

Program EVALPLOT
(Version 2017-1)

by

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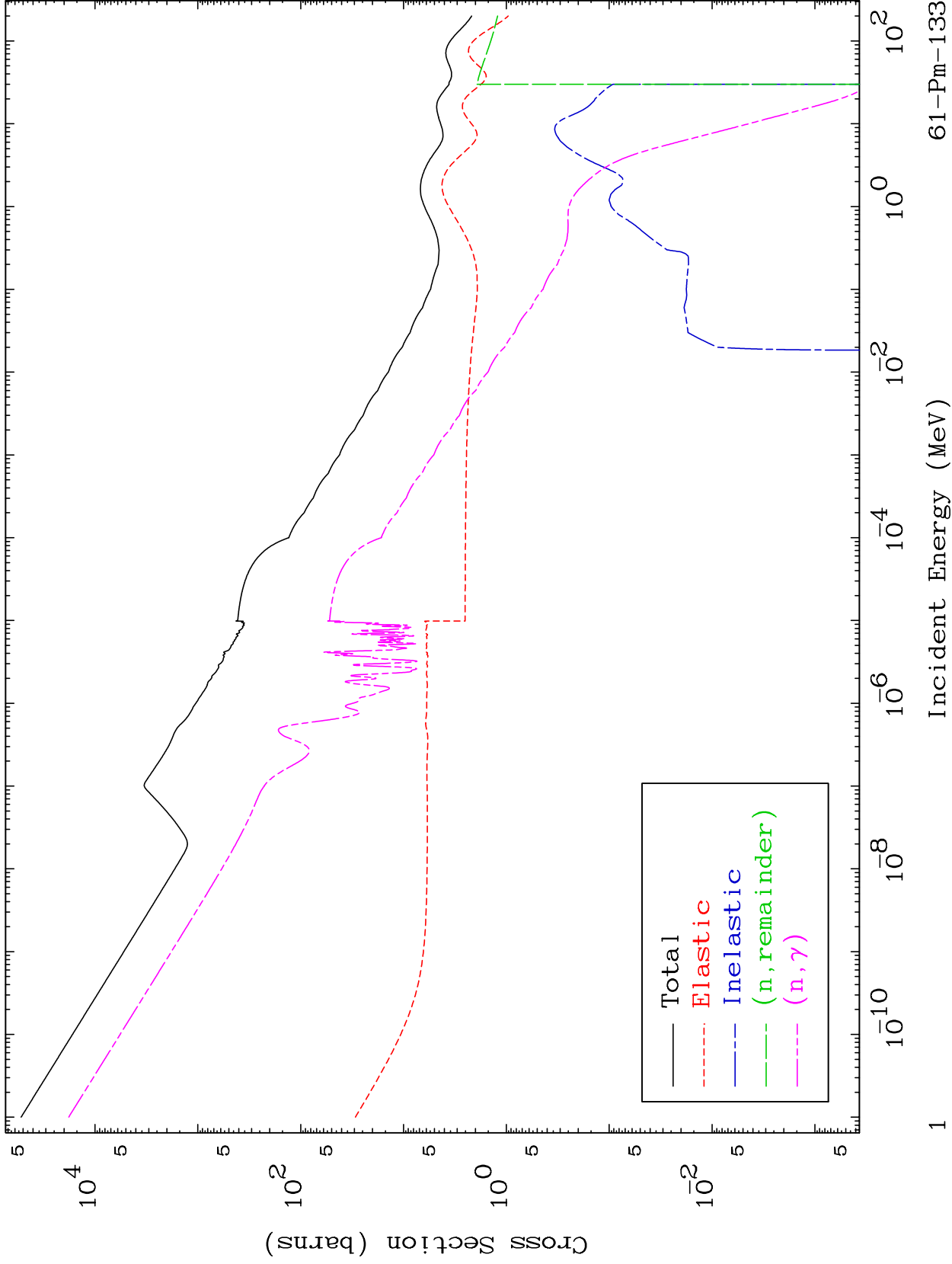
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6108

Major
293 Kelvin Cross Sections

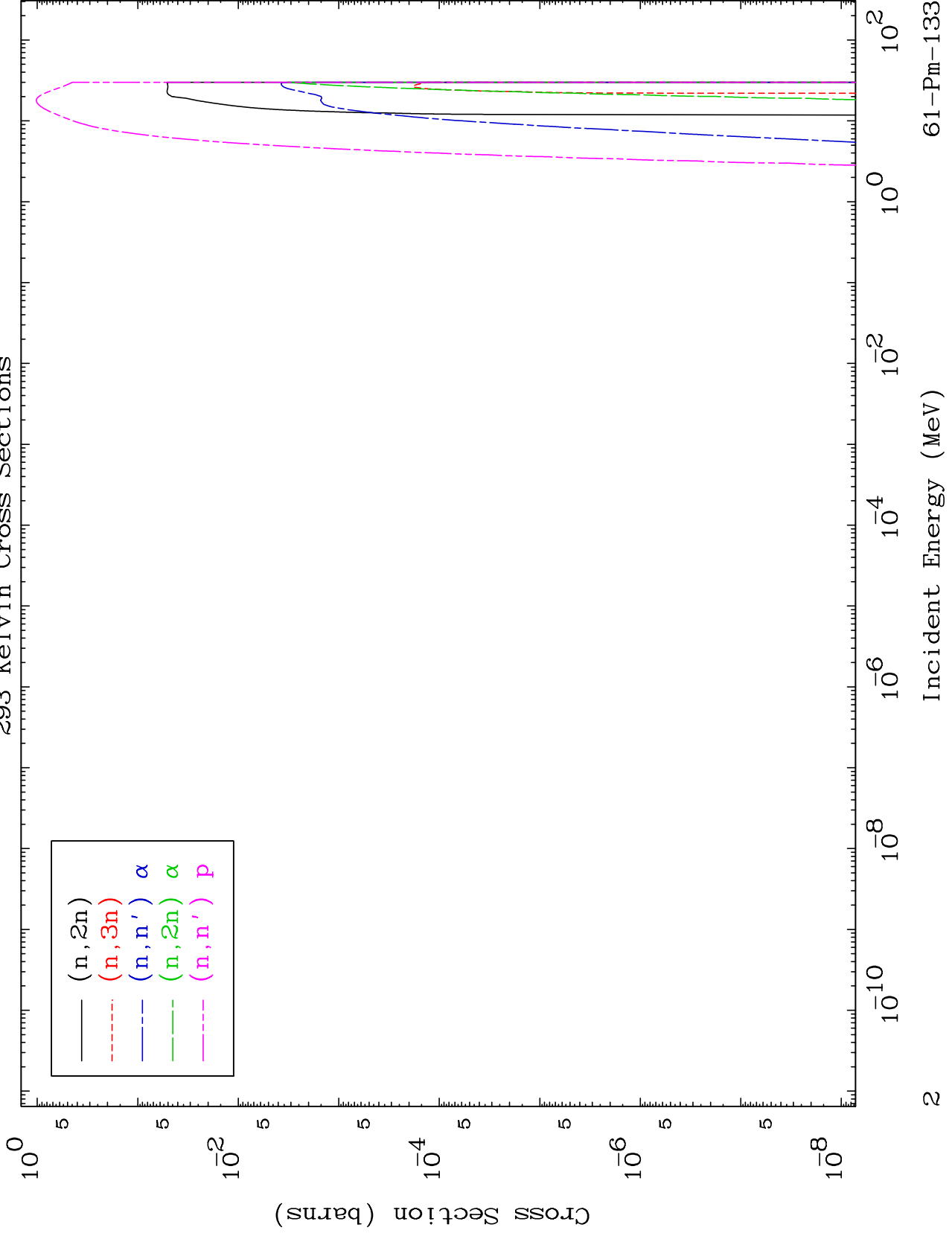
61-Pm-133



MAT 6108

Neutron Production
293 Kelvin Cross Sections

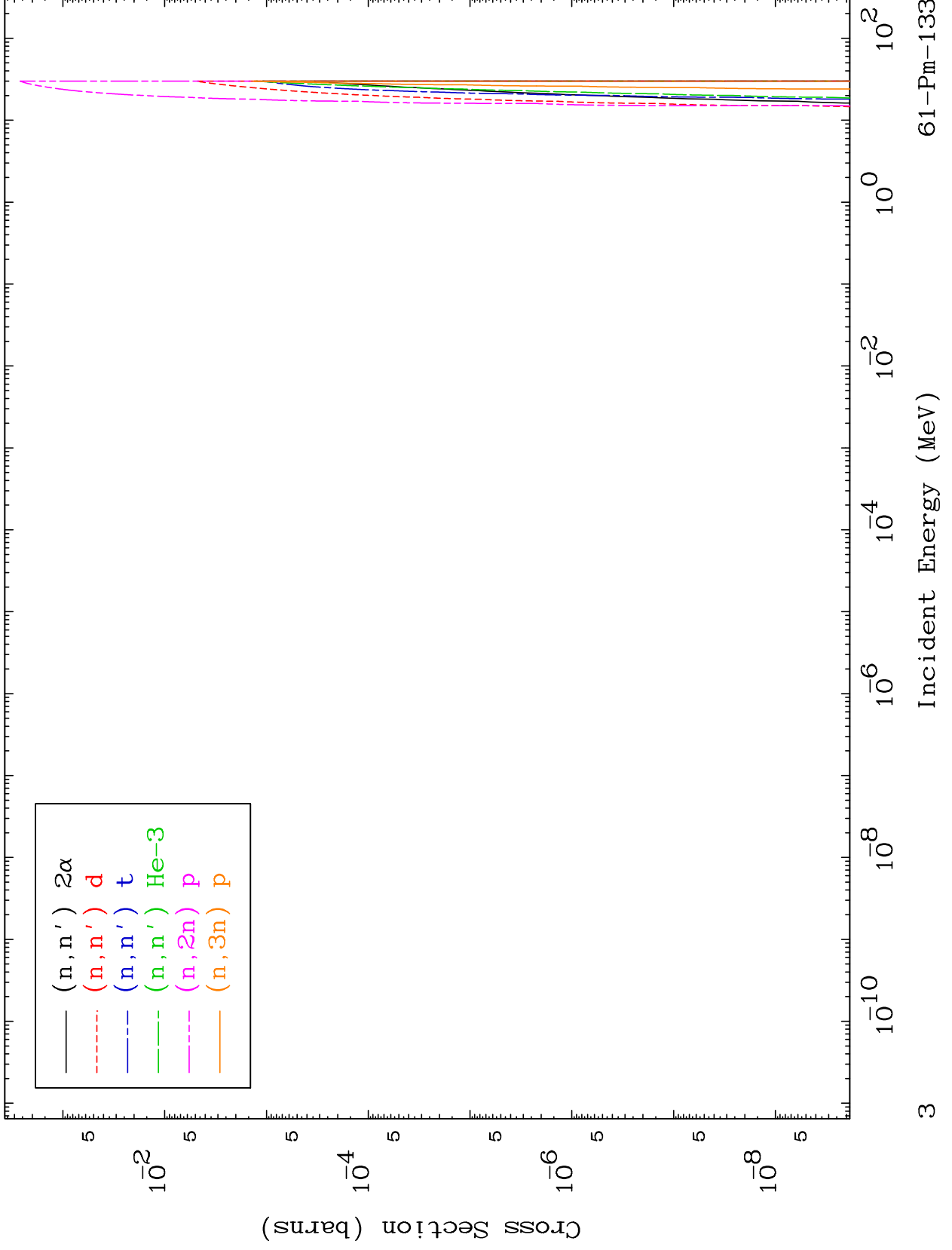
61-Pm-133



MAT 6108

Neutron Production
293 Kelvin Cross Sections

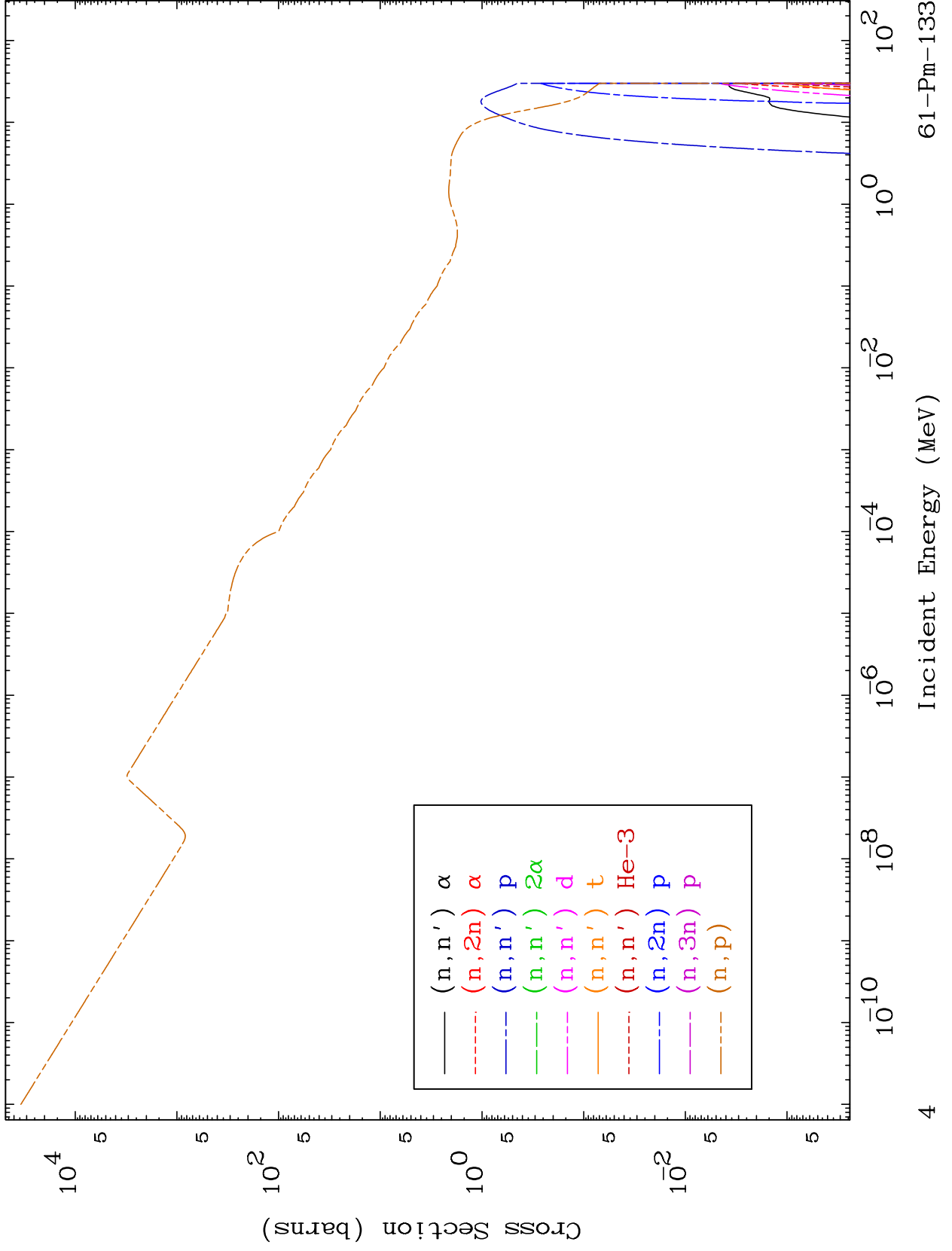
61-Pm-133



MAT 6108

Charged Particle
293 Kelvin Cross Sections

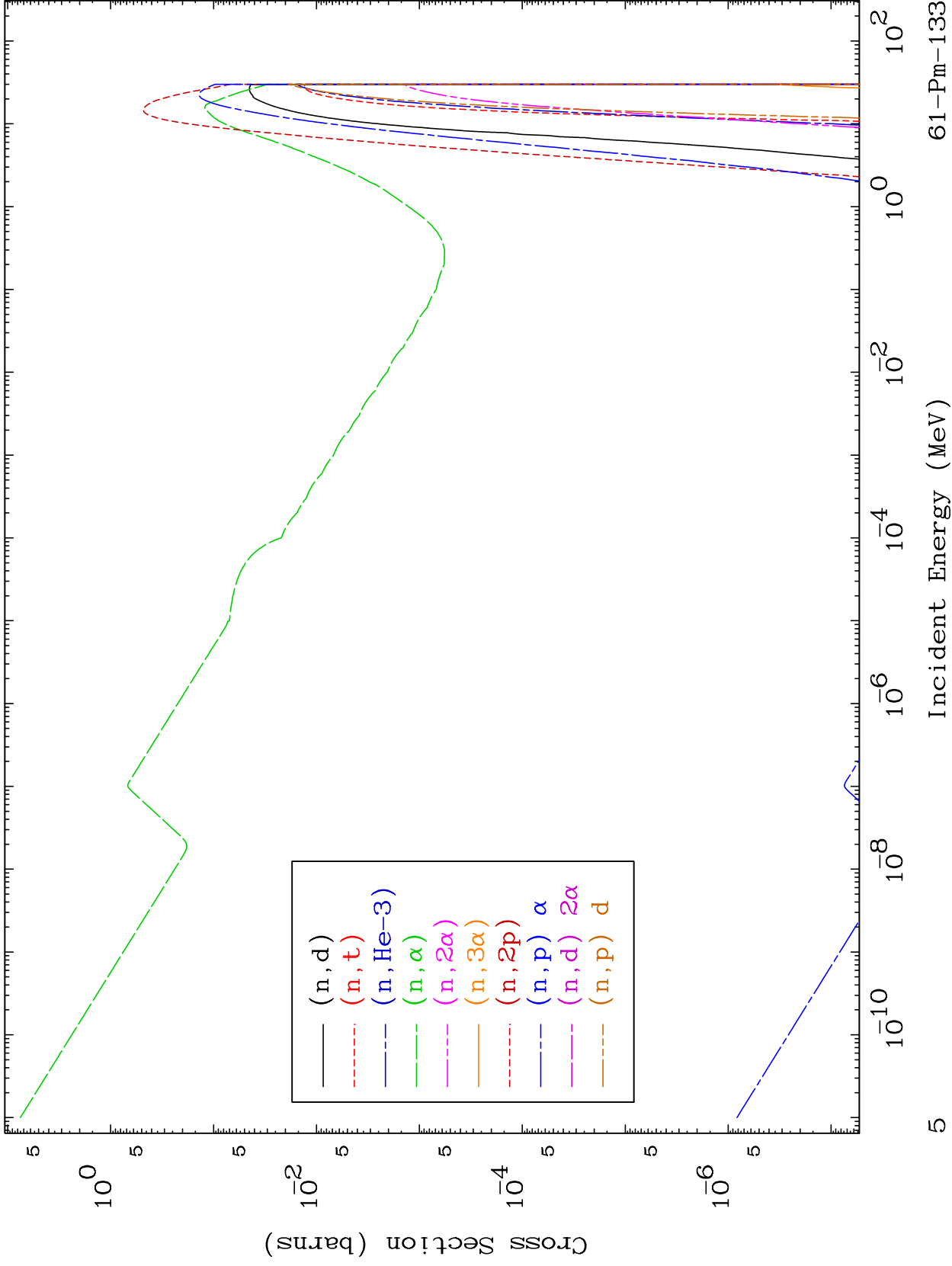
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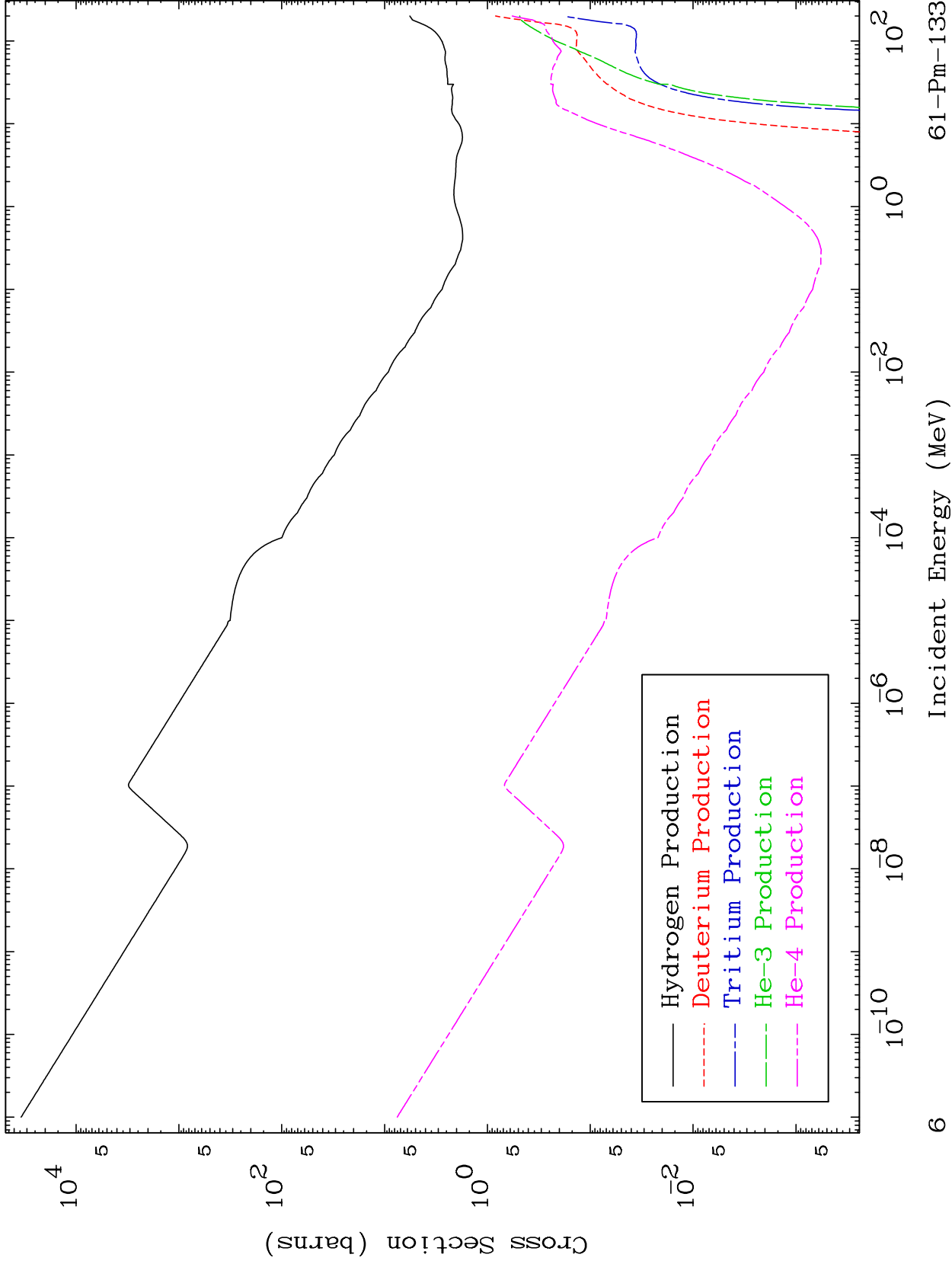


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Charged Particle
293 Kelvin Cross Sections

61-Pm-133



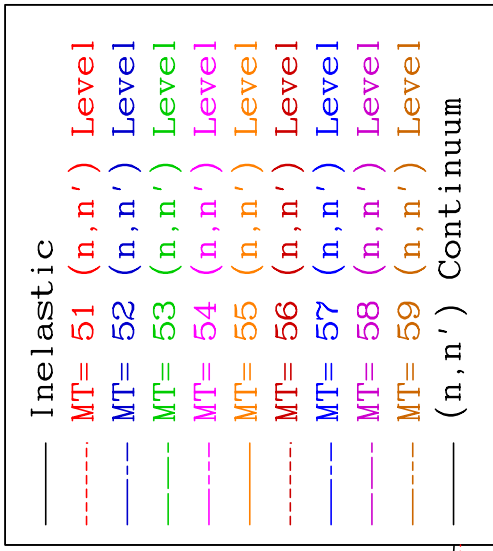
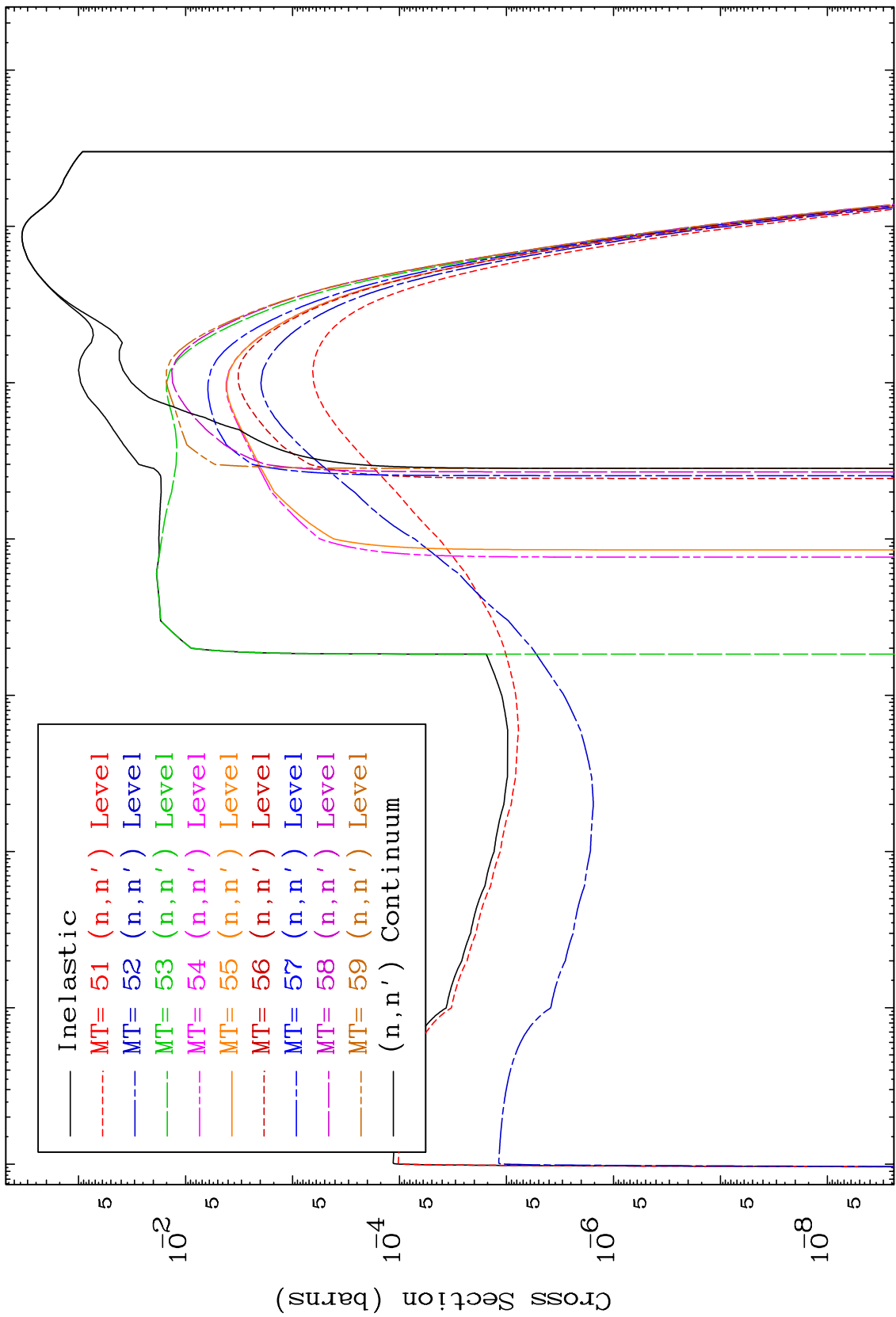


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(n,n') Level

61-Pm-133

293 Kelvin Cross Sections



Incident Energy (MeV)

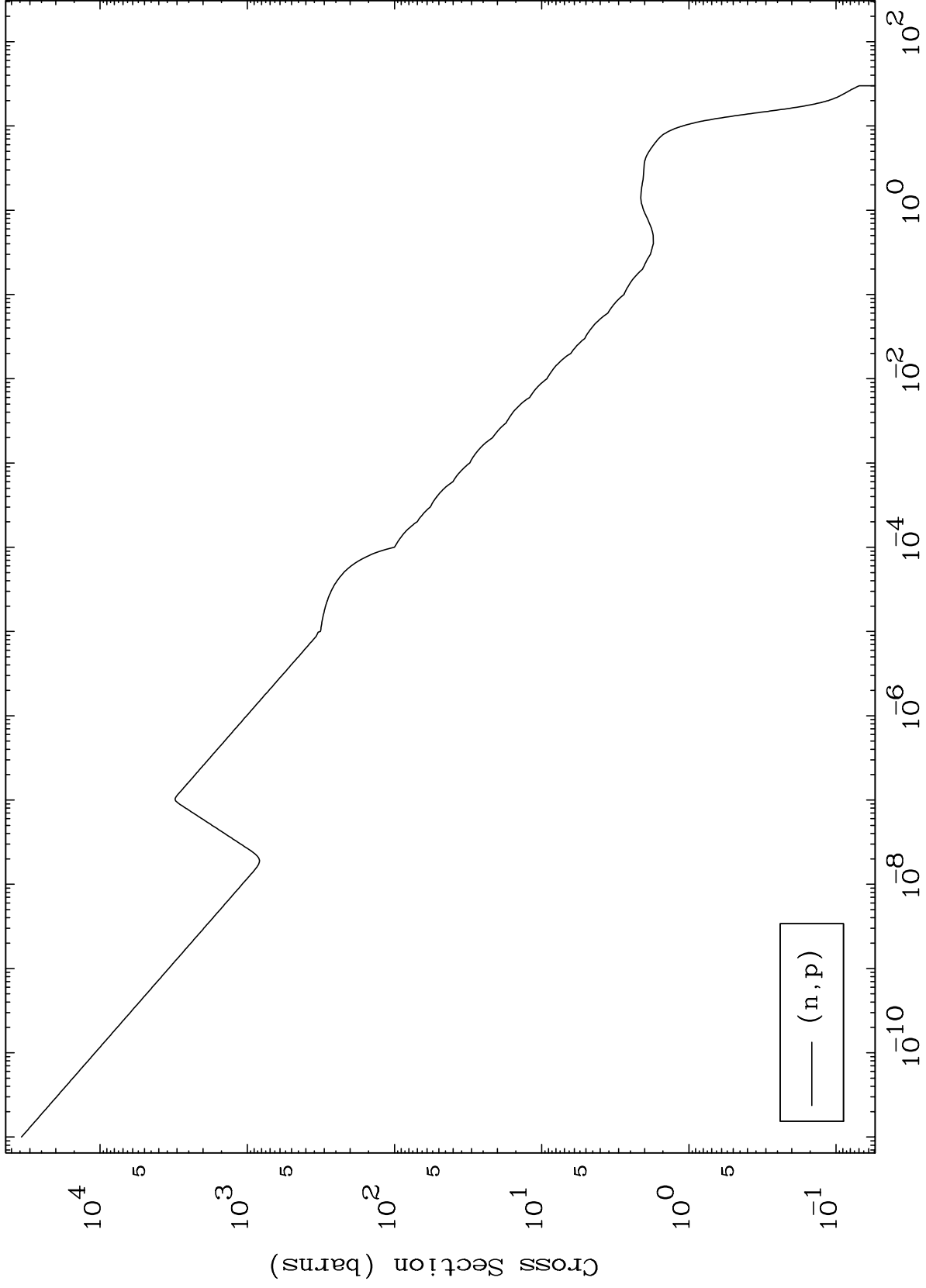
61-Pm-133

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(n,p) Levels
293 Kelvin Cross Sections

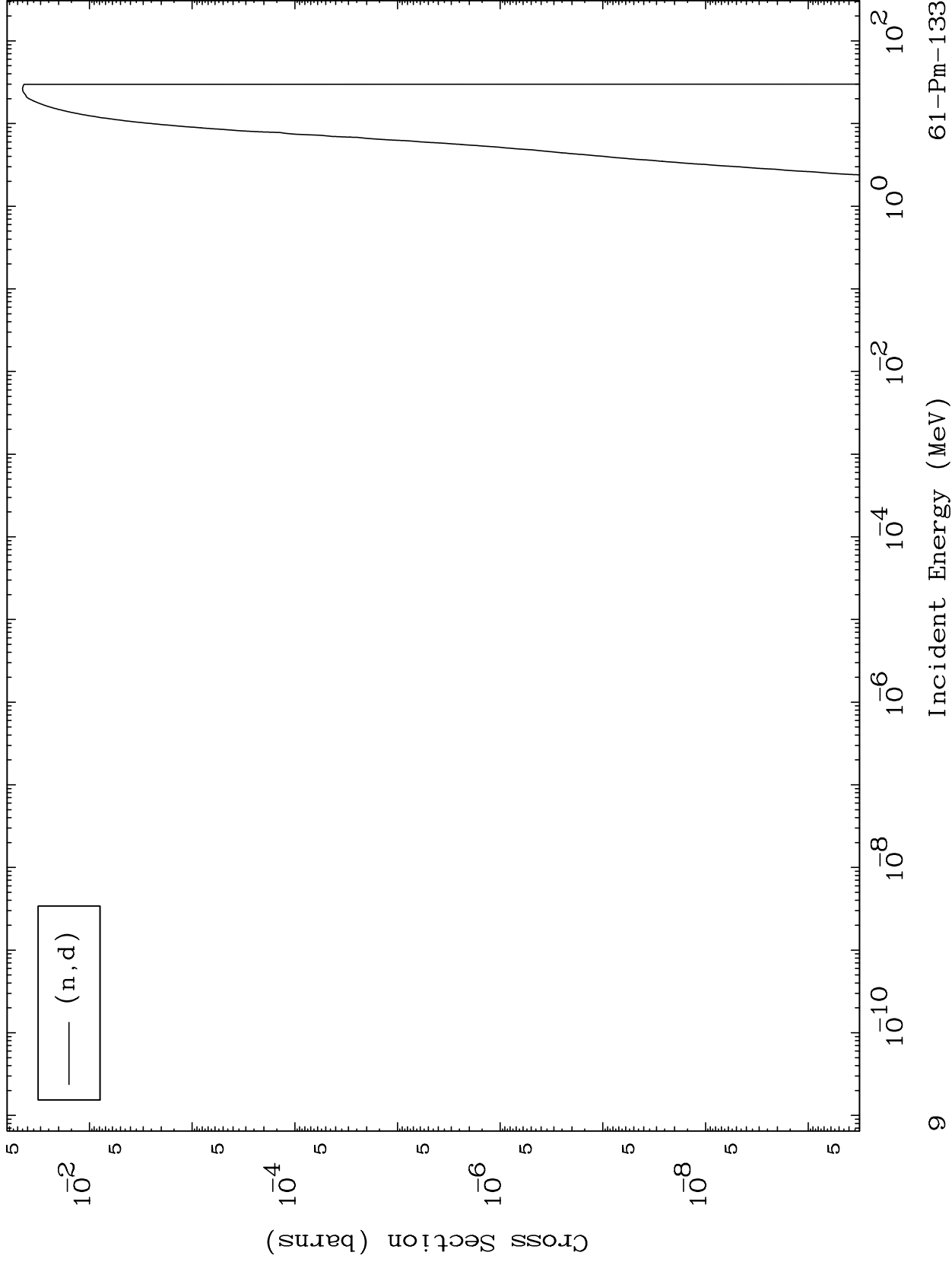
61-Pm-133



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(n,d) Levels
293 Kelvin Cross Sections

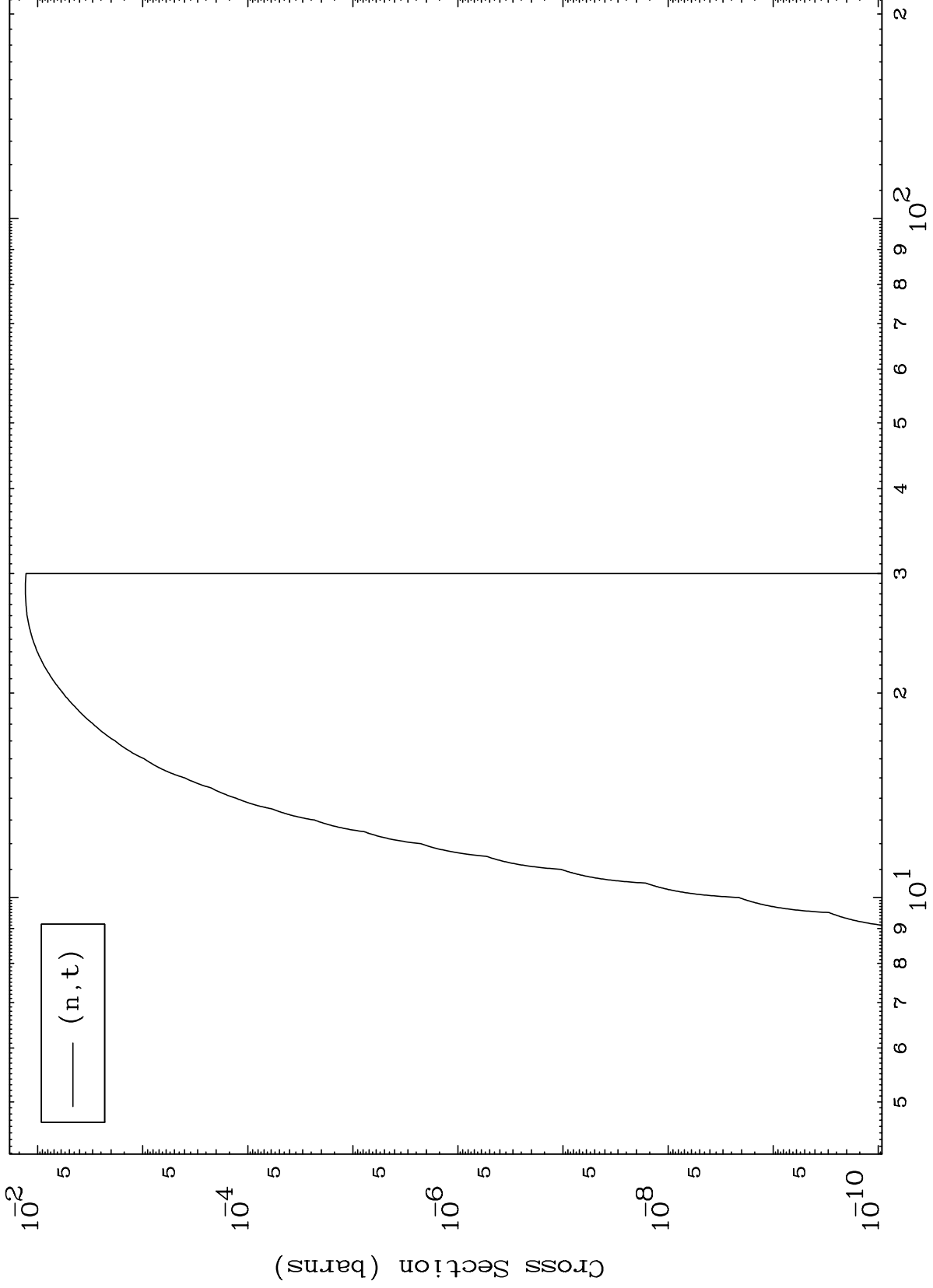
61-Pm-133



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(n,t) Levels
293 Kelvin Cross Sections

61-Pm-133



10

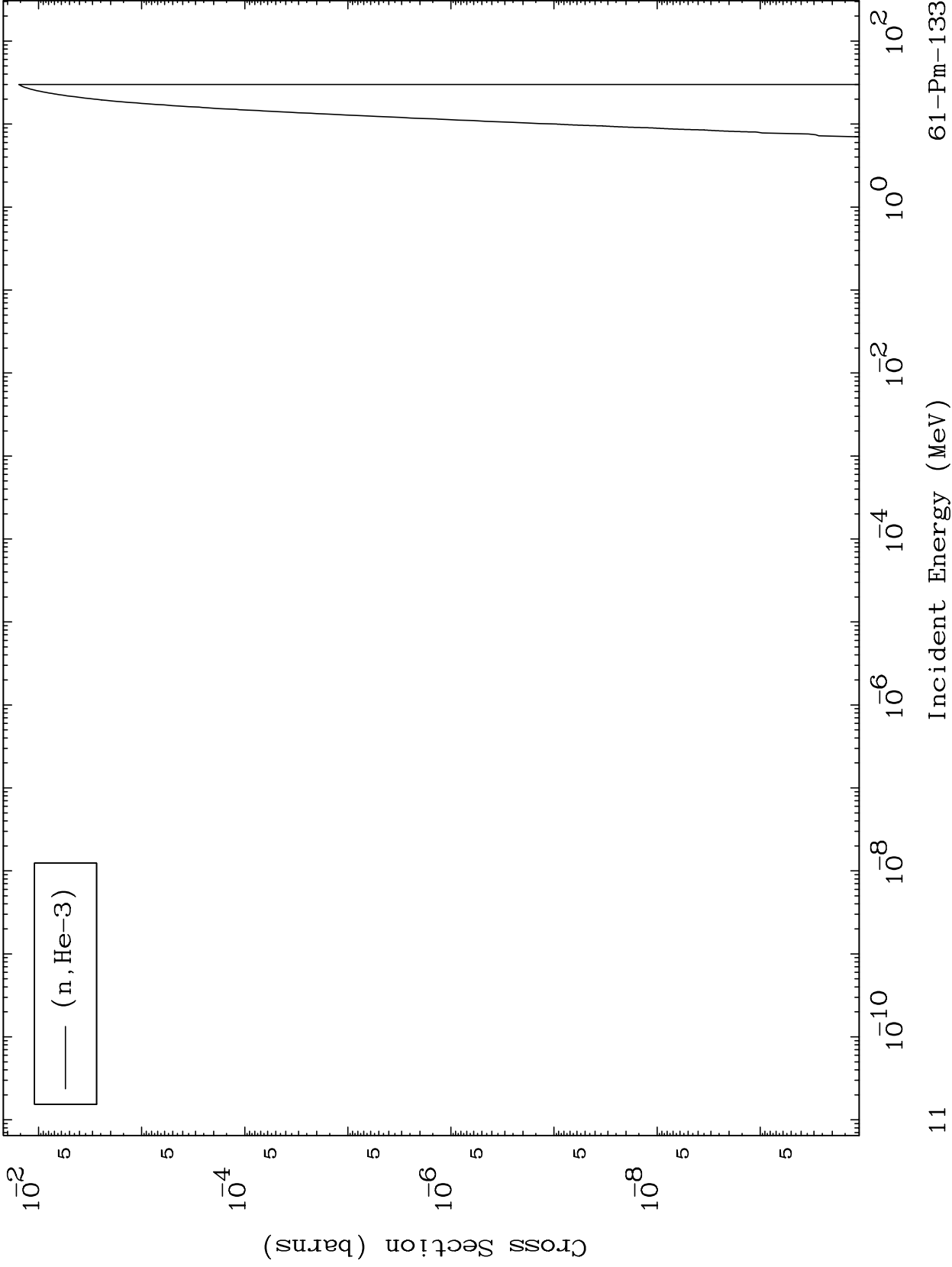
Incident Energy (MeV)

61-Pm-133

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(n,He3) Levels
293 Kelvin Cross Sections

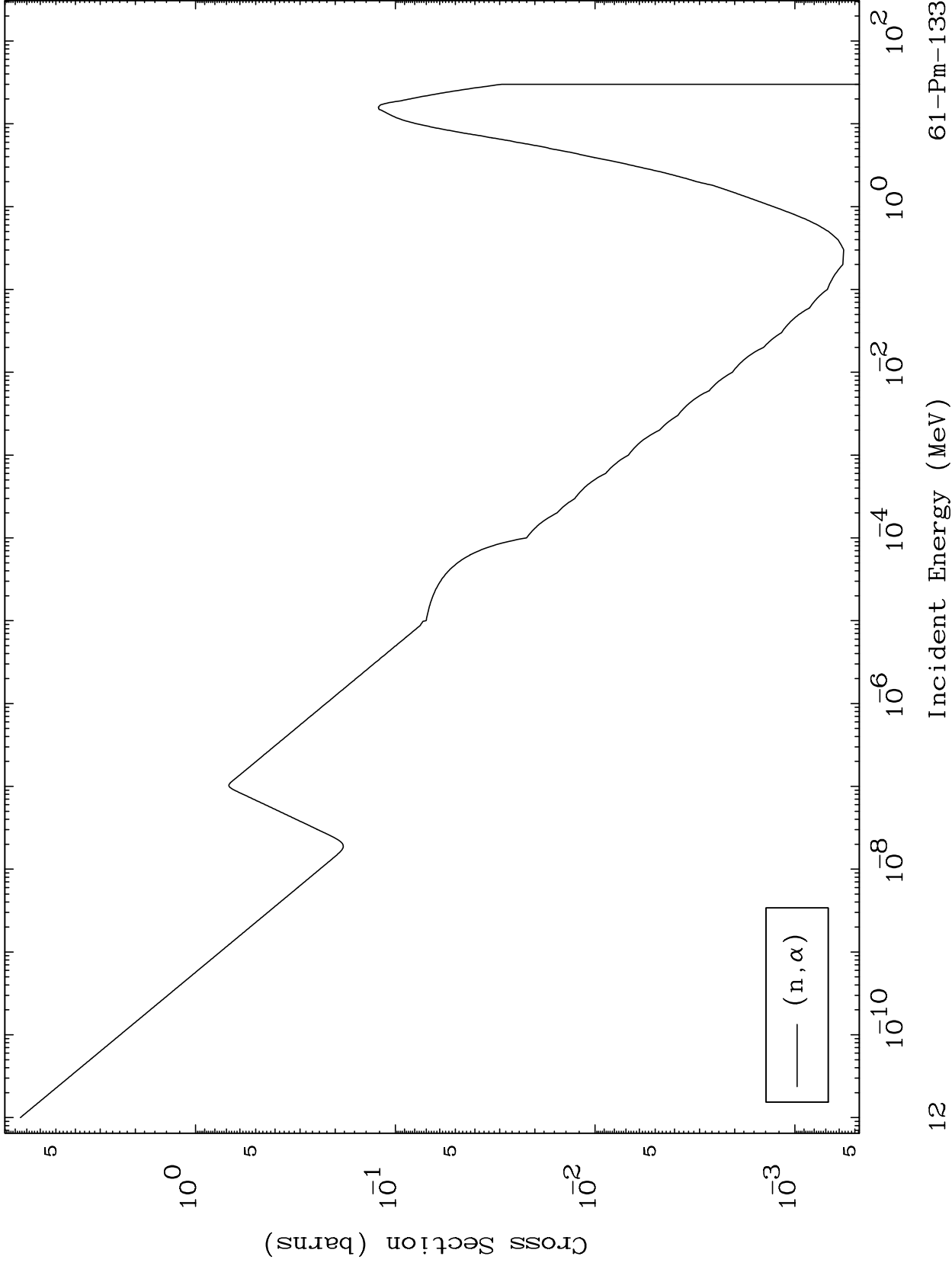
61-Pm-133



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(n, α) Levels
293 Kelvin Cross Sections

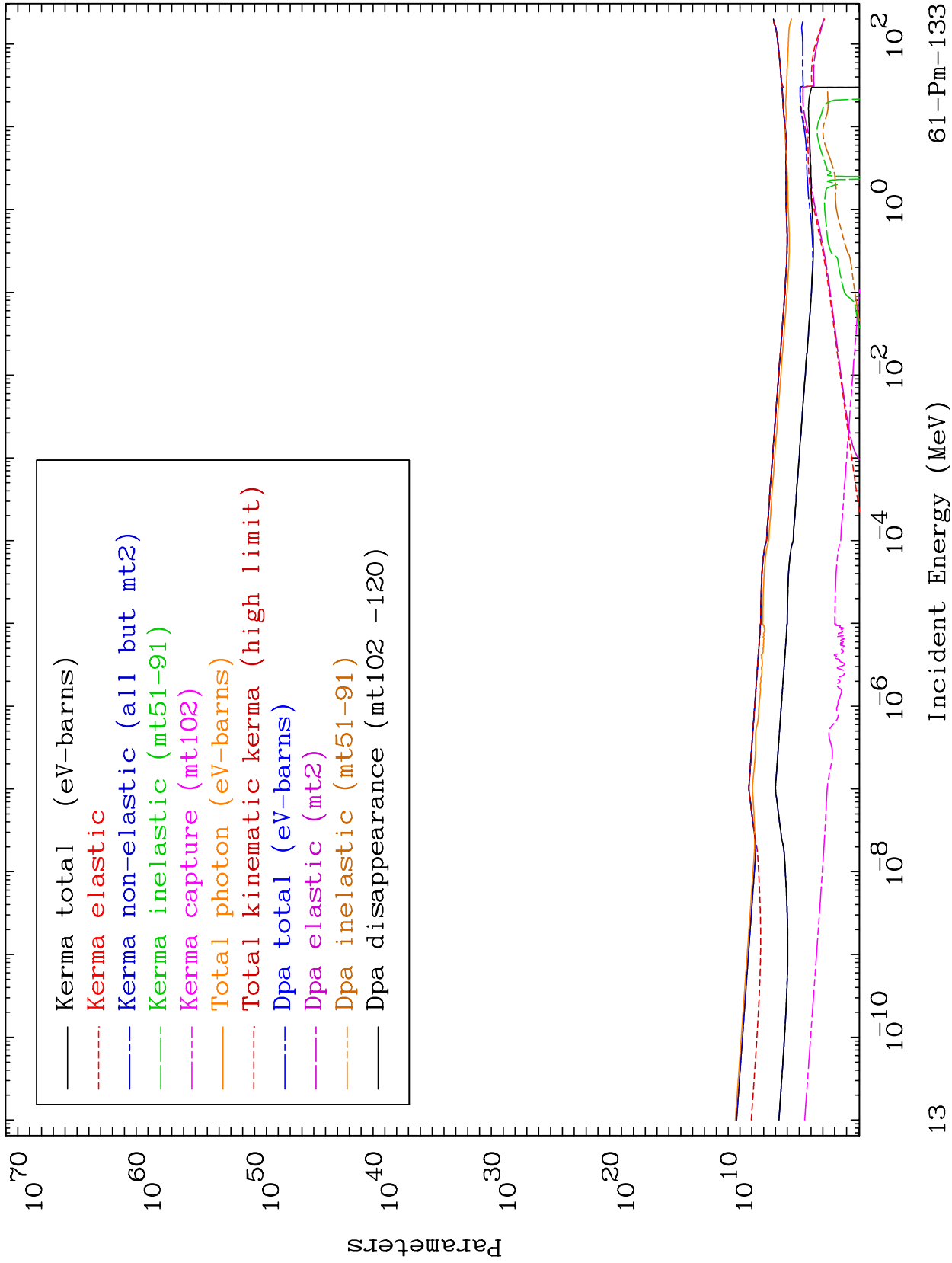
61-Pm-133



12

Incident Energy (MeV)

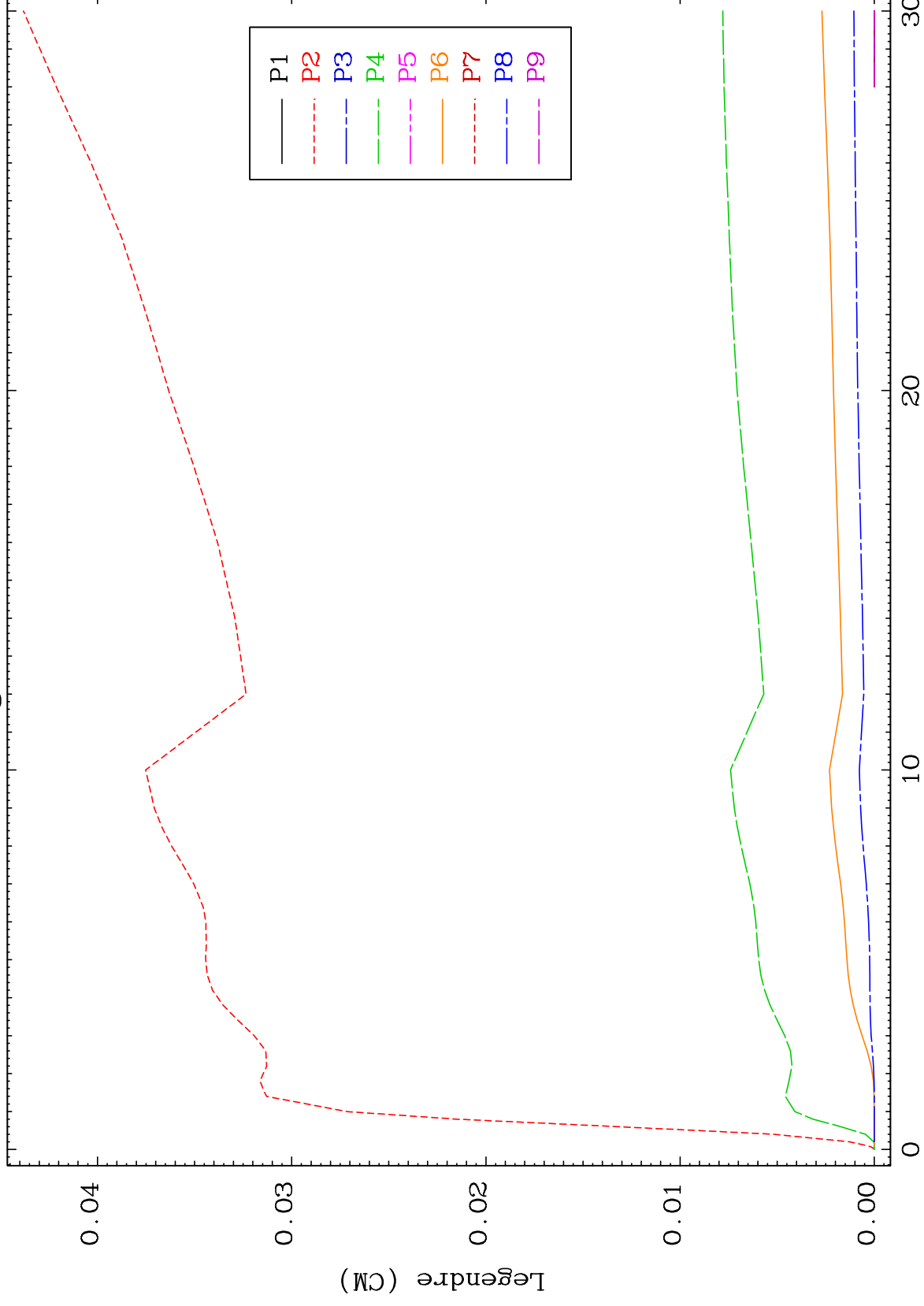
61-Pm-133



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Elastic
Legendre Coefficients

61-Pm-133



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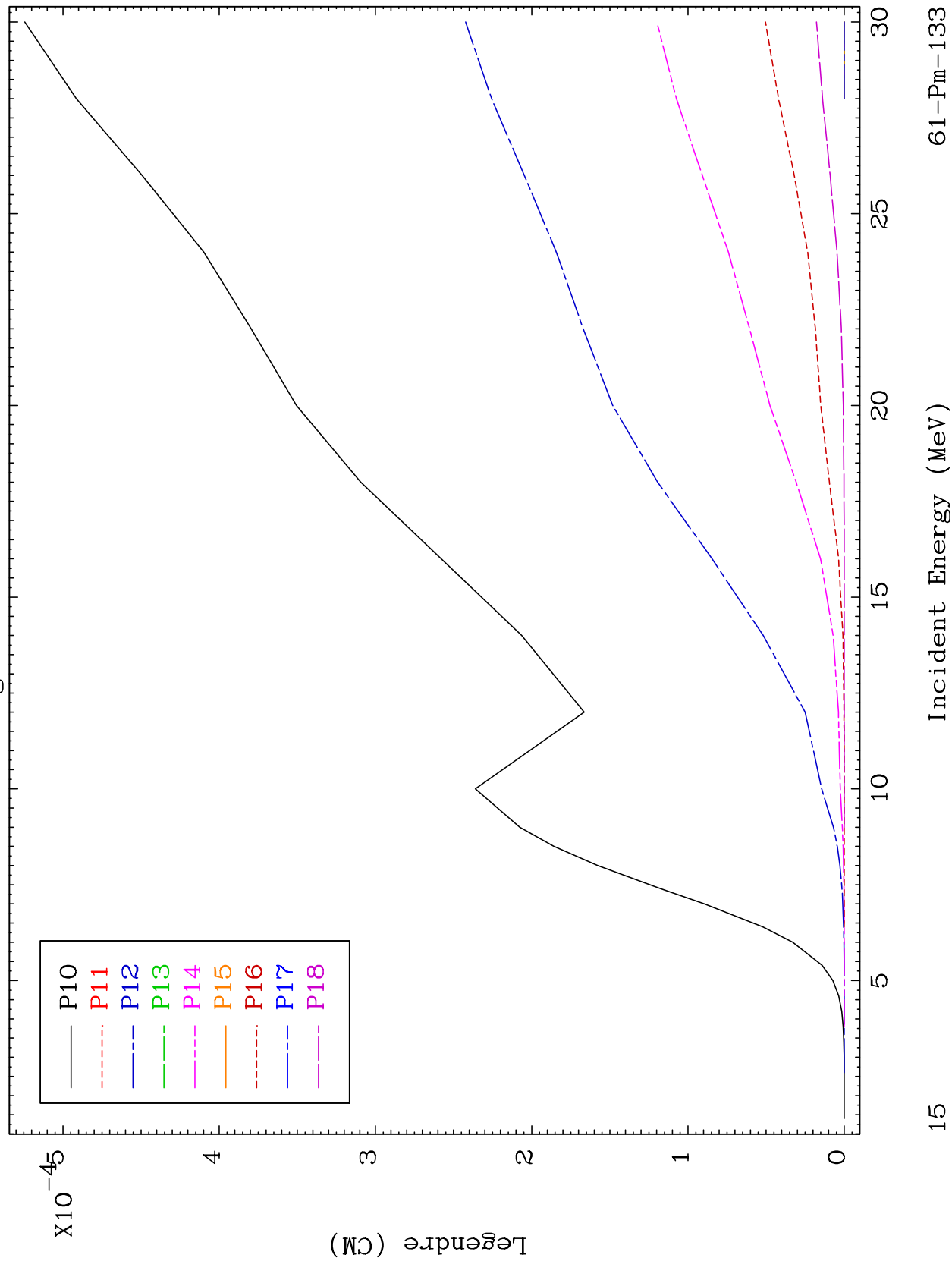
Incident Energy (MeV)

61-Pm-133

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Elastic Legendre Coefficients

61-Pm-133

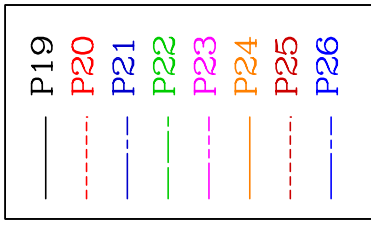


- P10
- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18

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Elastic Legendre Coefficients

61-Pm-133



$\times 10^{-6}$
1.5
1.0
0.5
0.0

Legendre (CM)

15

20

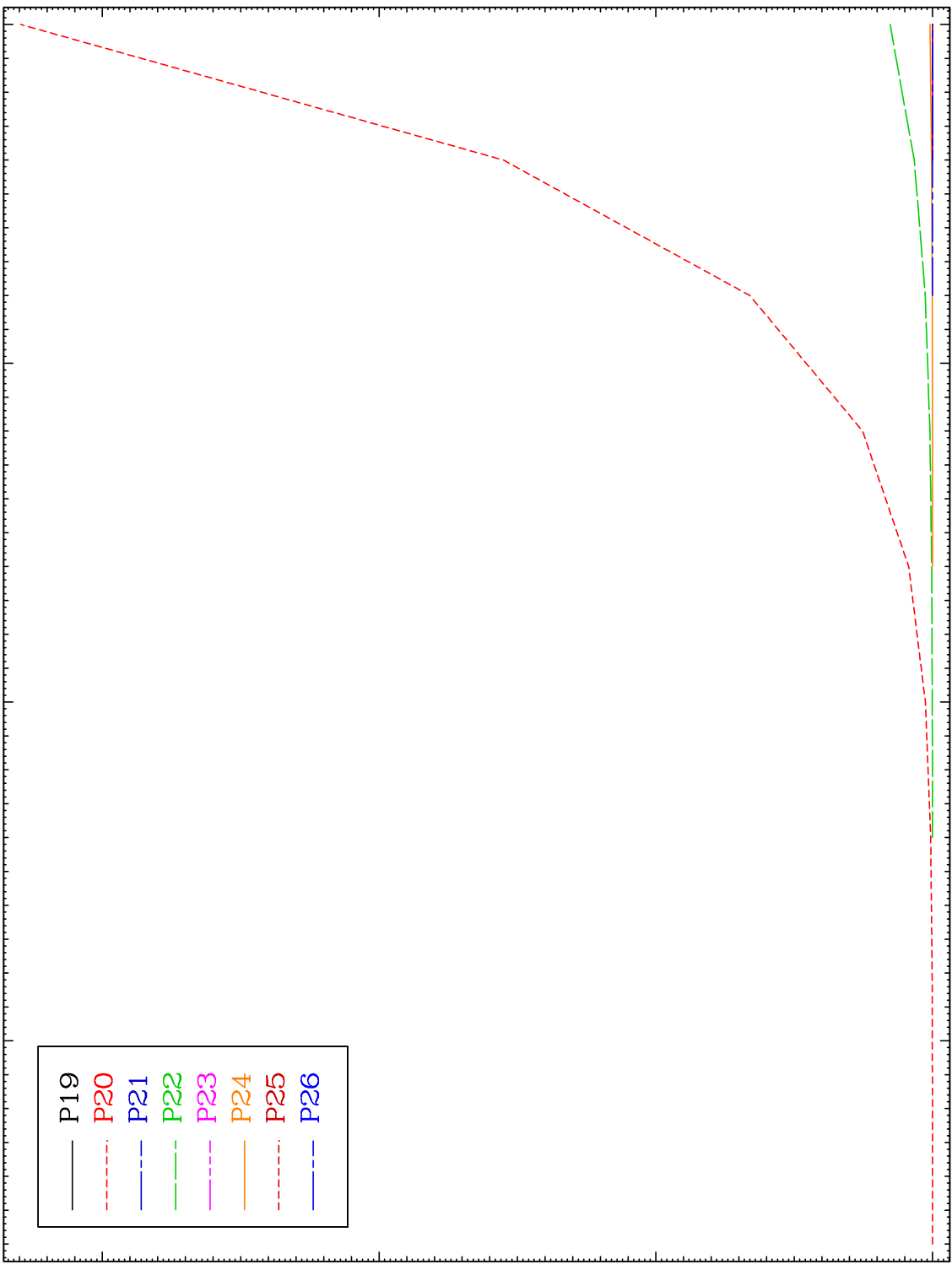
25

30

16

Incident Energy (MeV)

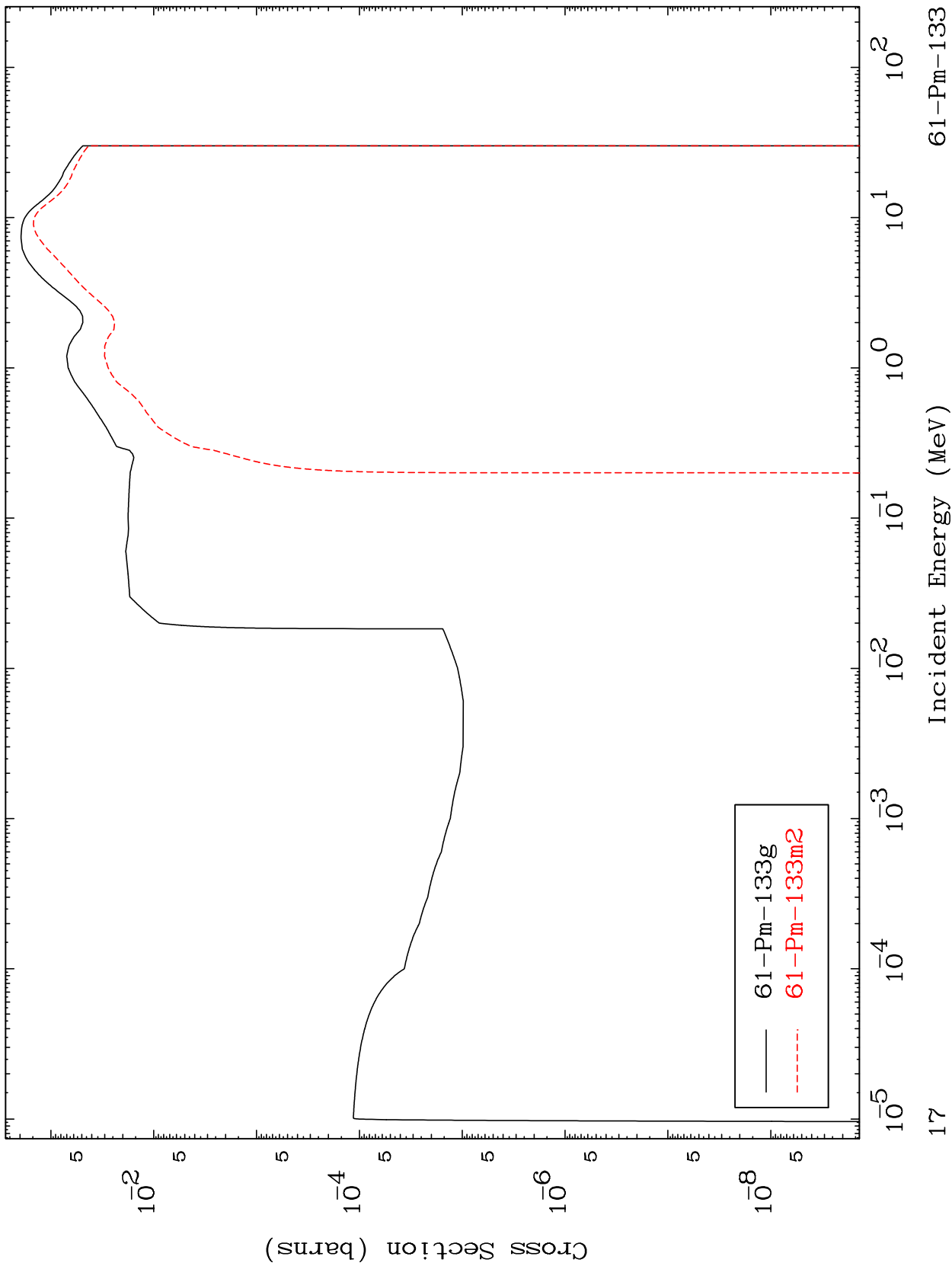
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61-Pm-133

Inelastic
Radionuclide Production Cross Section

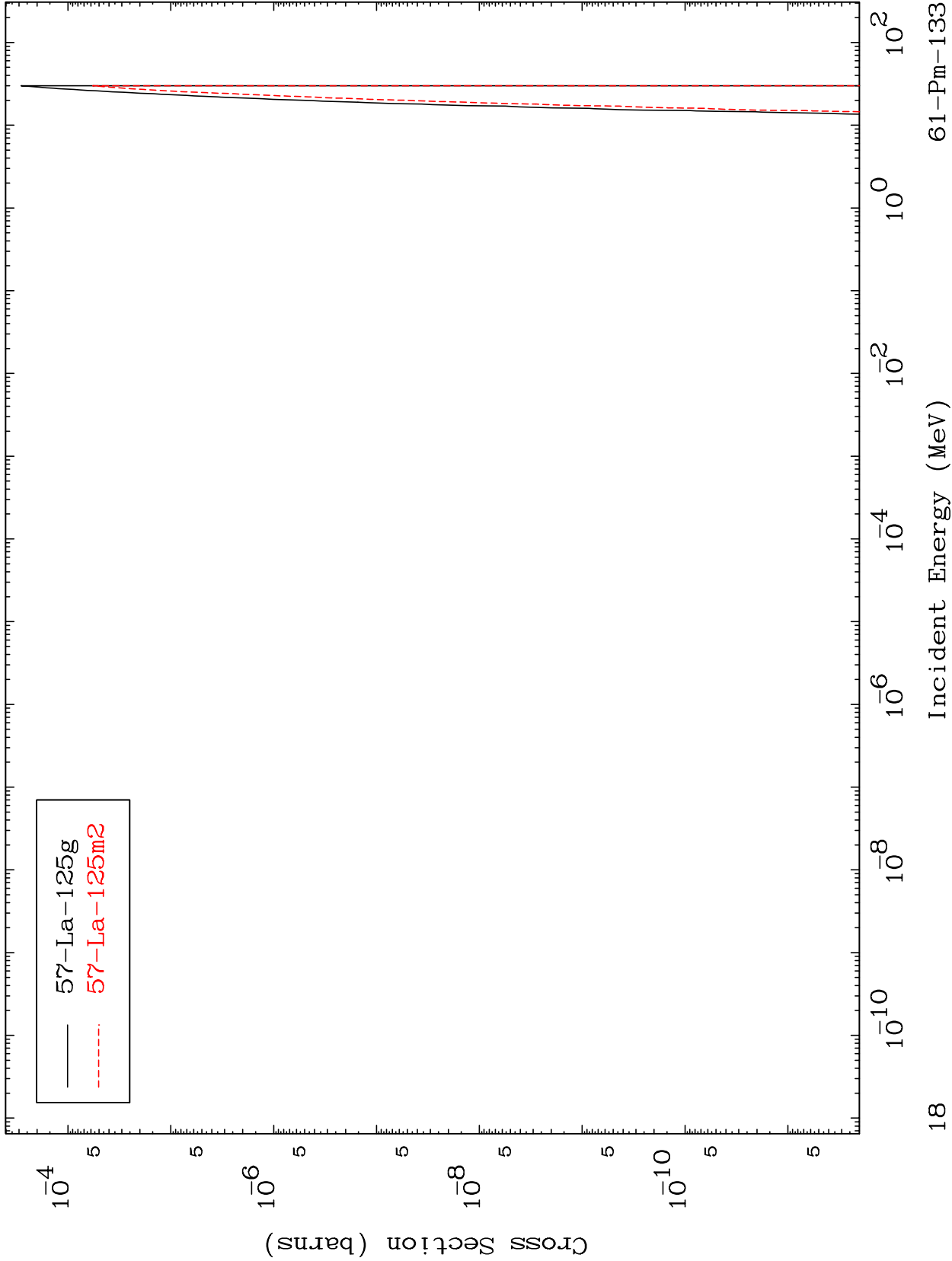


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(n,n') 2α

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Radionuclide Production Cross Section

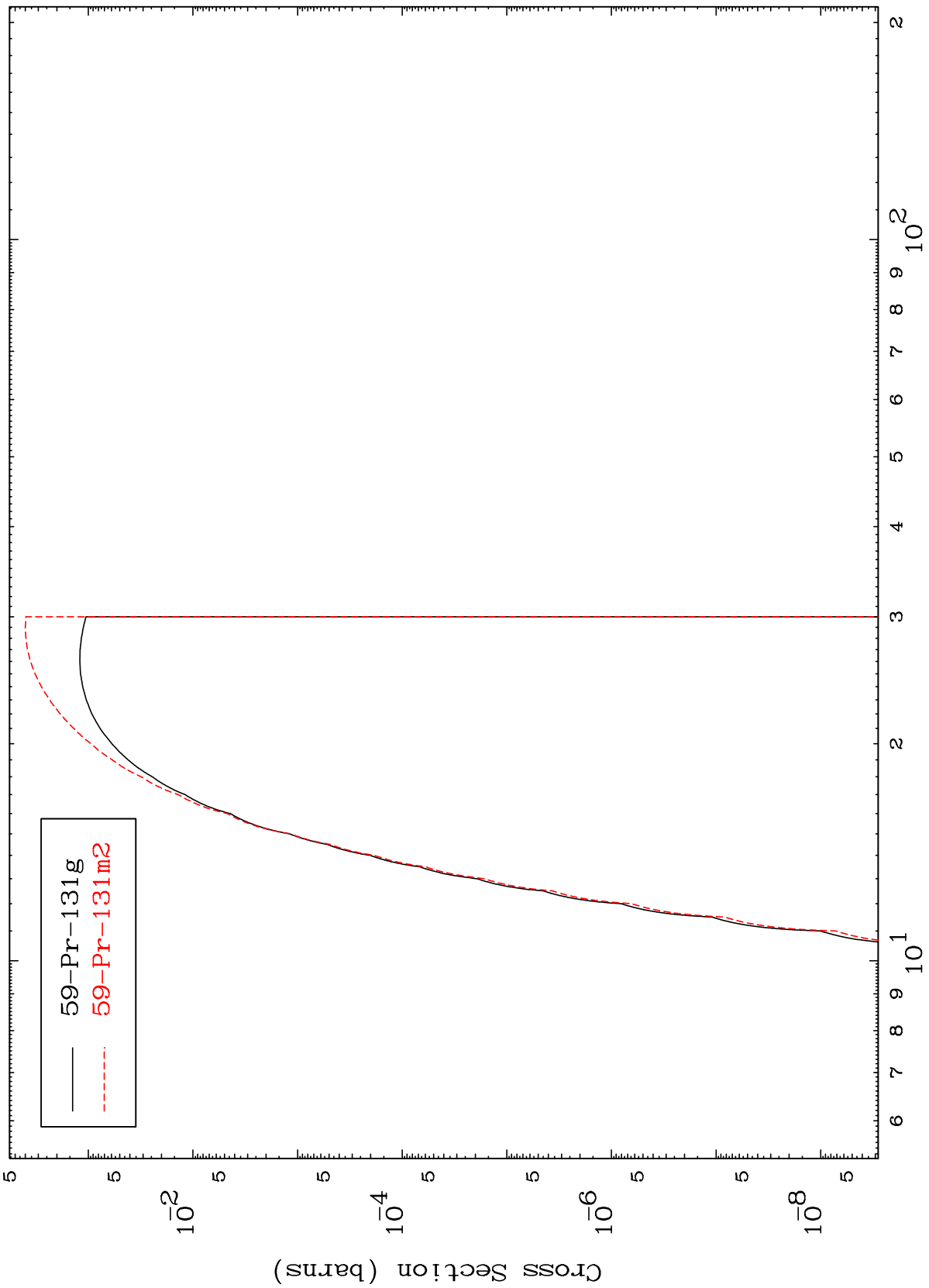


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(n,2n) p

61-Pm-133

Radionuclide Production Cross Section



19

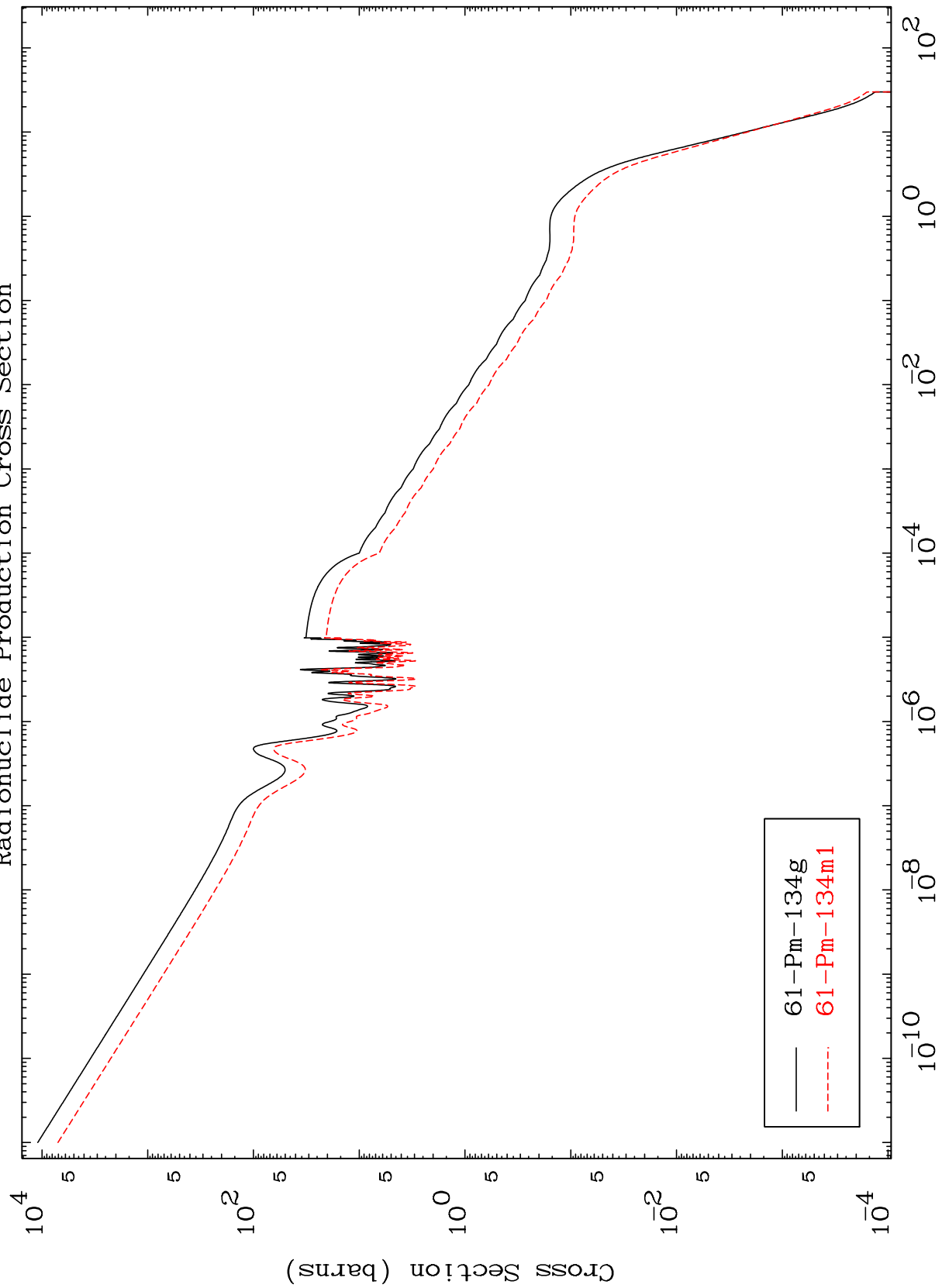
Incident Energy (MeV)

61-Pm-133

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61-Pm-133

Radionuclide Production Cross Section
(n, γ)



61-Pm-133

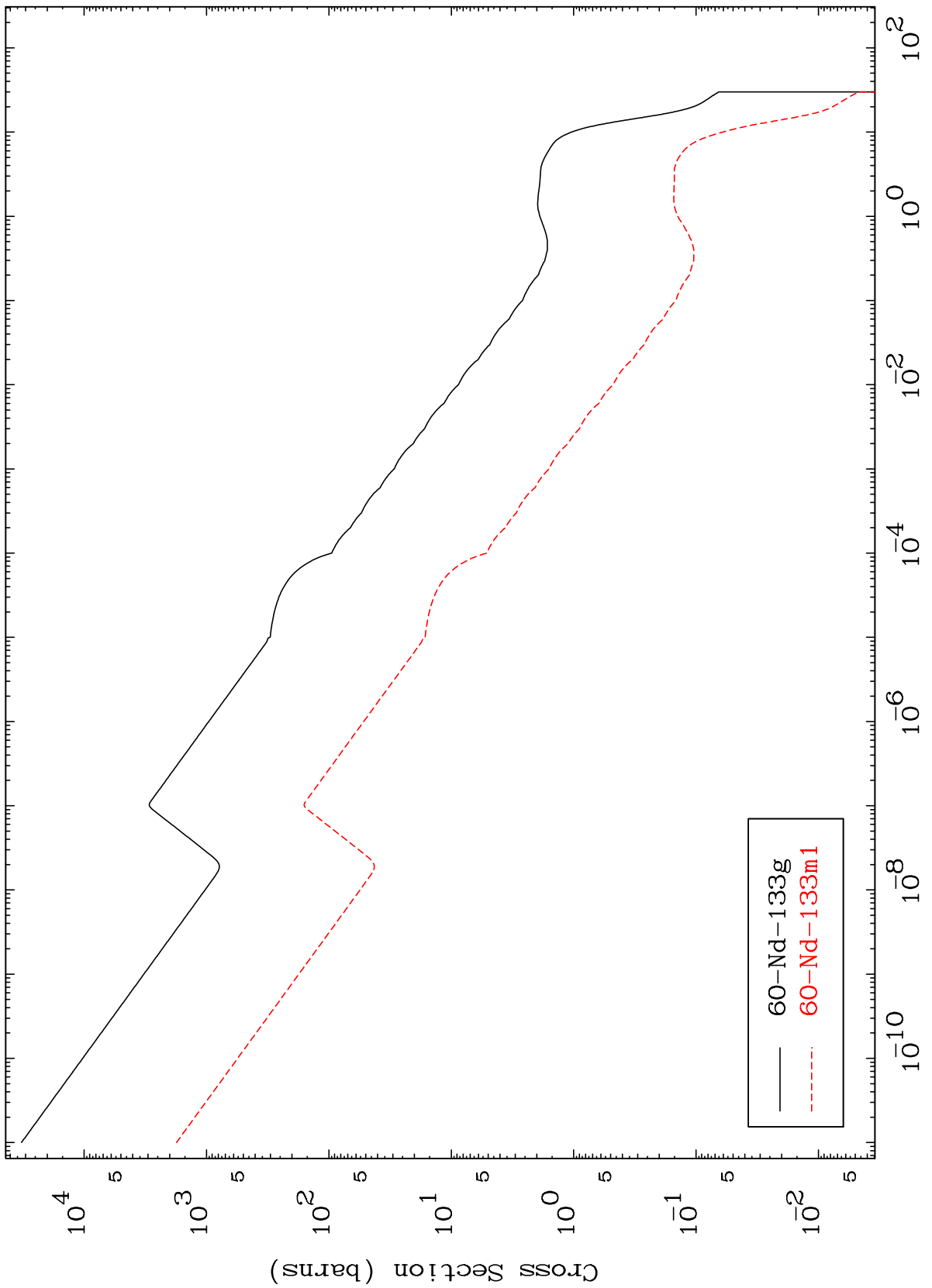
Incident Energy (MeV)

20

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61-Pm-133

(n,p)
Radionuclide Production Cross Section



21

61-Pm-133

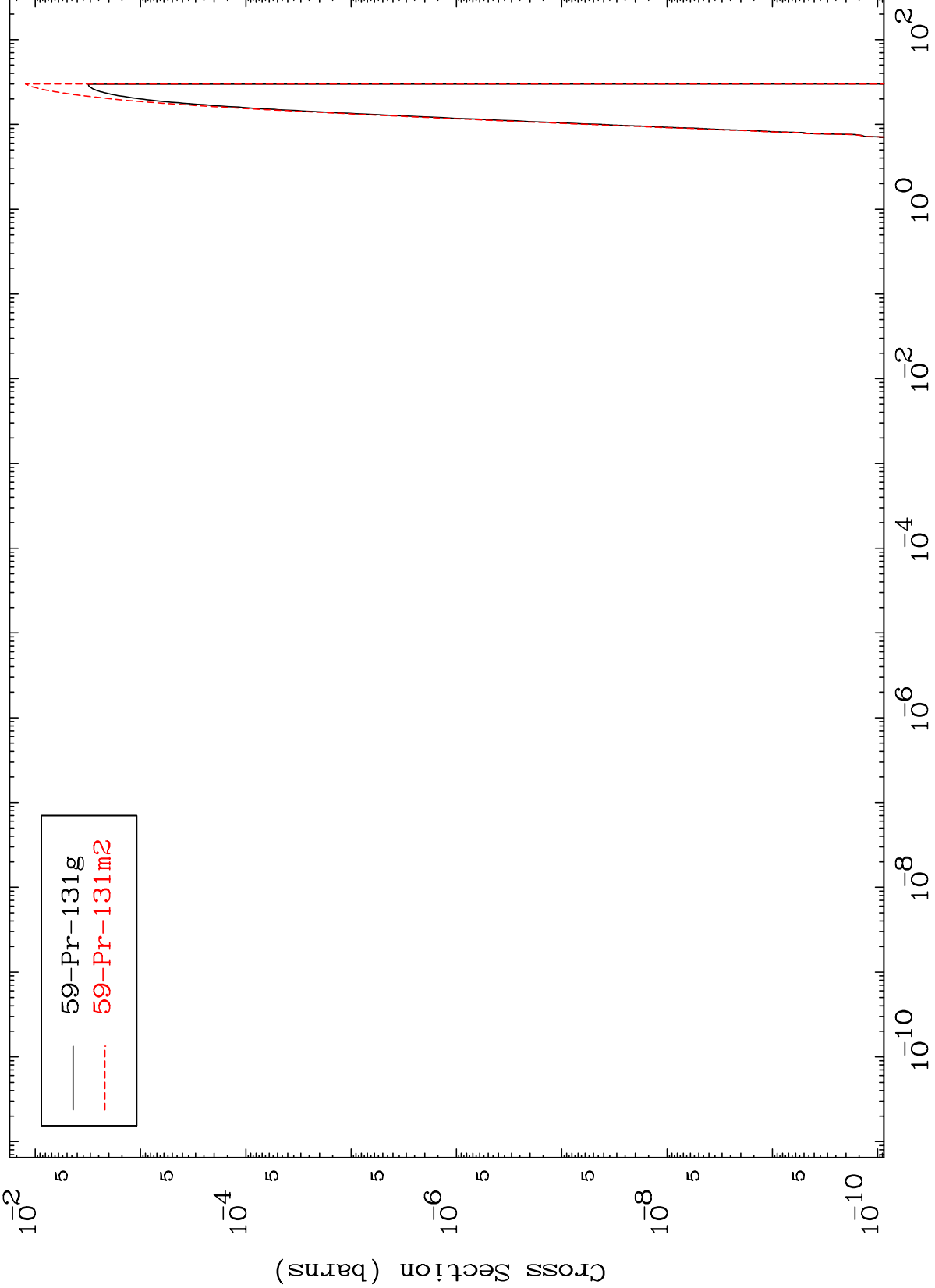
Incident Energy (MeV)

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(n,He-3)

61-Pm-133

Radionuclide Production Cross Section

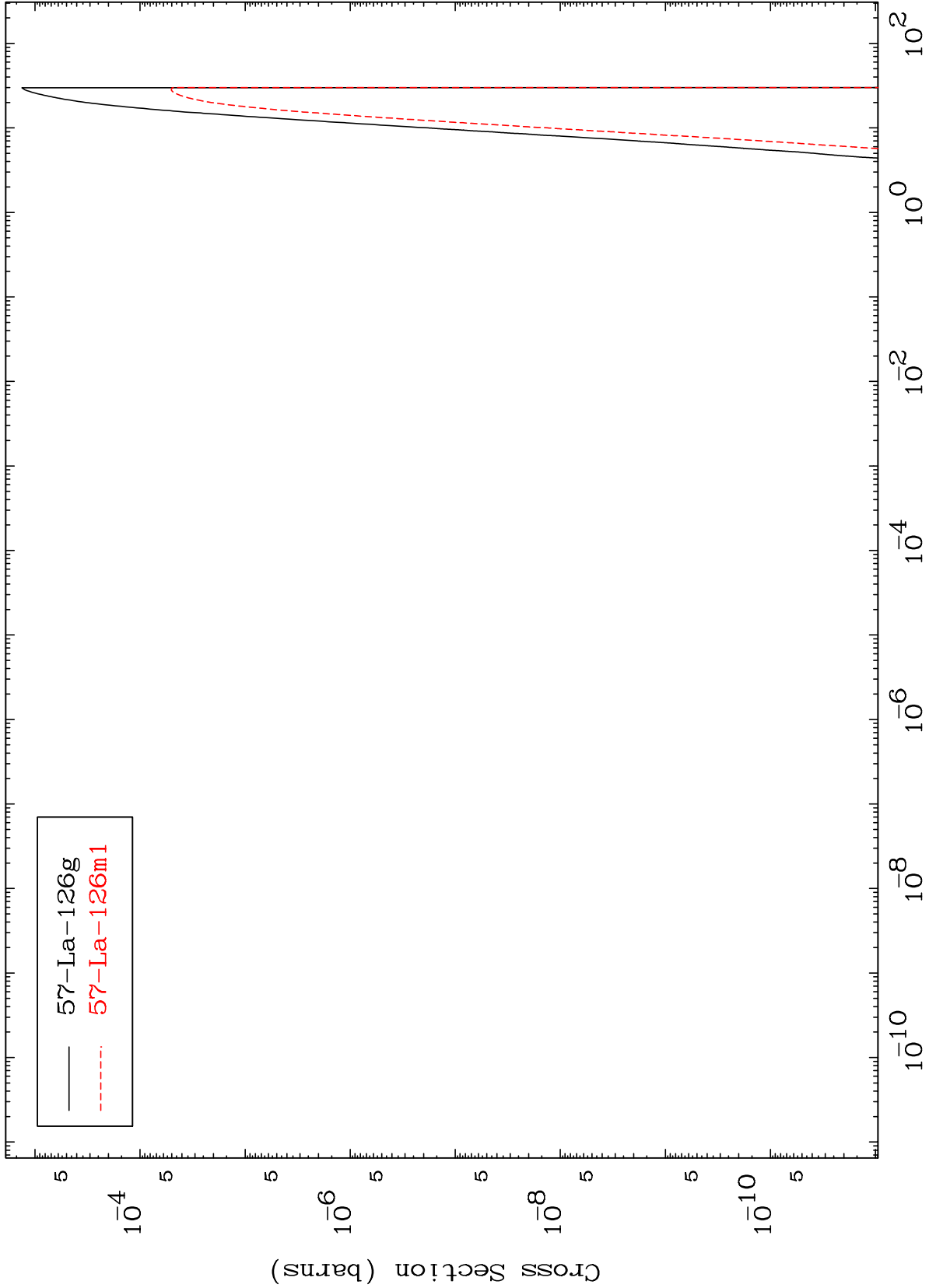


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(n,2α)

61-Pm-133

Radionuclide Production Cross Section

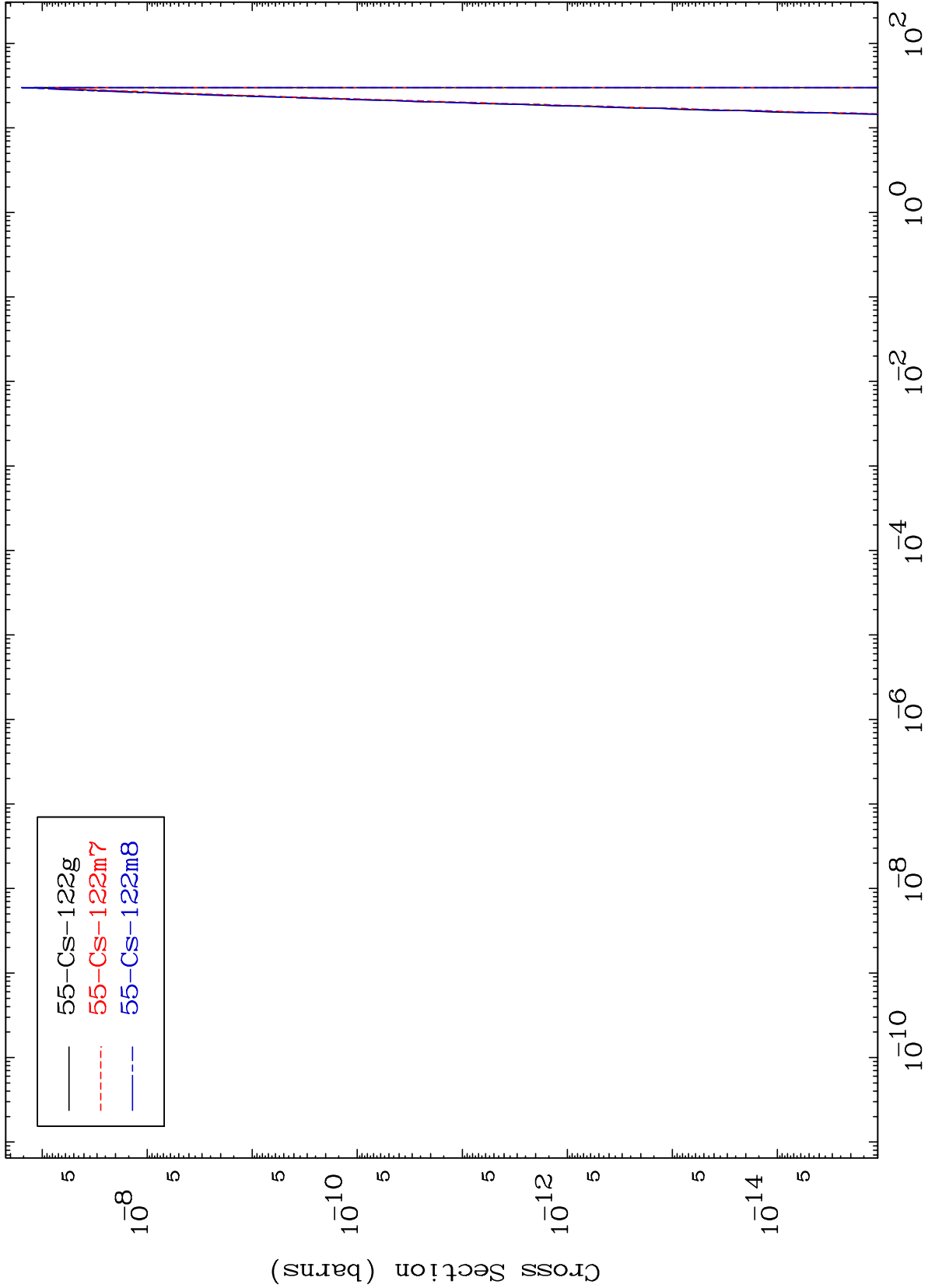


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(n,3 α)

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Radionuclide Production Cross Section

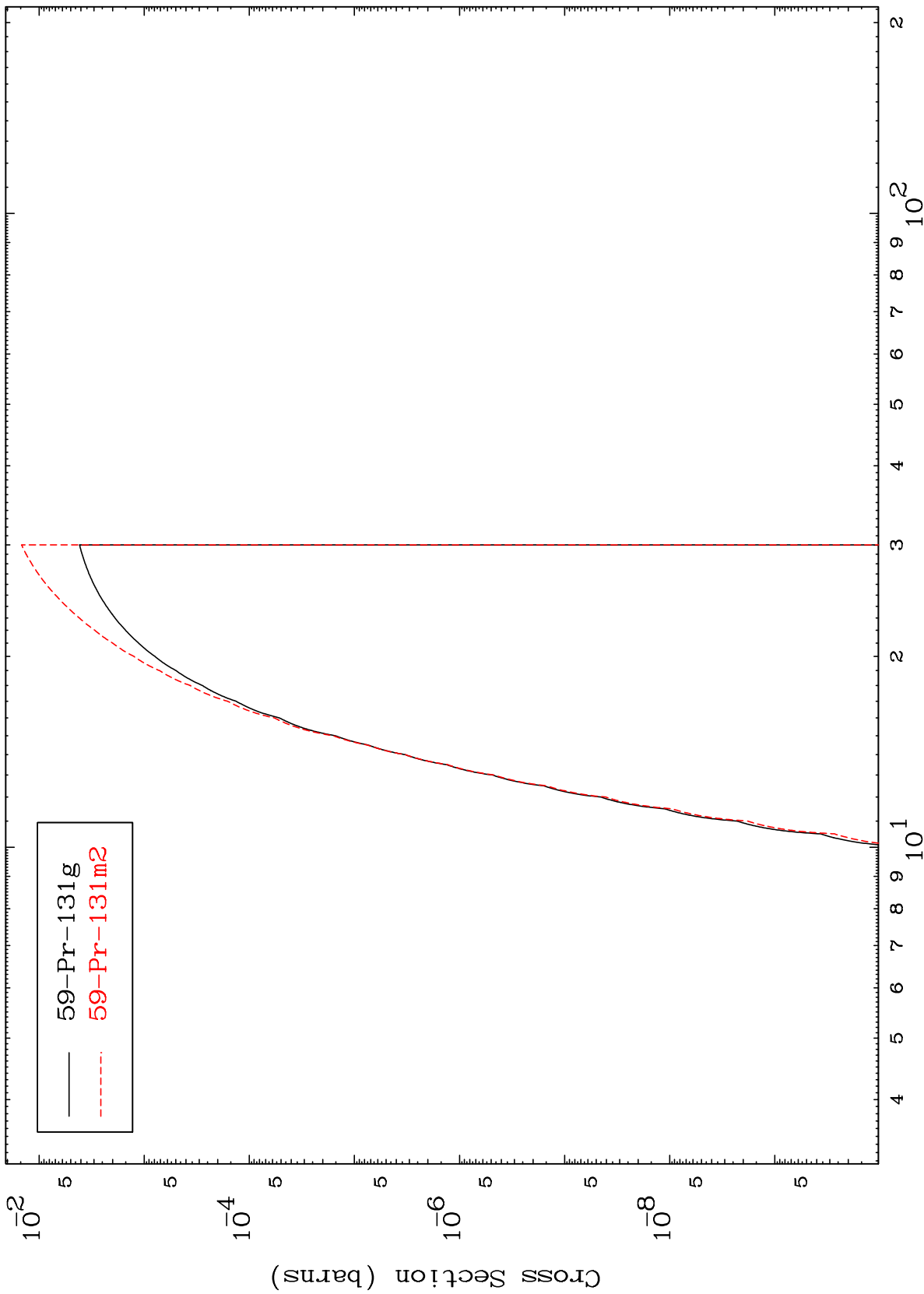


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(n,p) d

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Radionuclide Production Cross Section



Incident Energy (MeV)

61-Pm-133

25