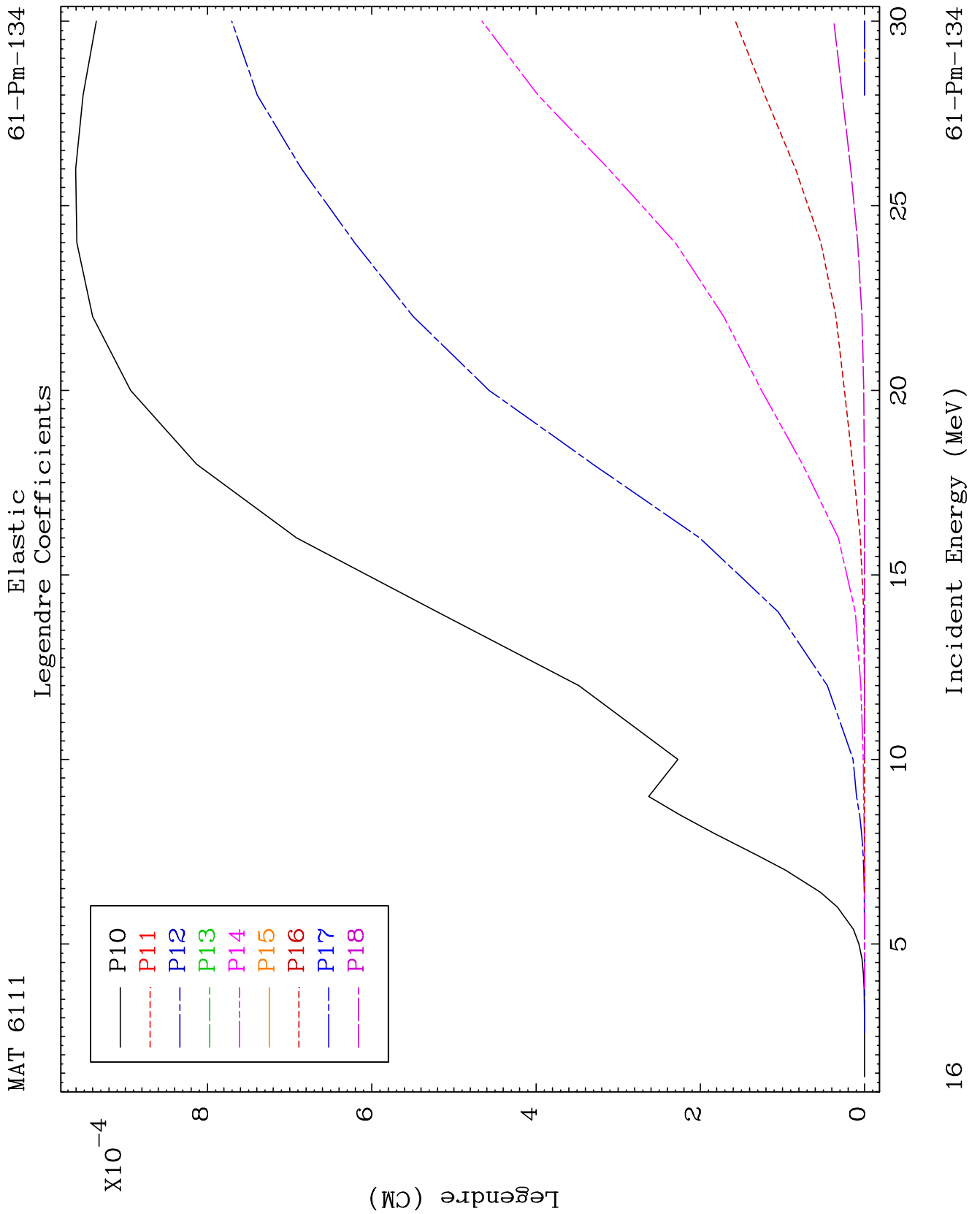


13

Incident Energy (MeV)

61-Pm-134

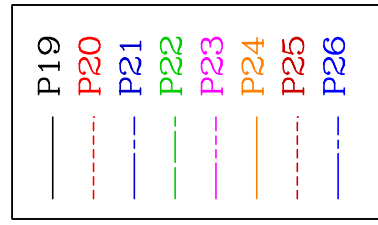




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Elastic
Legendre Coefficients

61-Pm-134



$\times 10^{-6}$
3

Legendre (CM)

2

1

0

15

20

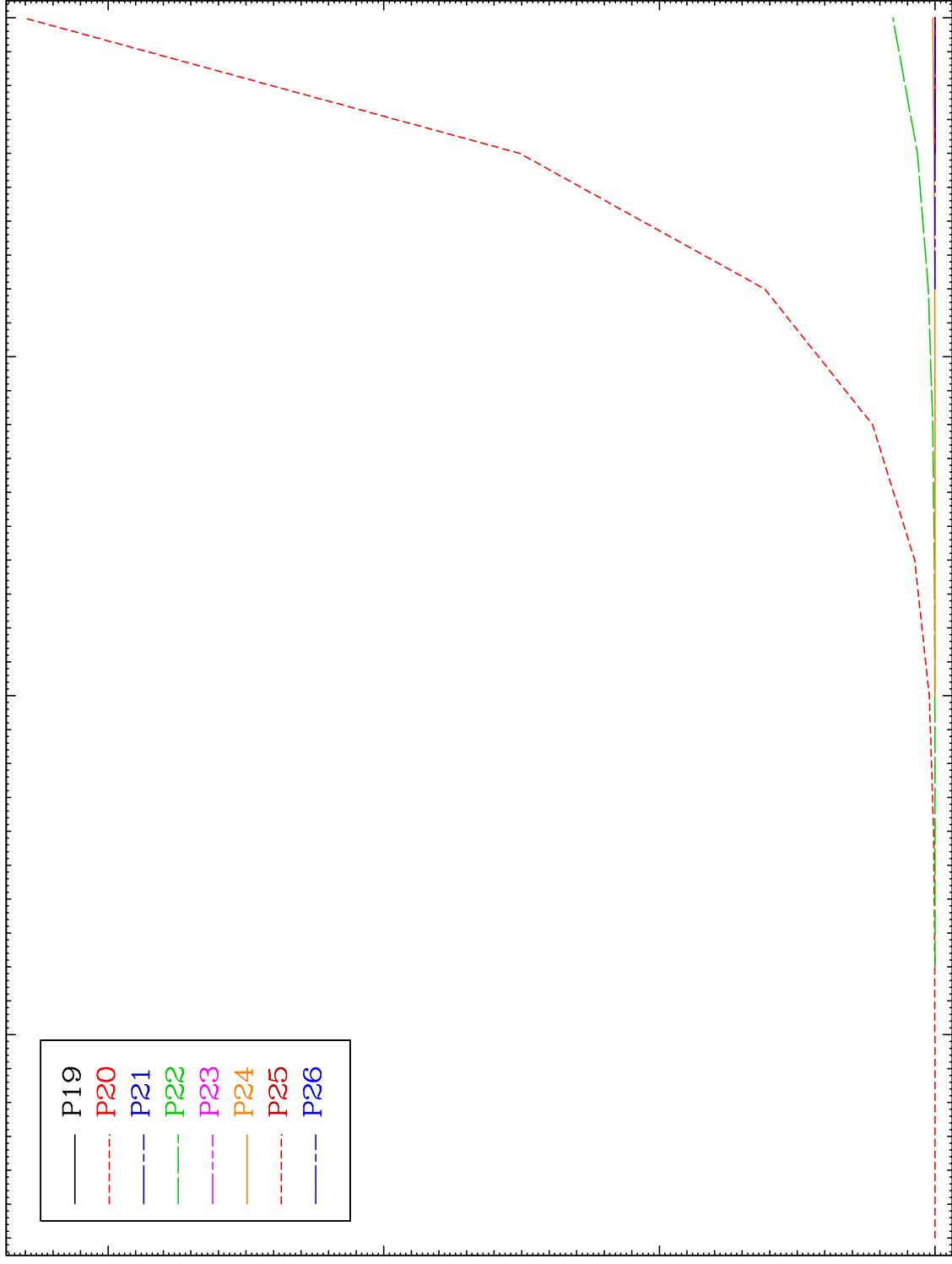
25

30

17

Incident Energy (MeV)

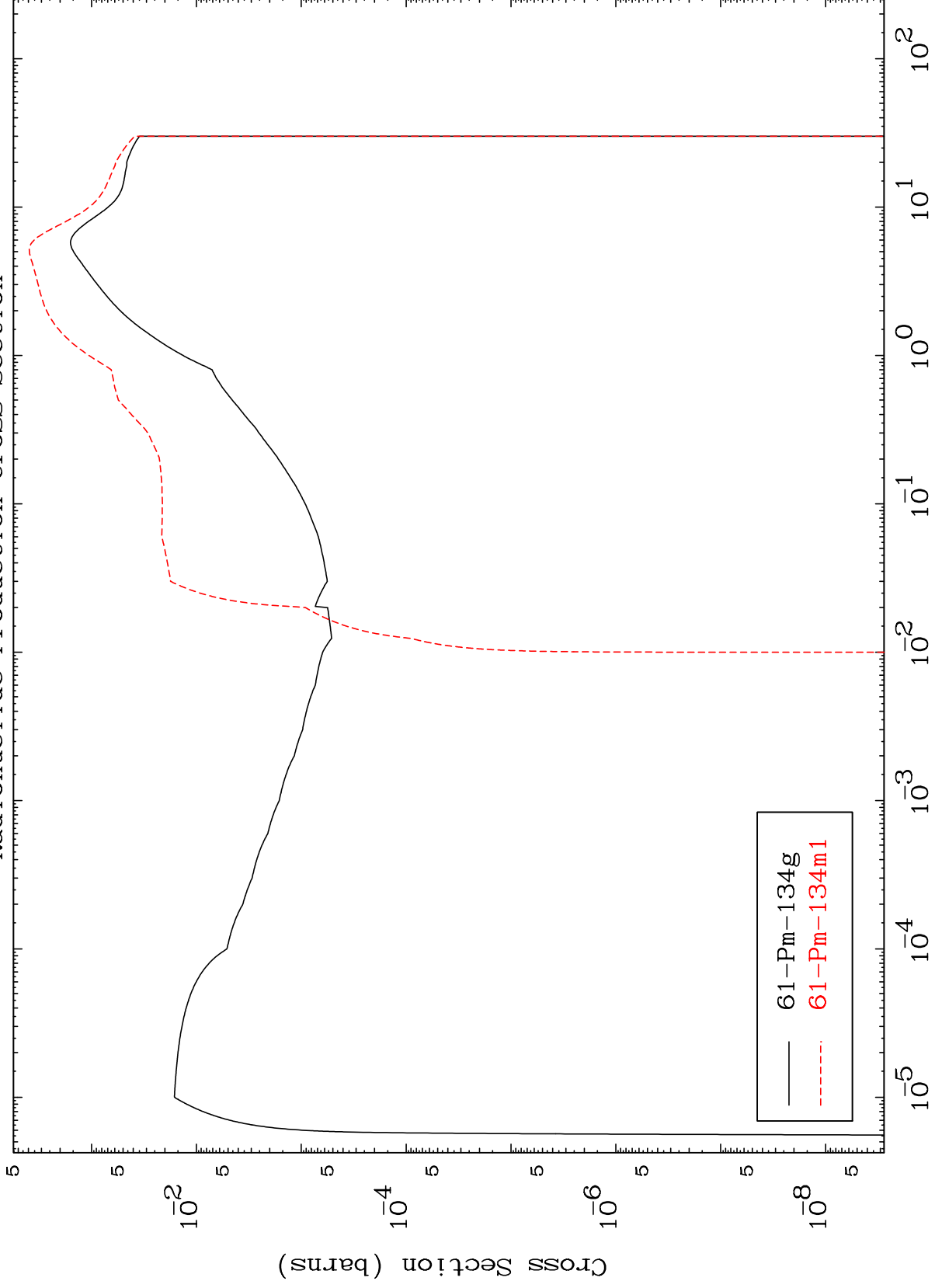
61-Pm-134



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61-Pm-134

Inelastic
Radionuclide Production Cross Section

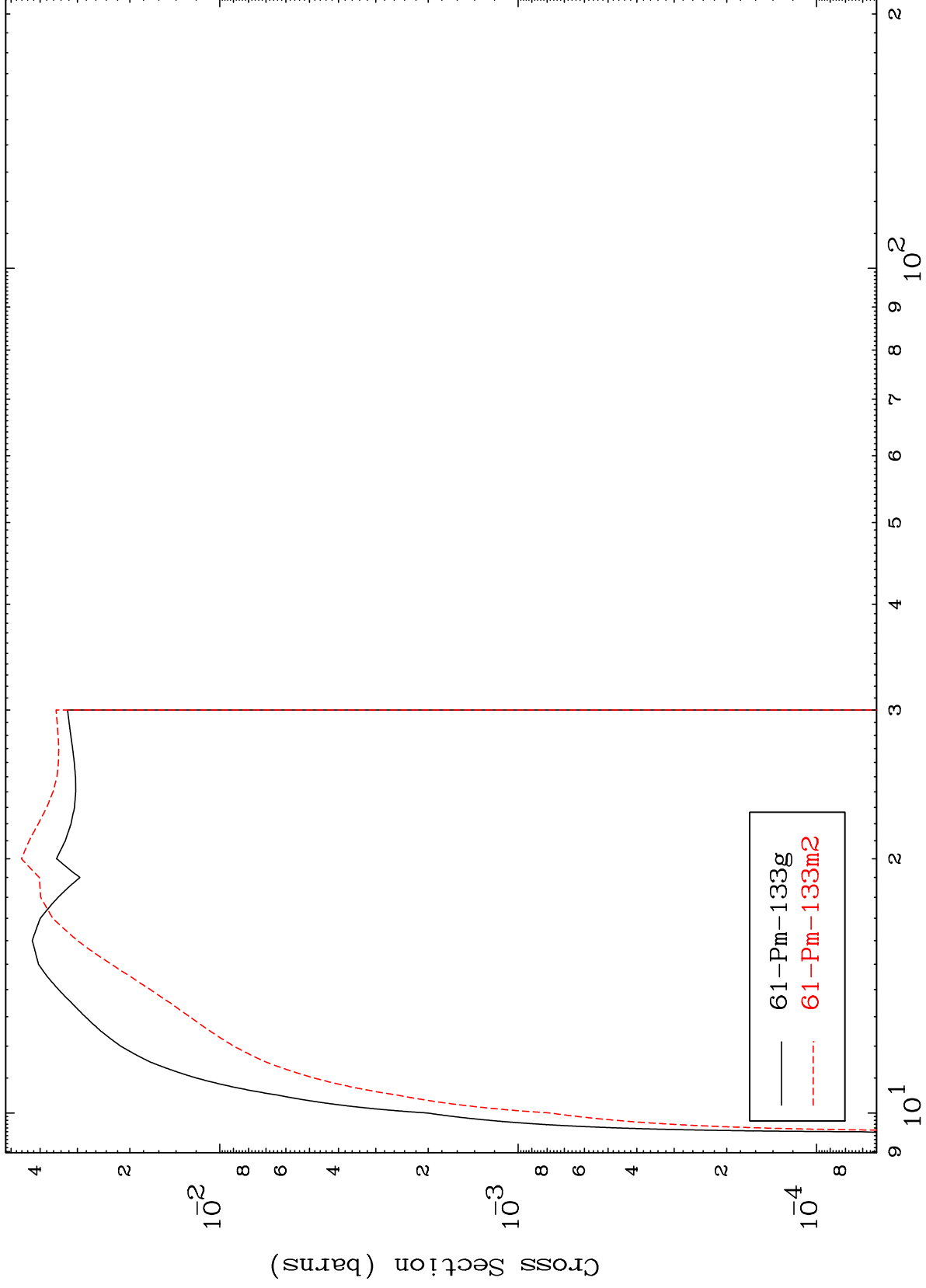


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61-Pm-134

(n,2n)
Radionuclide Production Cross Section



61-Pm-134

Incident Energy (MeV)

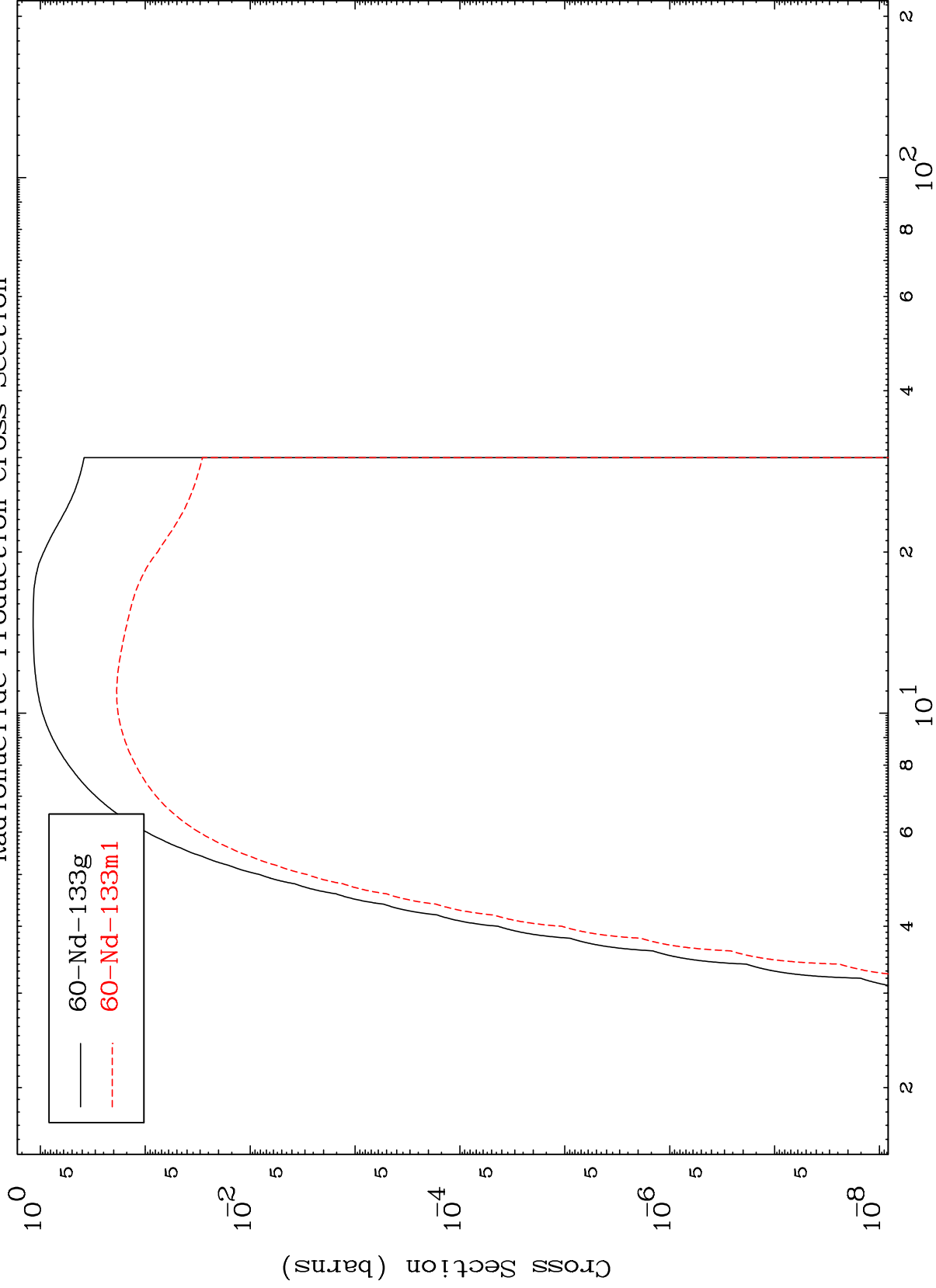
19

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(n,n') p

61-Pm-134

Radionuclide Production Cross Section



20

Incident Energy (MeV)

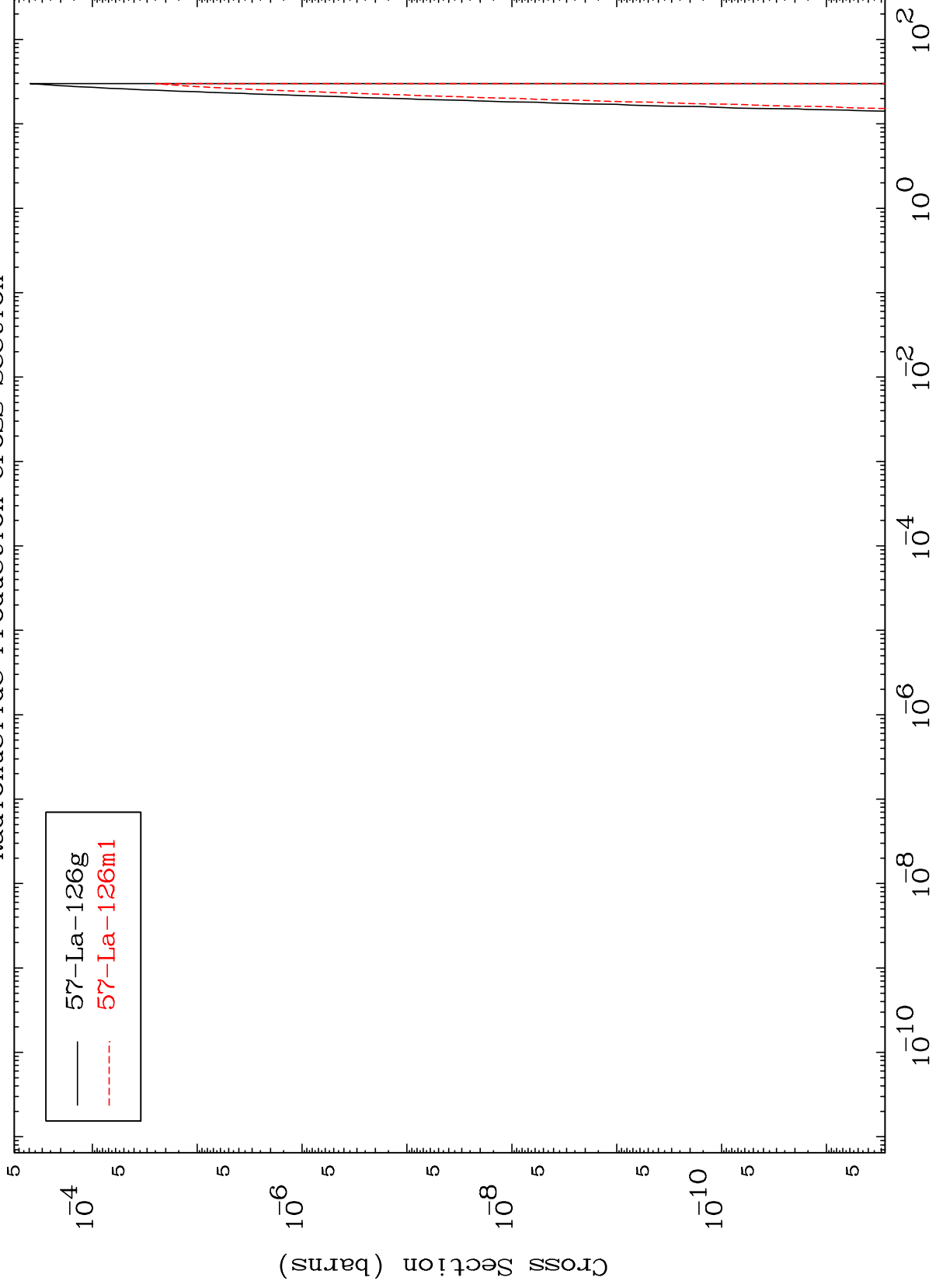
61-Pm-134

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(n,n') 2α

61-Pm-134

Radionuclide Production Cross Section

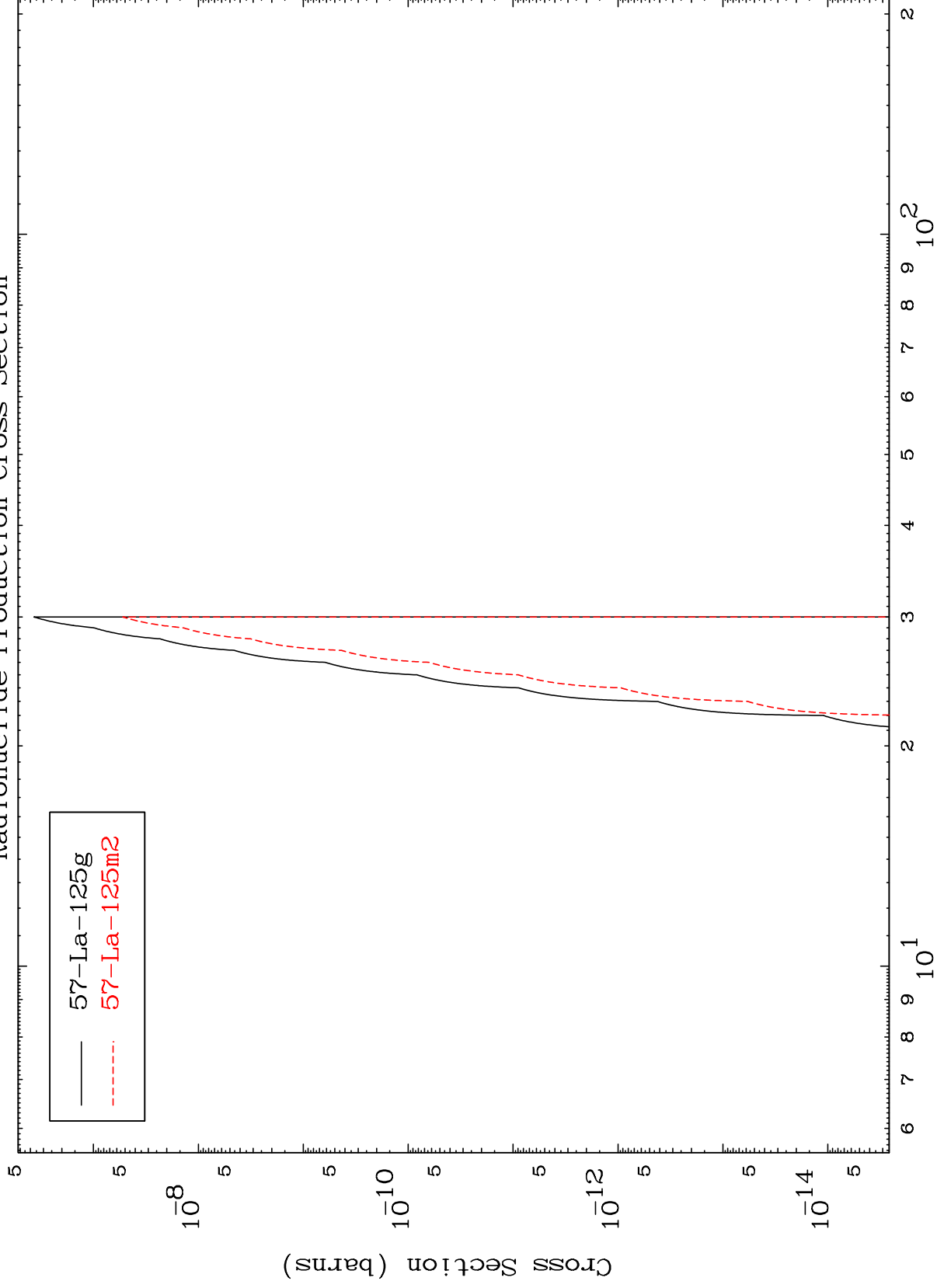


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(n,2n) 2 α

61-Pm-134

Radionuclide Production Cross Section



22

Incident Energy (MeV)

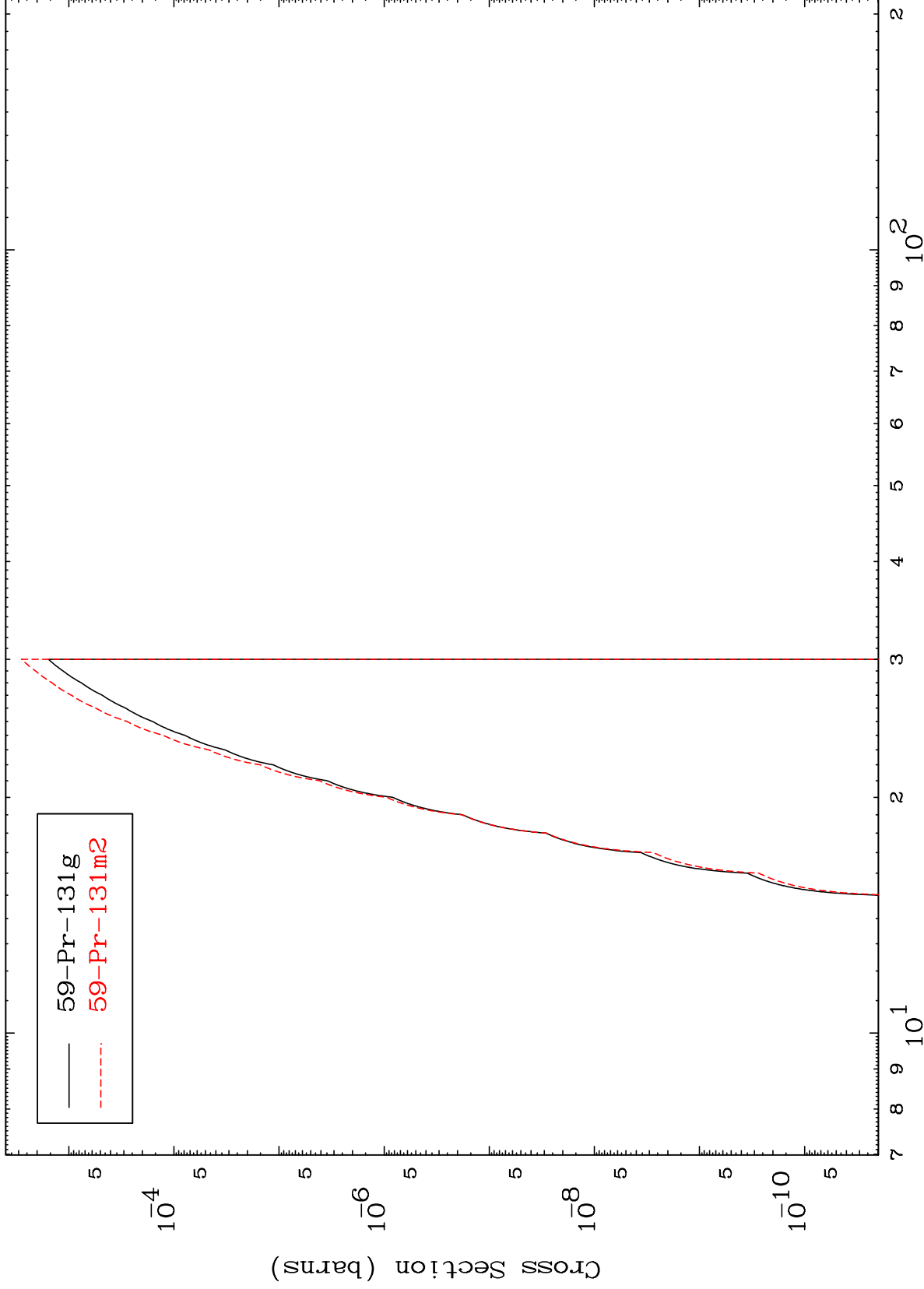
61-Pm-134

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(n,n') He-3

61-Pm-134

Radionuclide Production Cross Section



23

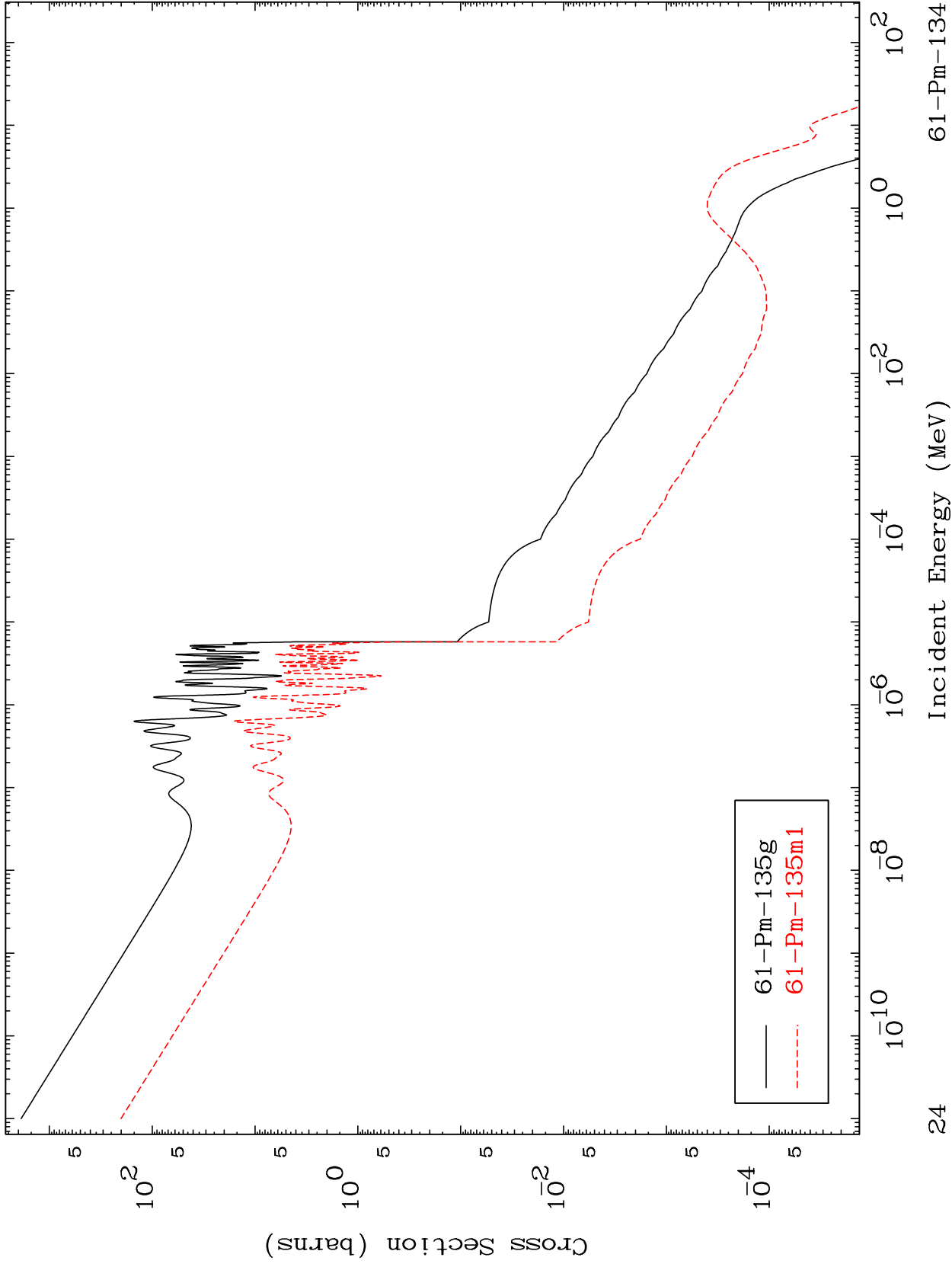
Incident Energy (MeV)

61-Pm-134

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61-Pm-134

(n, γ)
Radionuclide Production Cross Section

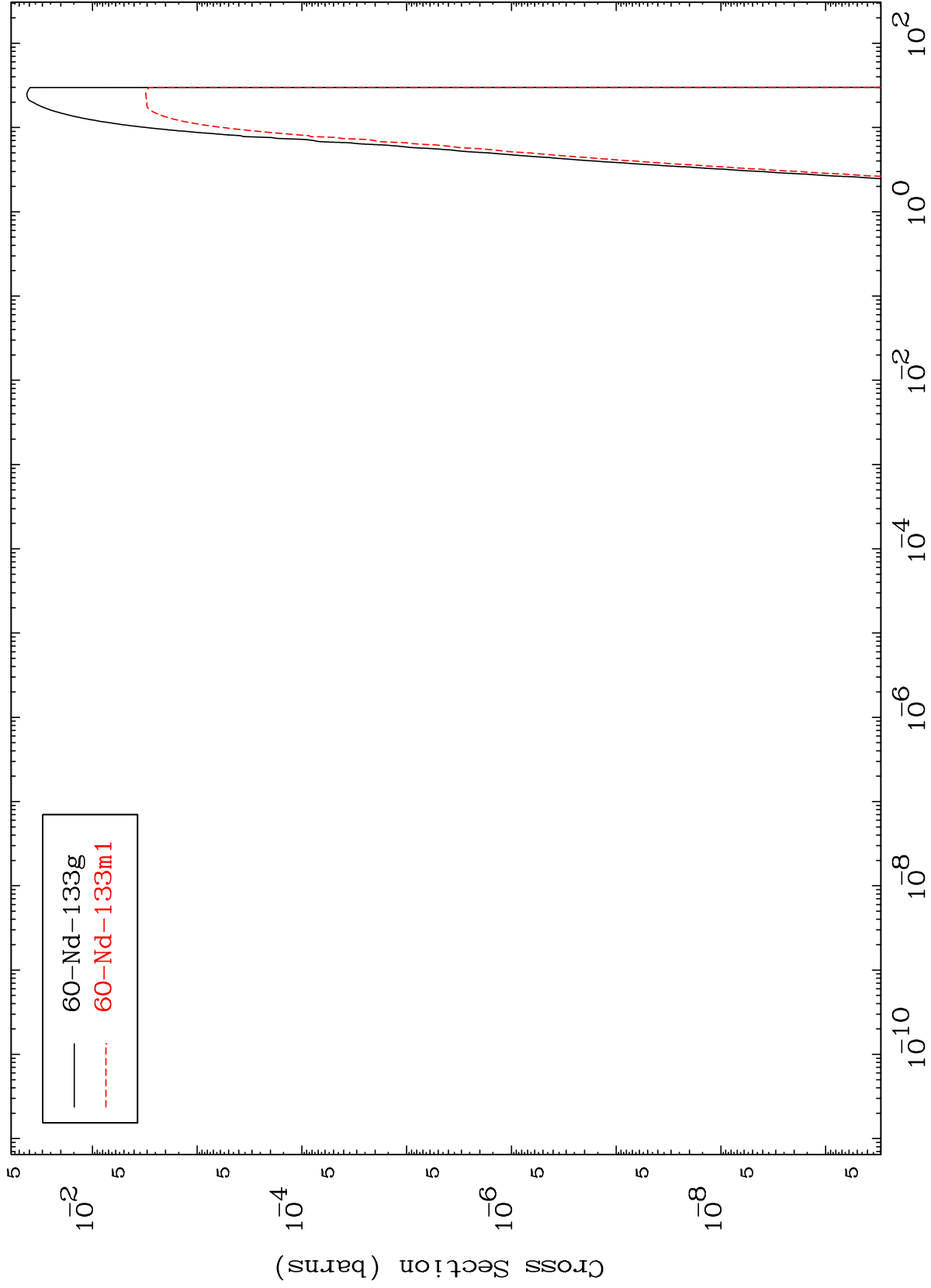


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(n,d)

61-Pm-134

Radionuclide Production Cross Section



60-Nd-133g
60-Nd-133m1

Incident Energy (MeV)

61-Pm-134

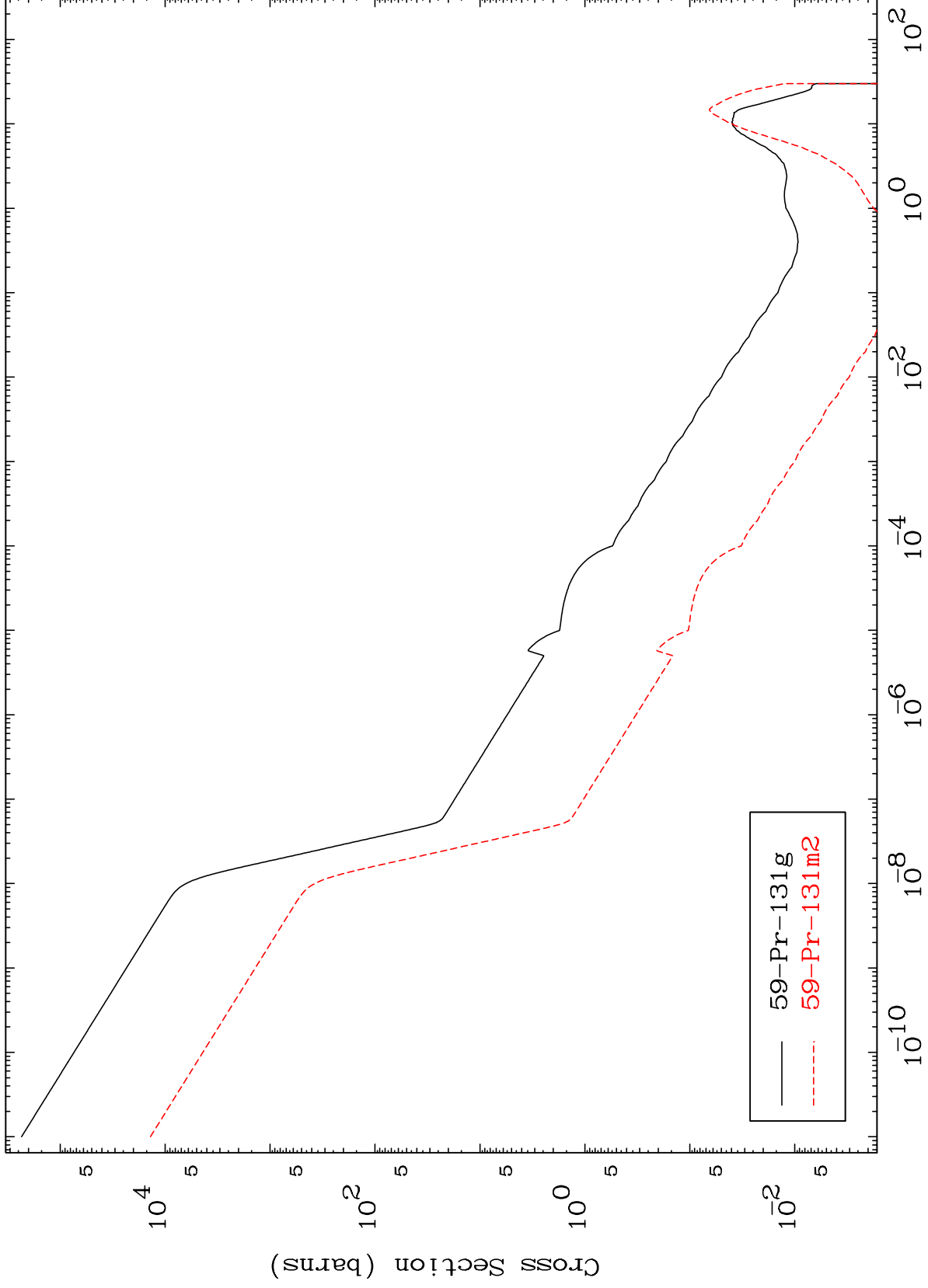
25

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61-Pm-134

Radionuclide Production Cross Section

(n, α)



26

Incident Energy (MeV)

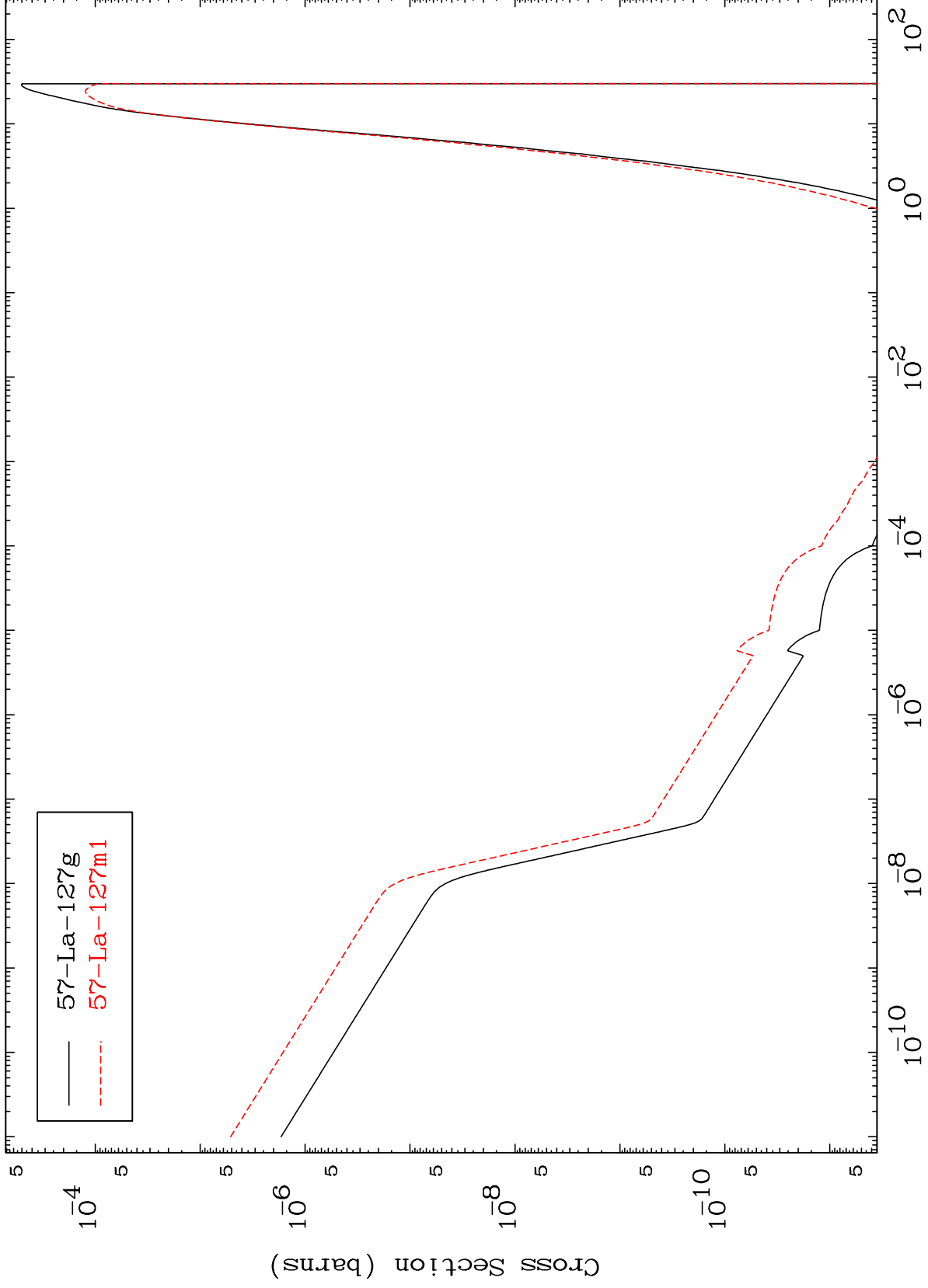
61-Pm-134

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(n,2α)

61-Pm-134

Radionuclide Production Cross Section

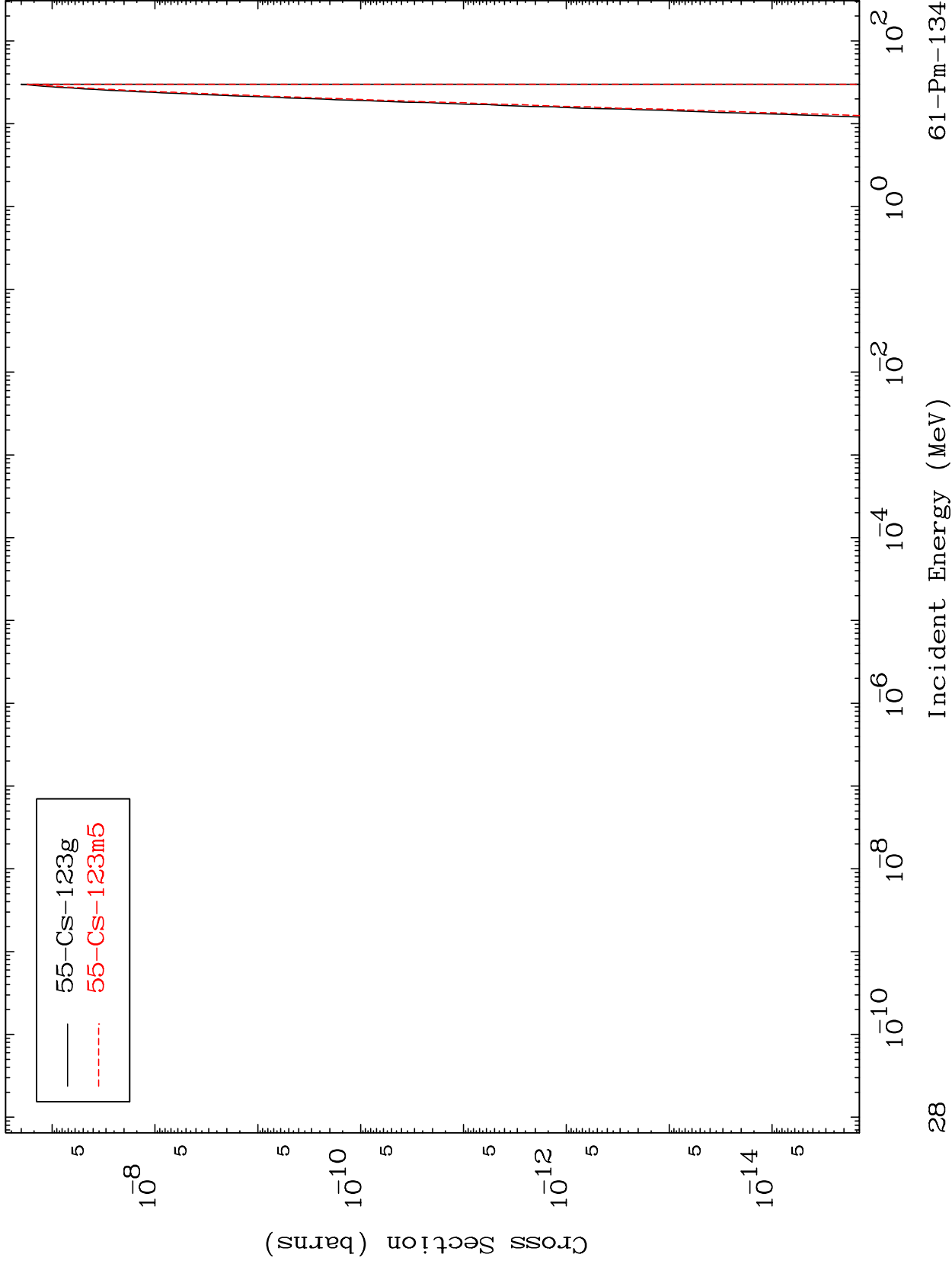


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(n, 3α)

61-Pm-134

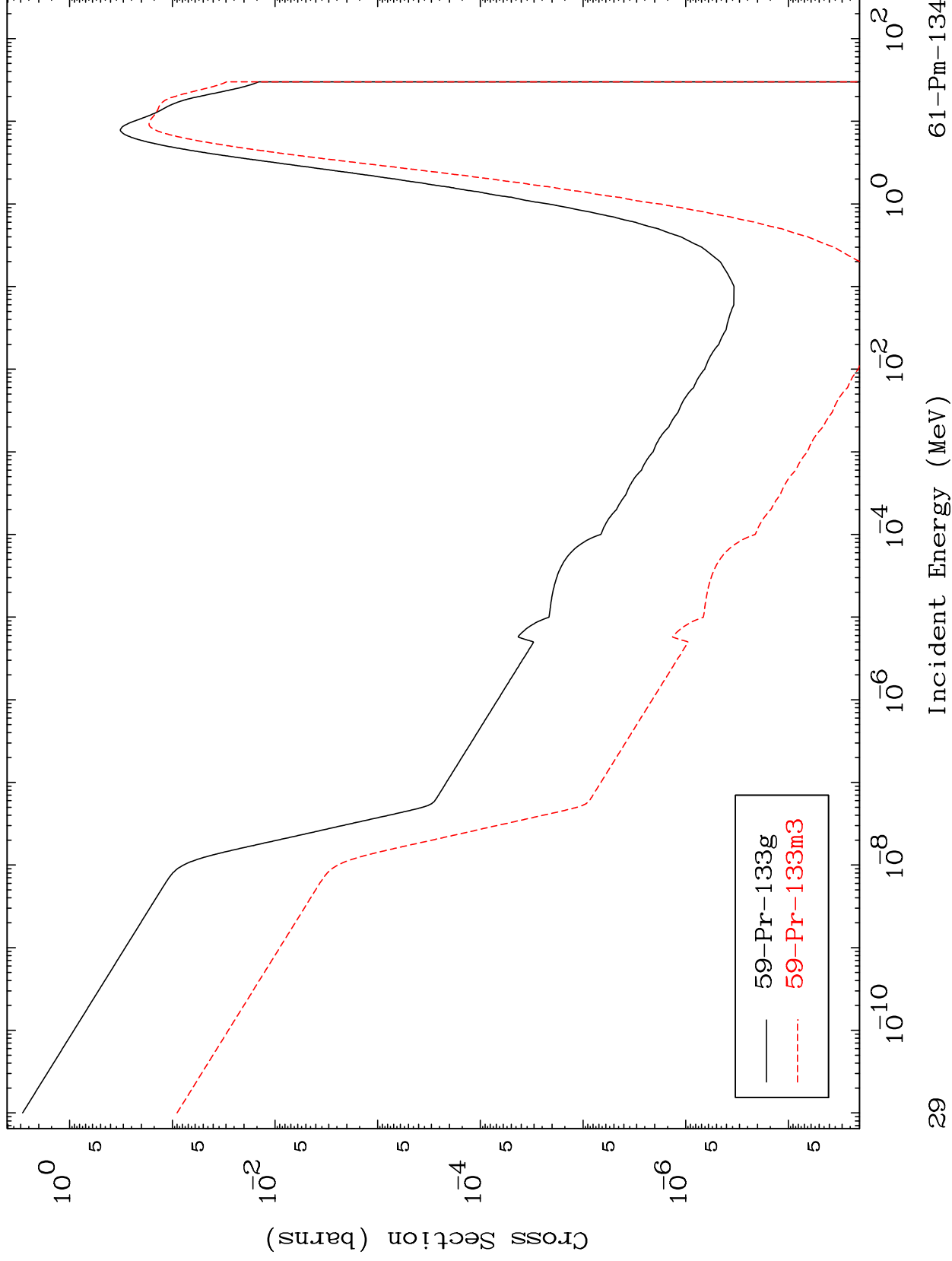
Radionuclide Production Cross Section



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61-Pm-134

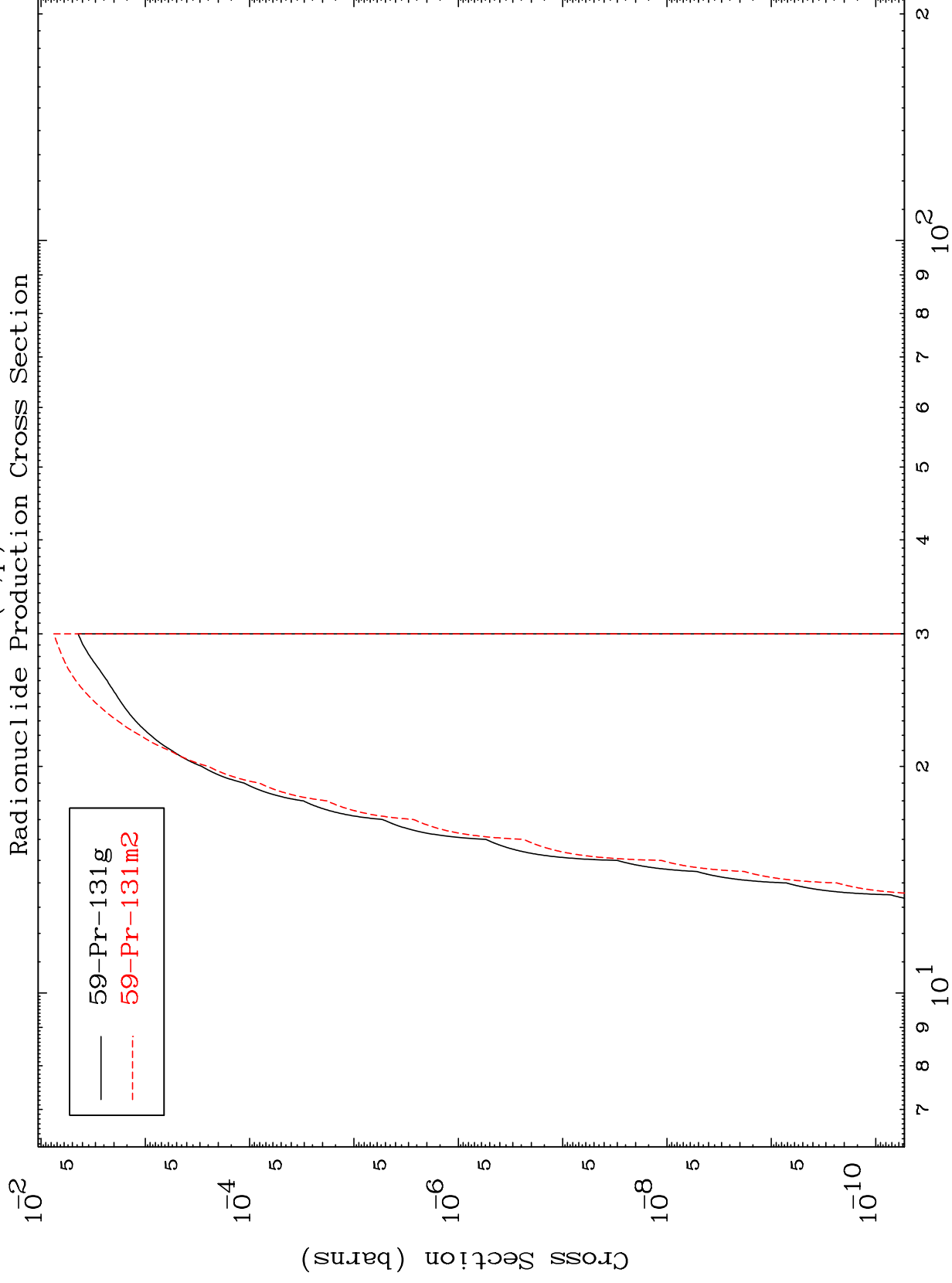
(n,2p)
Radionuclide Production Cross Section



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(n,p) t

61-Pm-134



30

Incident Energy (MeV)

61-Pm-134