

Program EVALPLOT  
(Version 2018-1)

by

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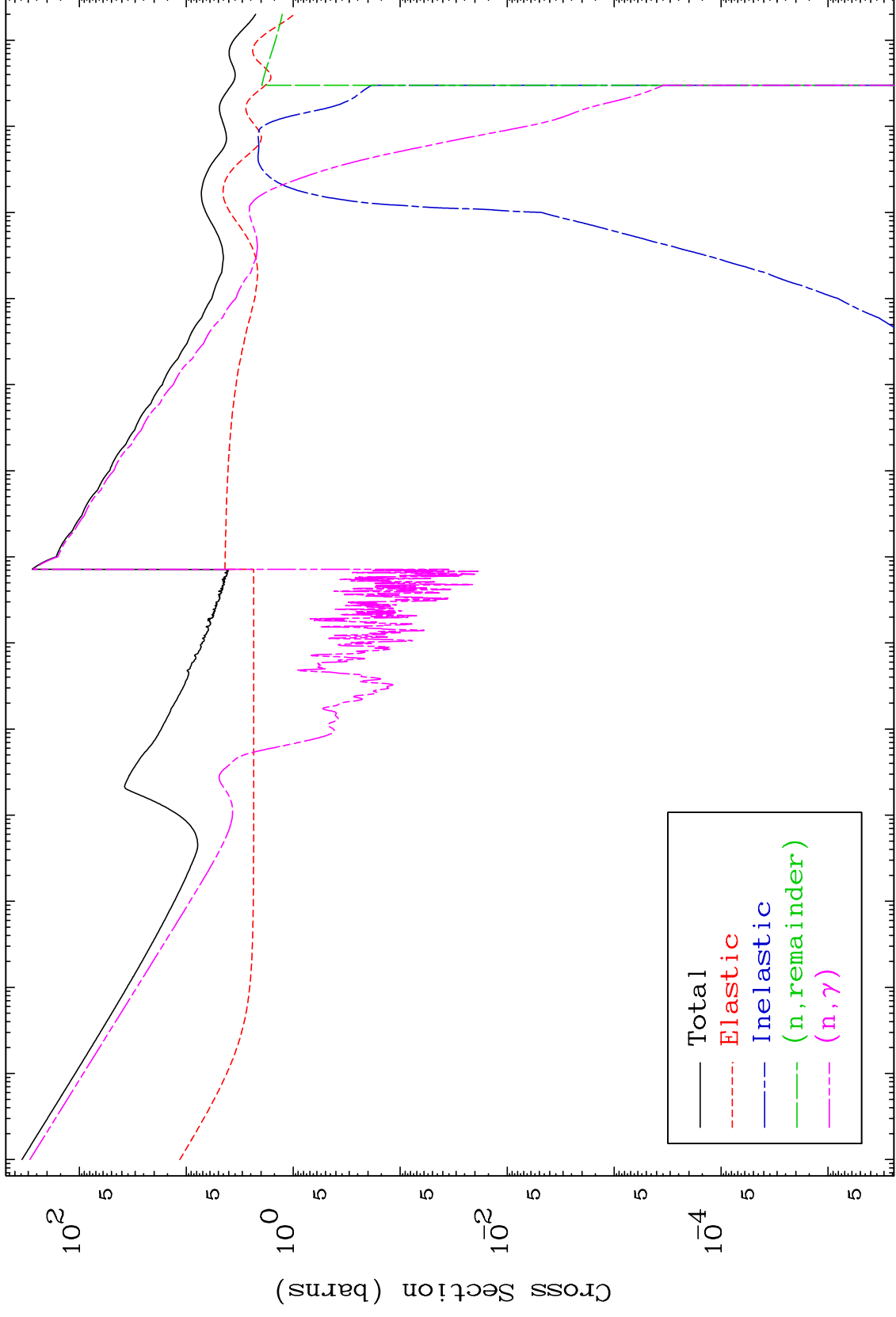
Press Mouse Button to Start

MAT 6129

Major

293 Kelvin Cross Sections

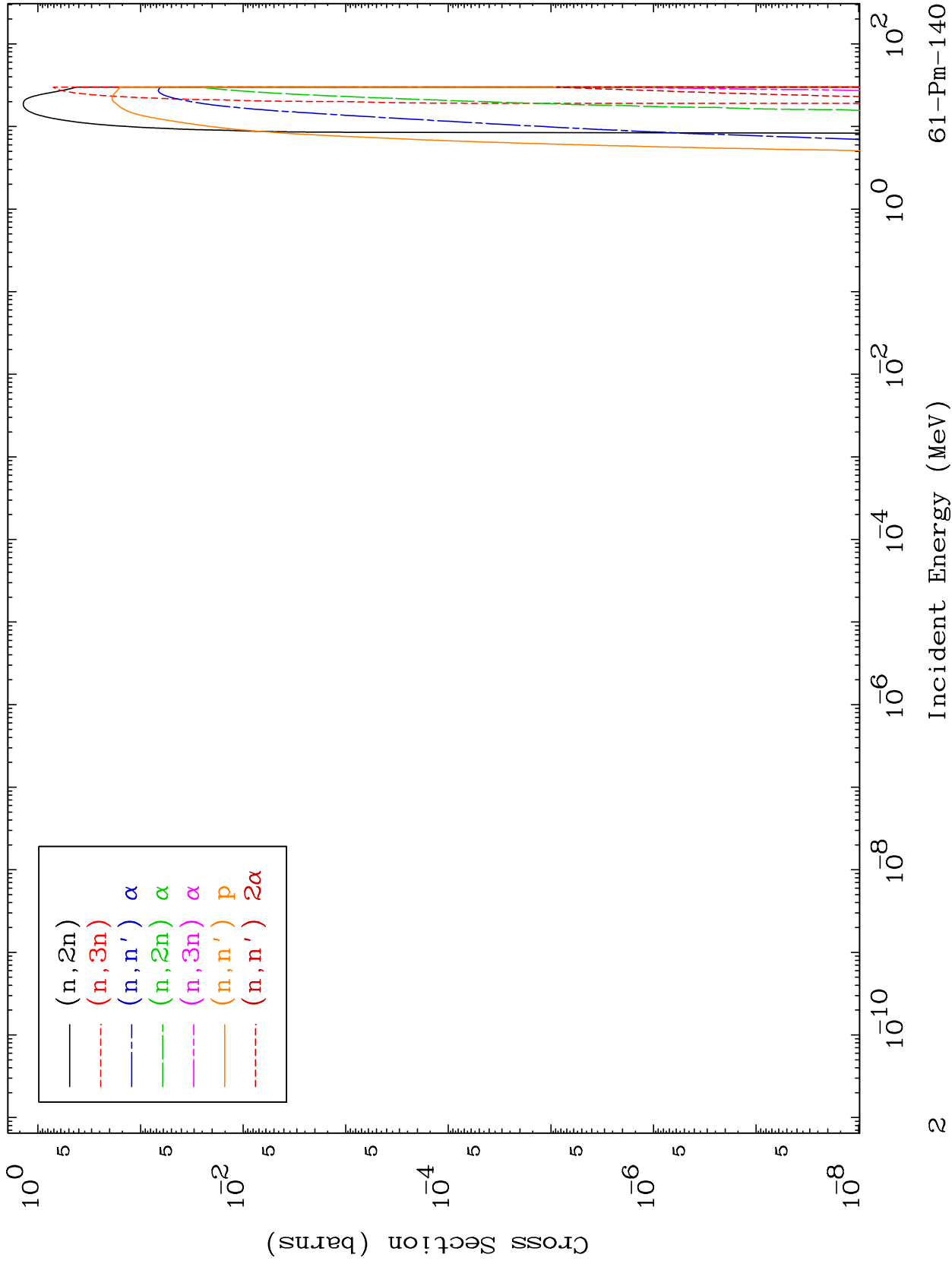
61-Pm-140

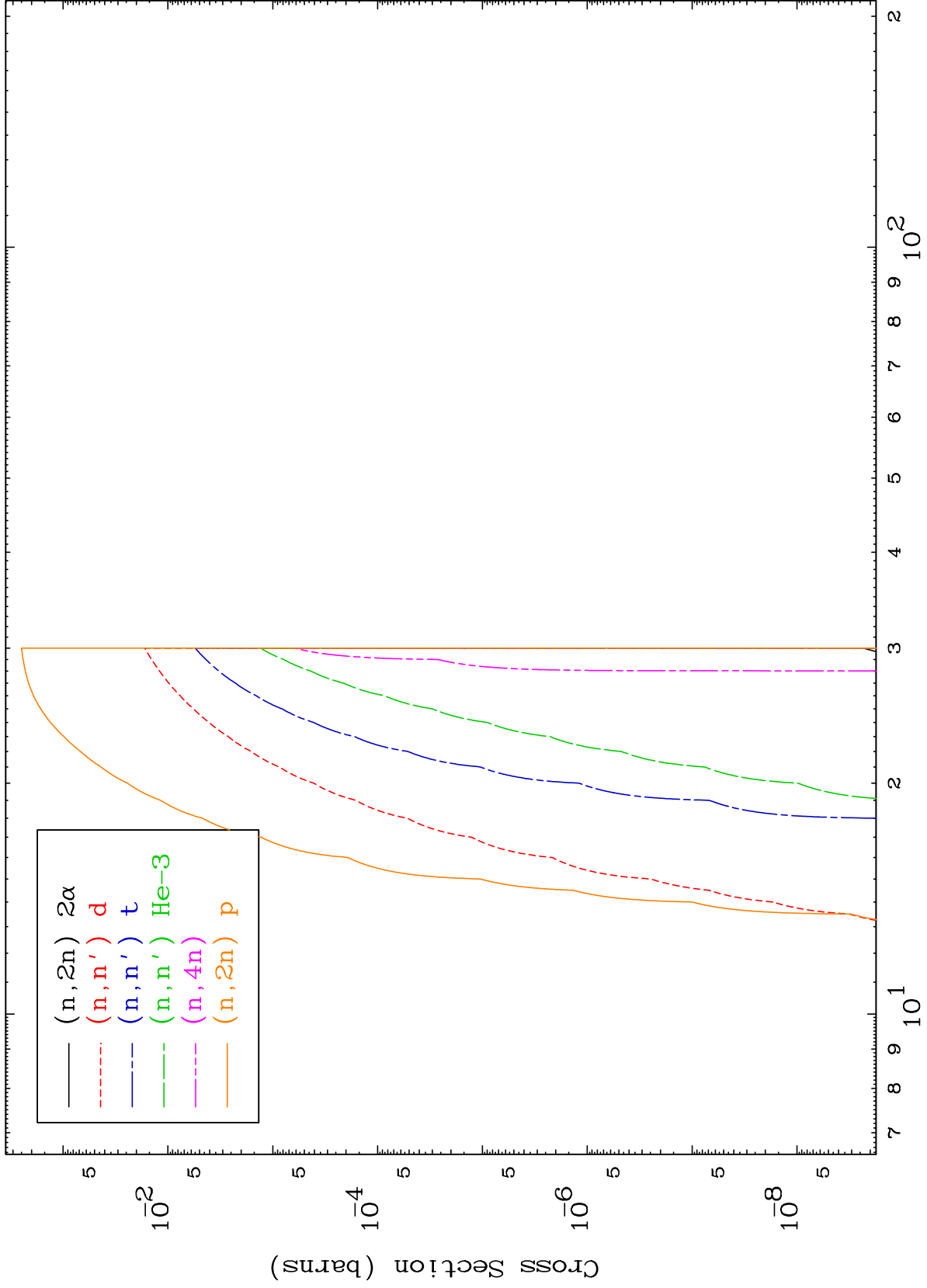


MAT 6129

Neutron Production  
293 Kelvin Cross Sections

61-Pm-140

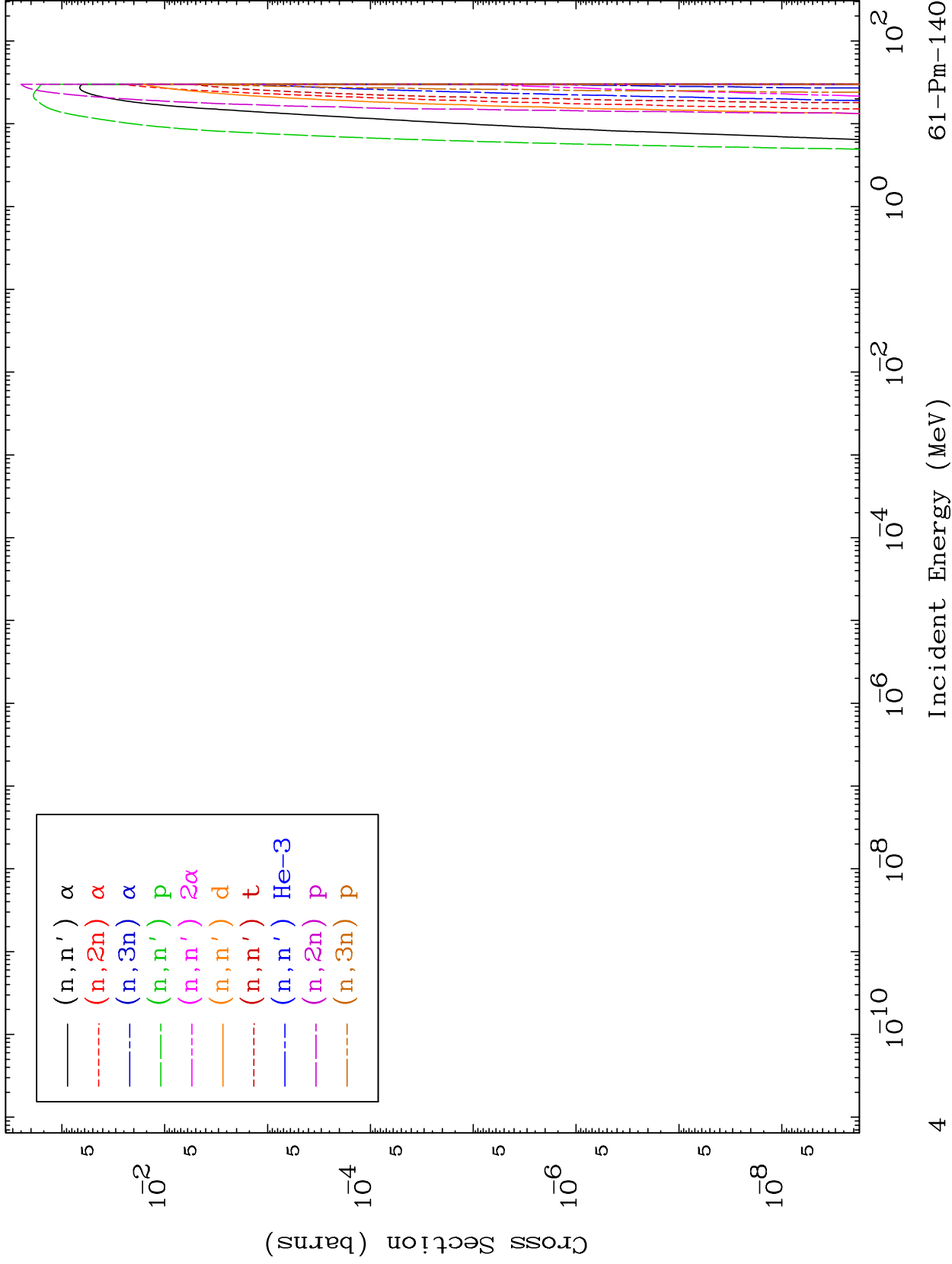




MAT 6129

Charged Particle  
293 Kelvin Cross Sections

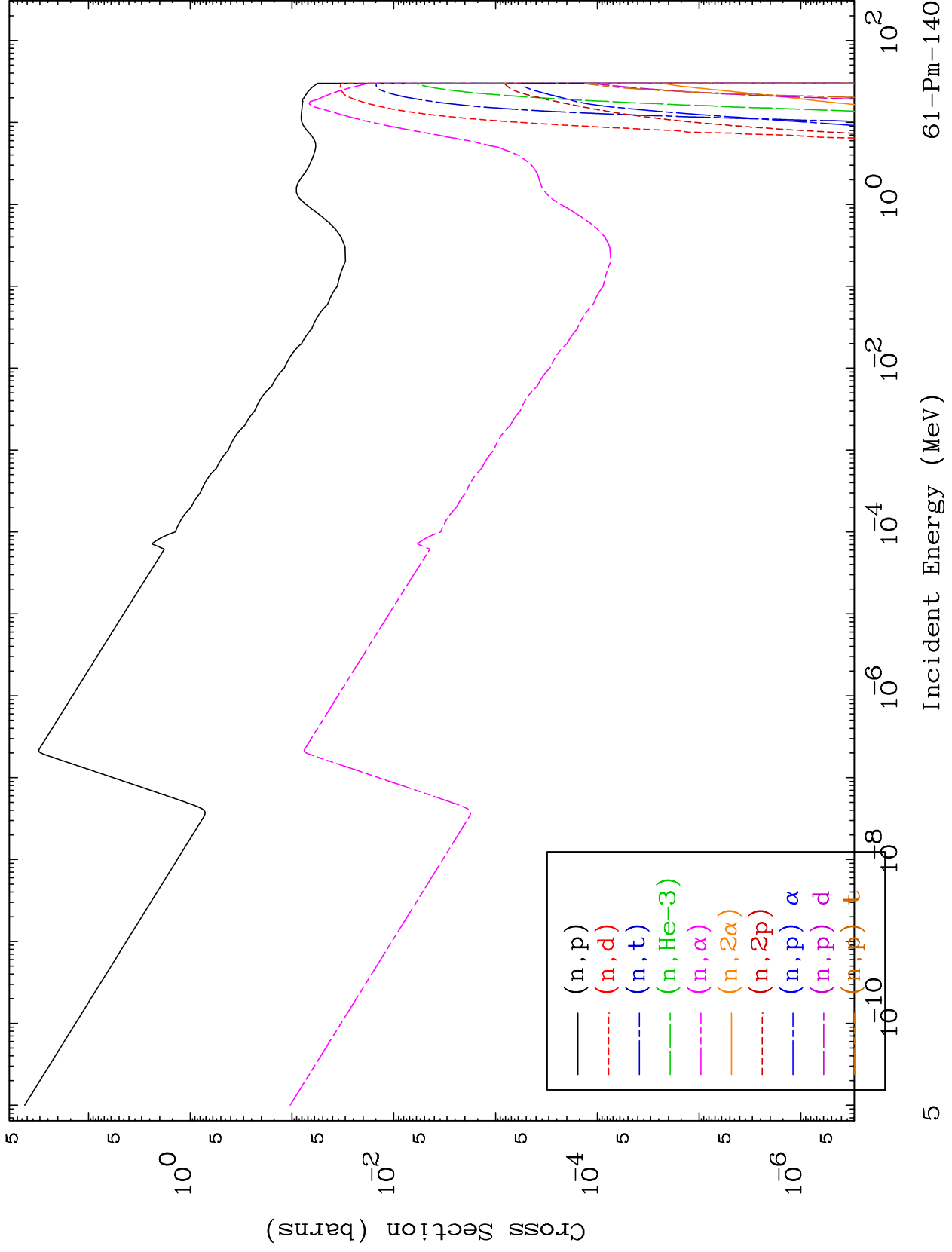
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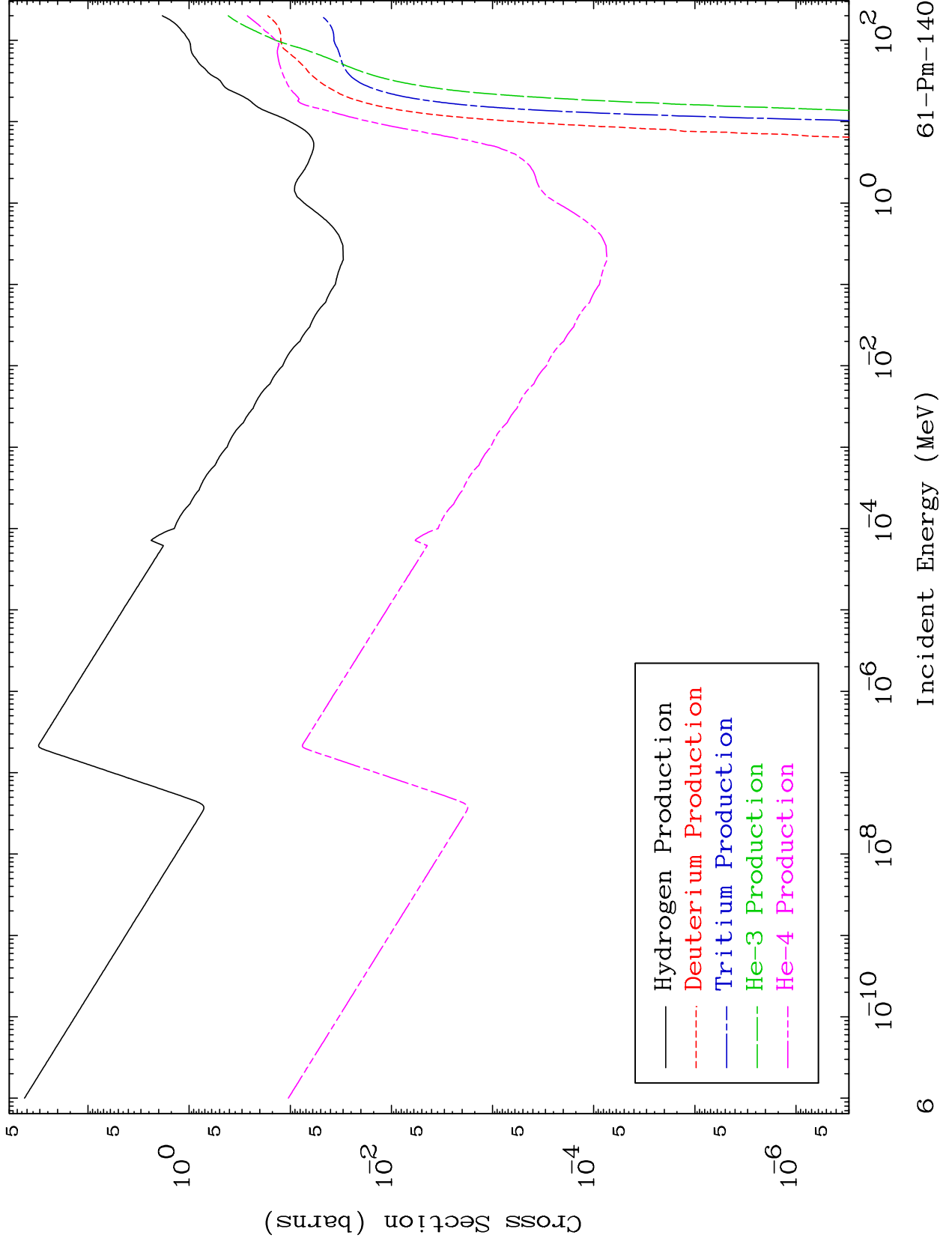


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Charged Particle  
293 Kelvin Cross Sections

61-Pm-140

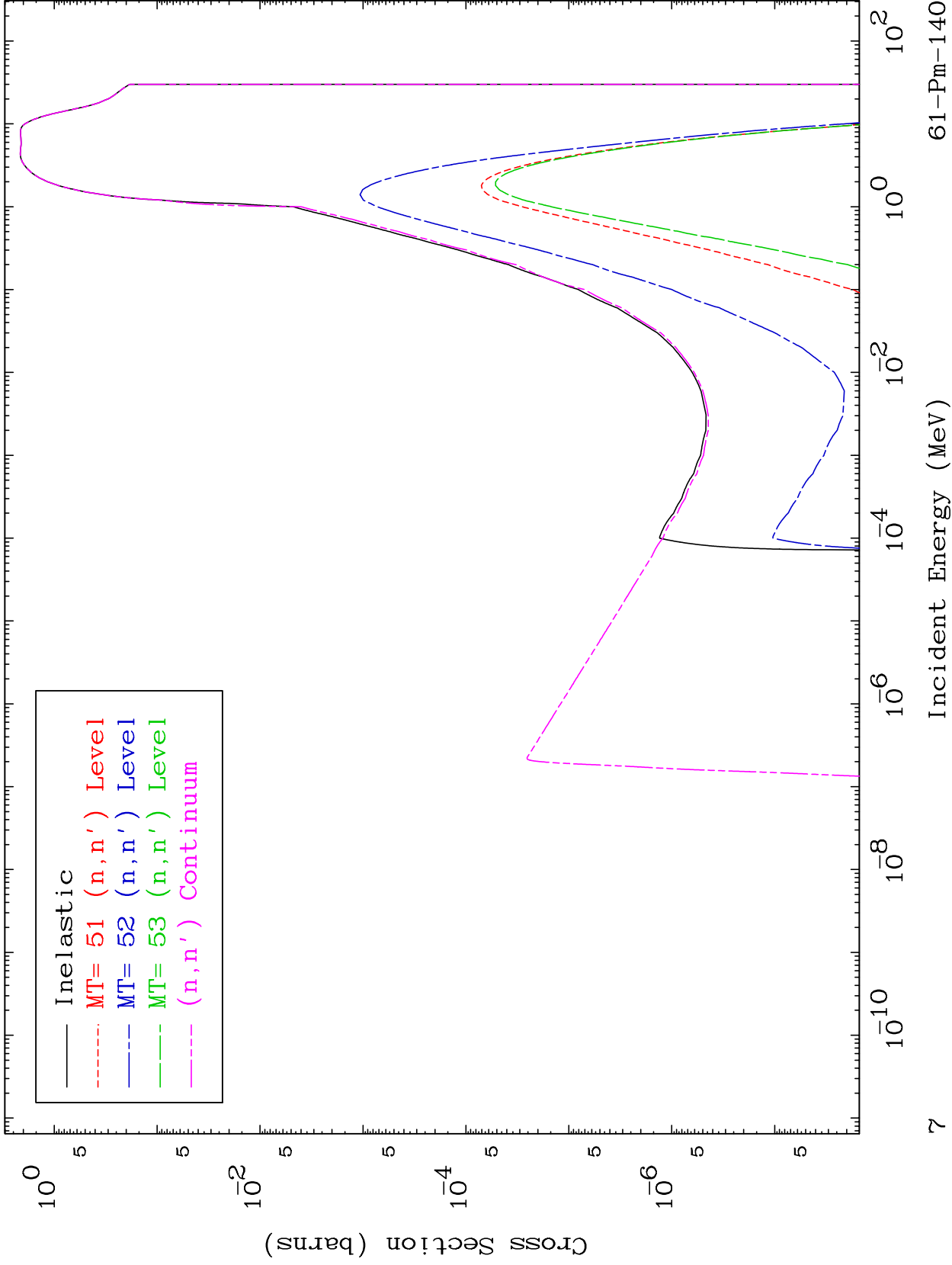




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293 Kelvin Cross Sections  
(n,n') Level

61-Pm-140

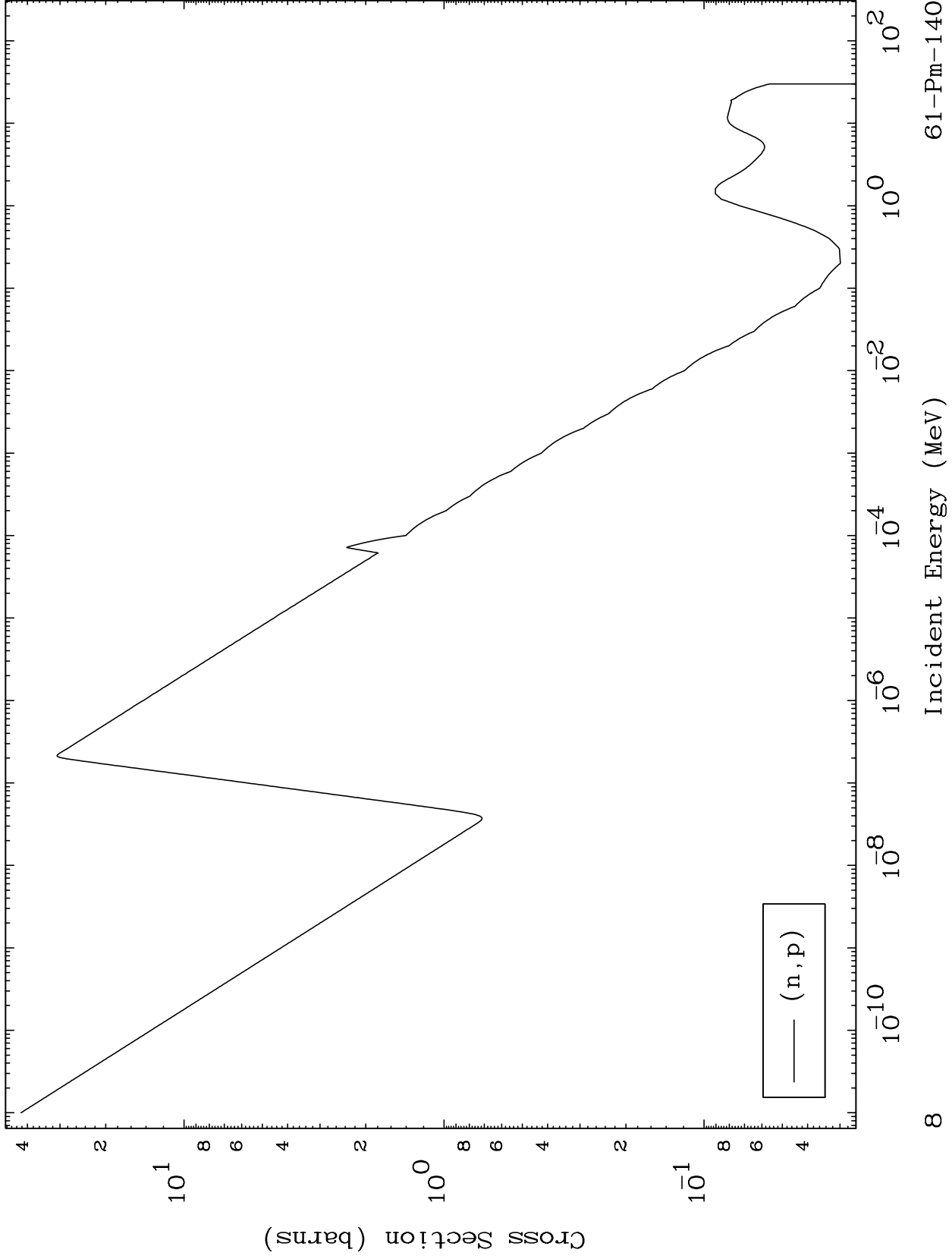




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(n,p) Levels  
293 Kelvin Cross Sections

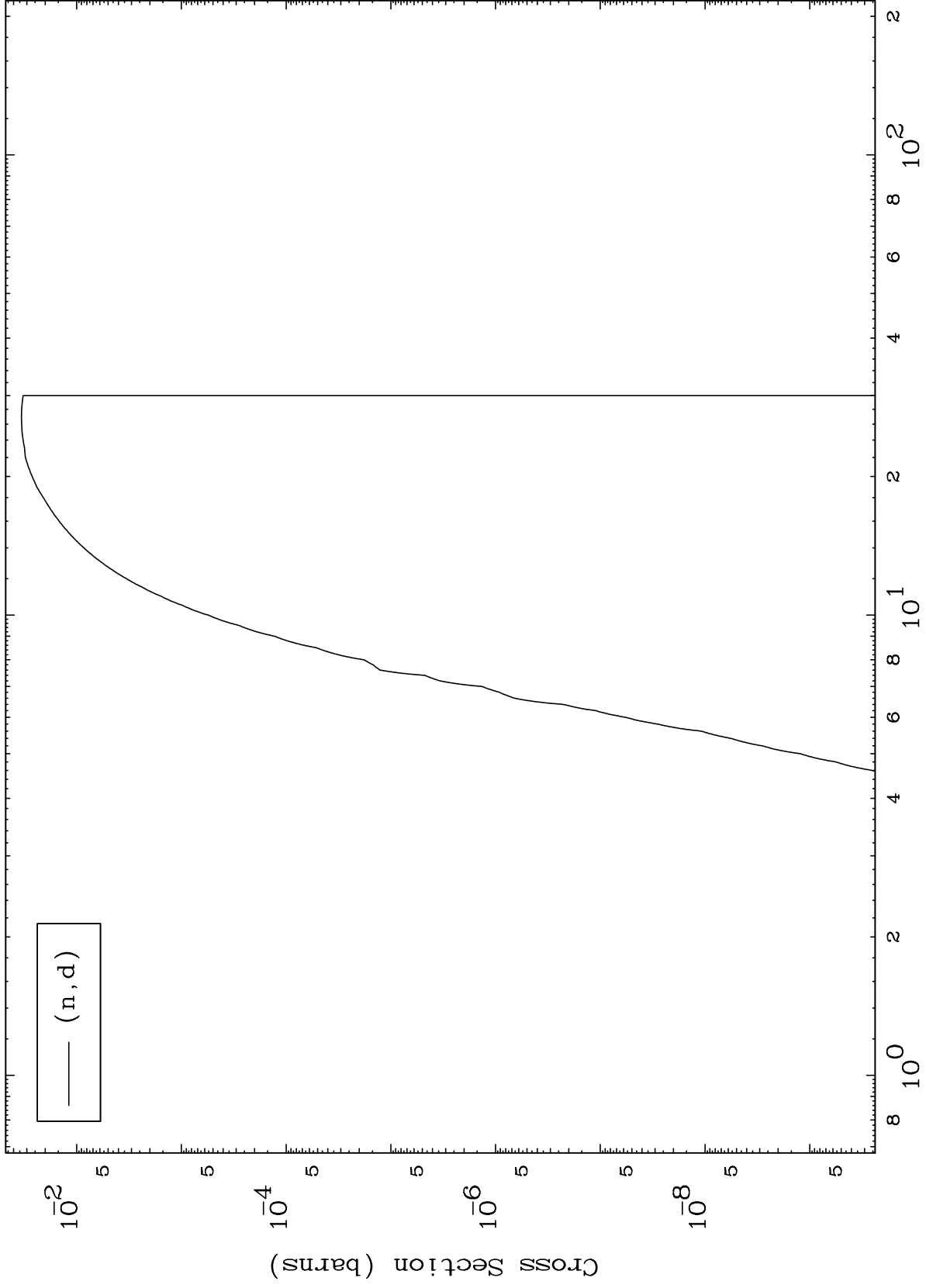
61-Pm-140



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(n,d) Levels  
293 Kelvin Cross Sections

61-Pm-140



9

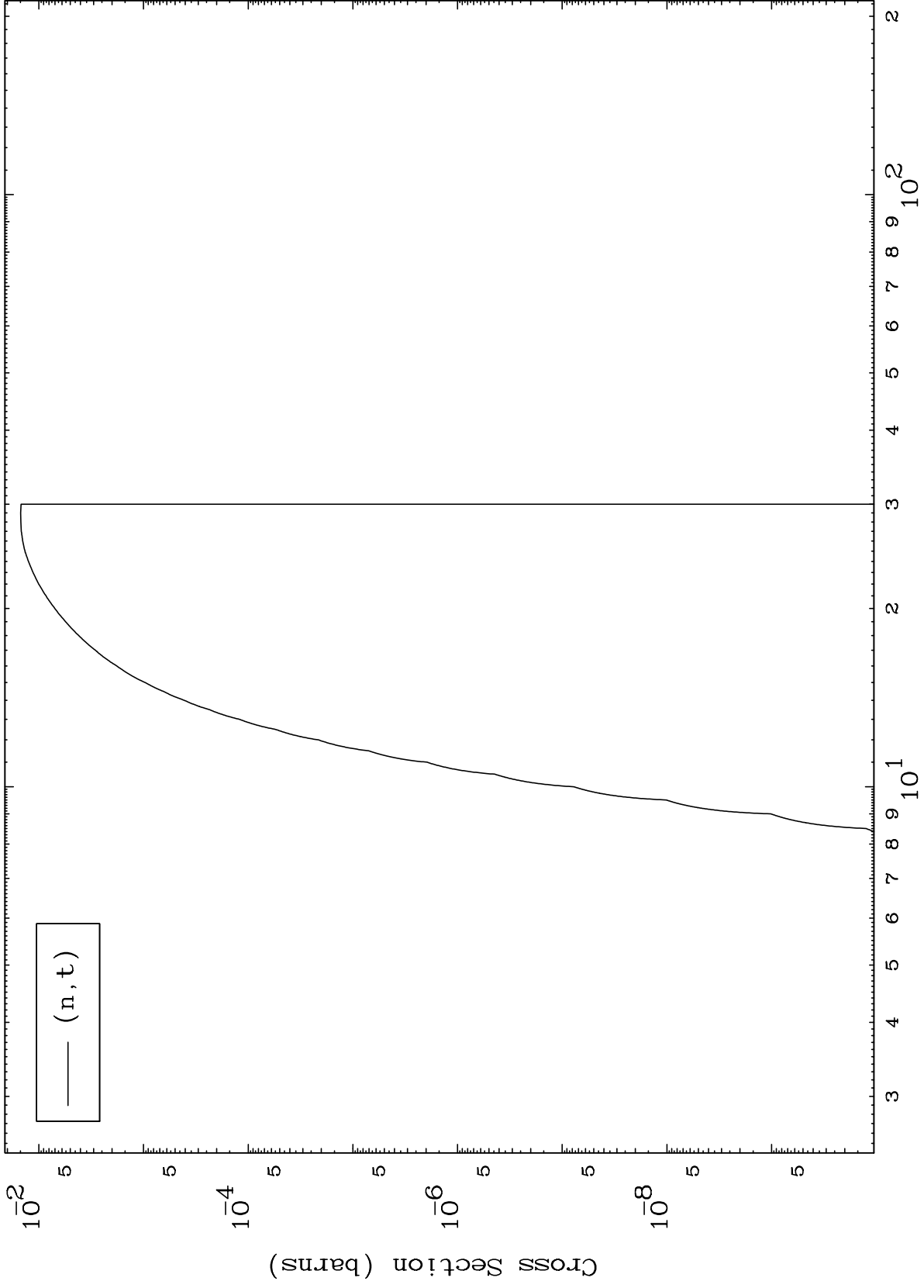
Incident Energy (MeV)

61-Pm-140

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(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-140



10

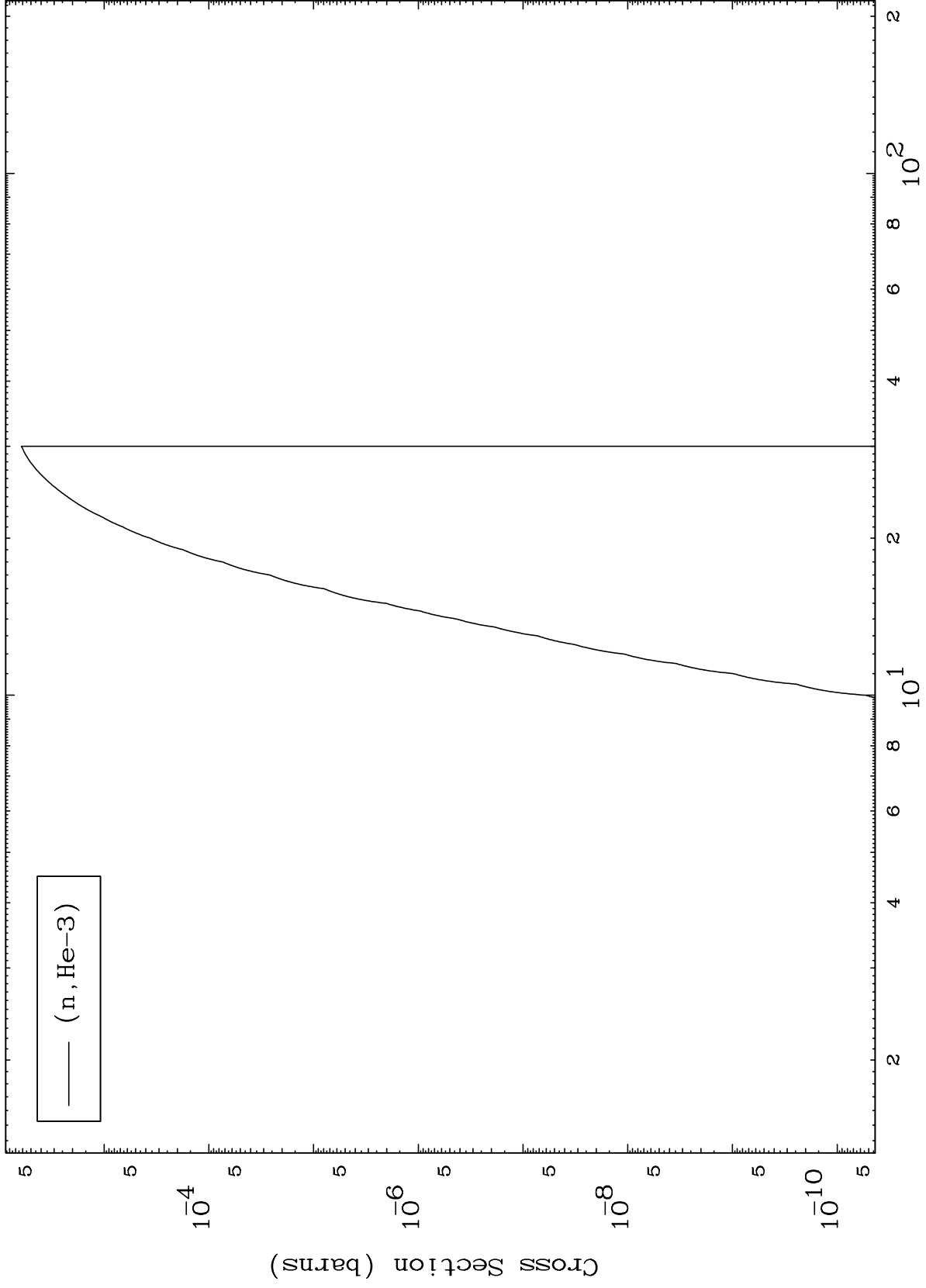
Incident Energy (MeV)

61-Pm-140

MAT 6129

(n,He3) Levels  
293 Kelvin Cross Sections

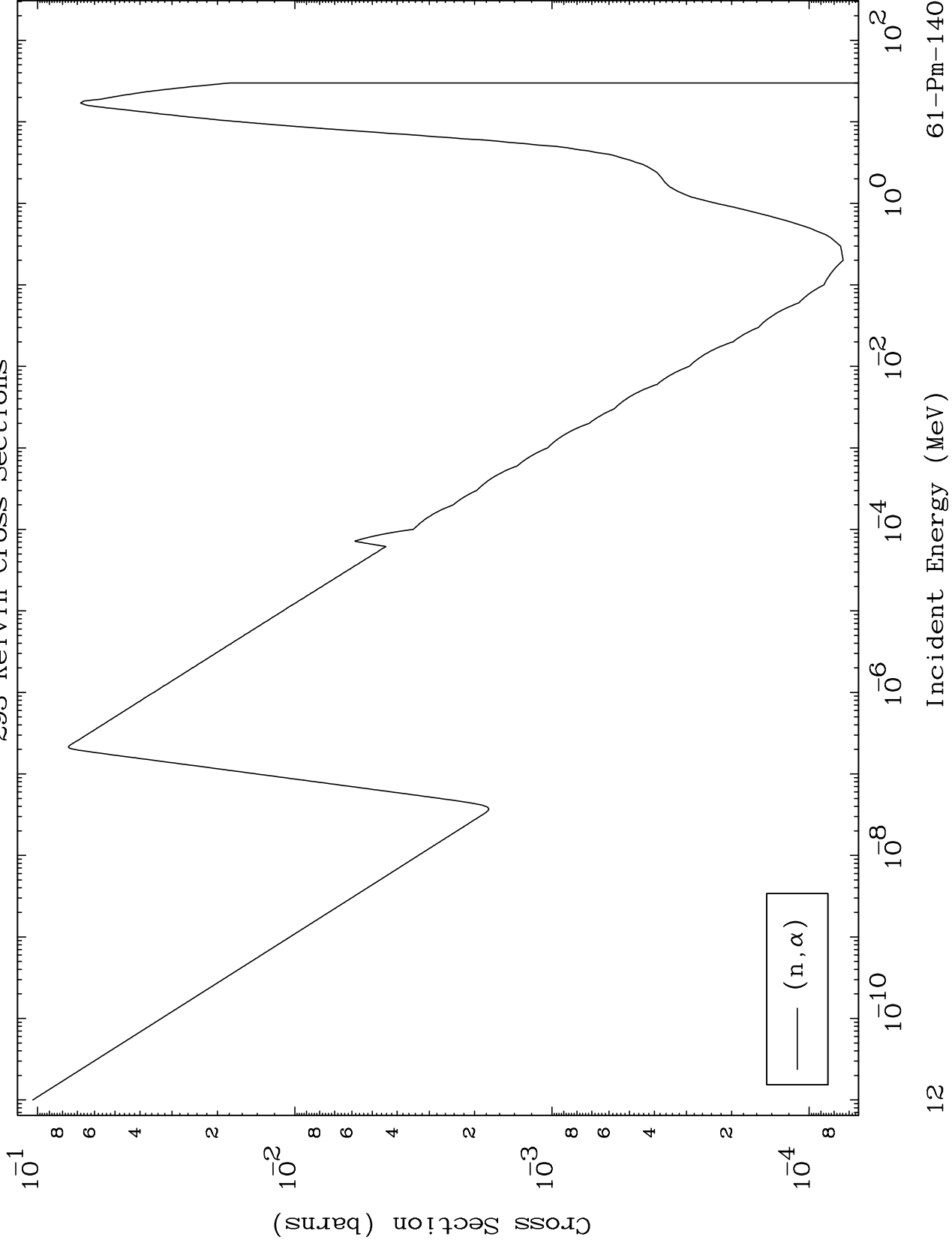
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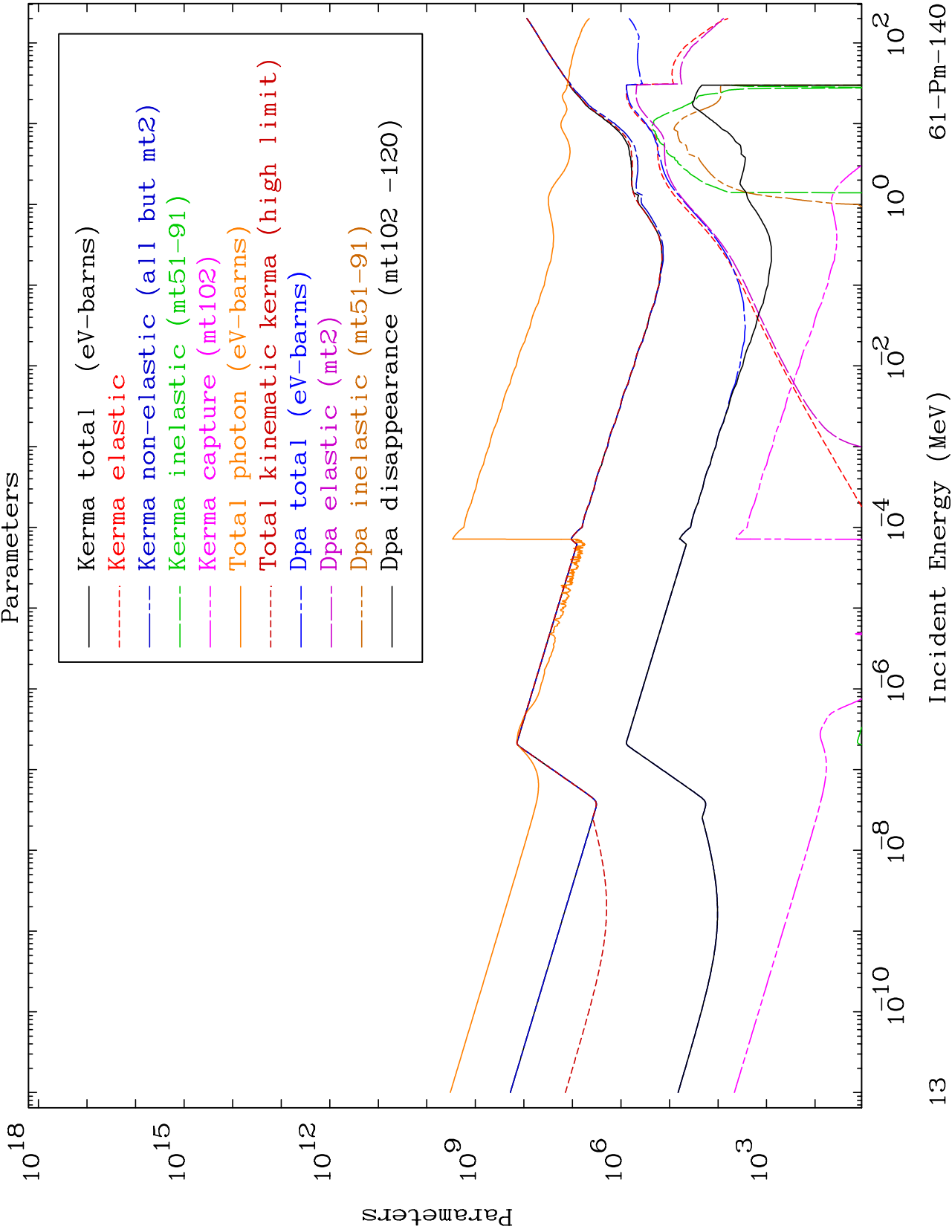


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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

61-Pm-140



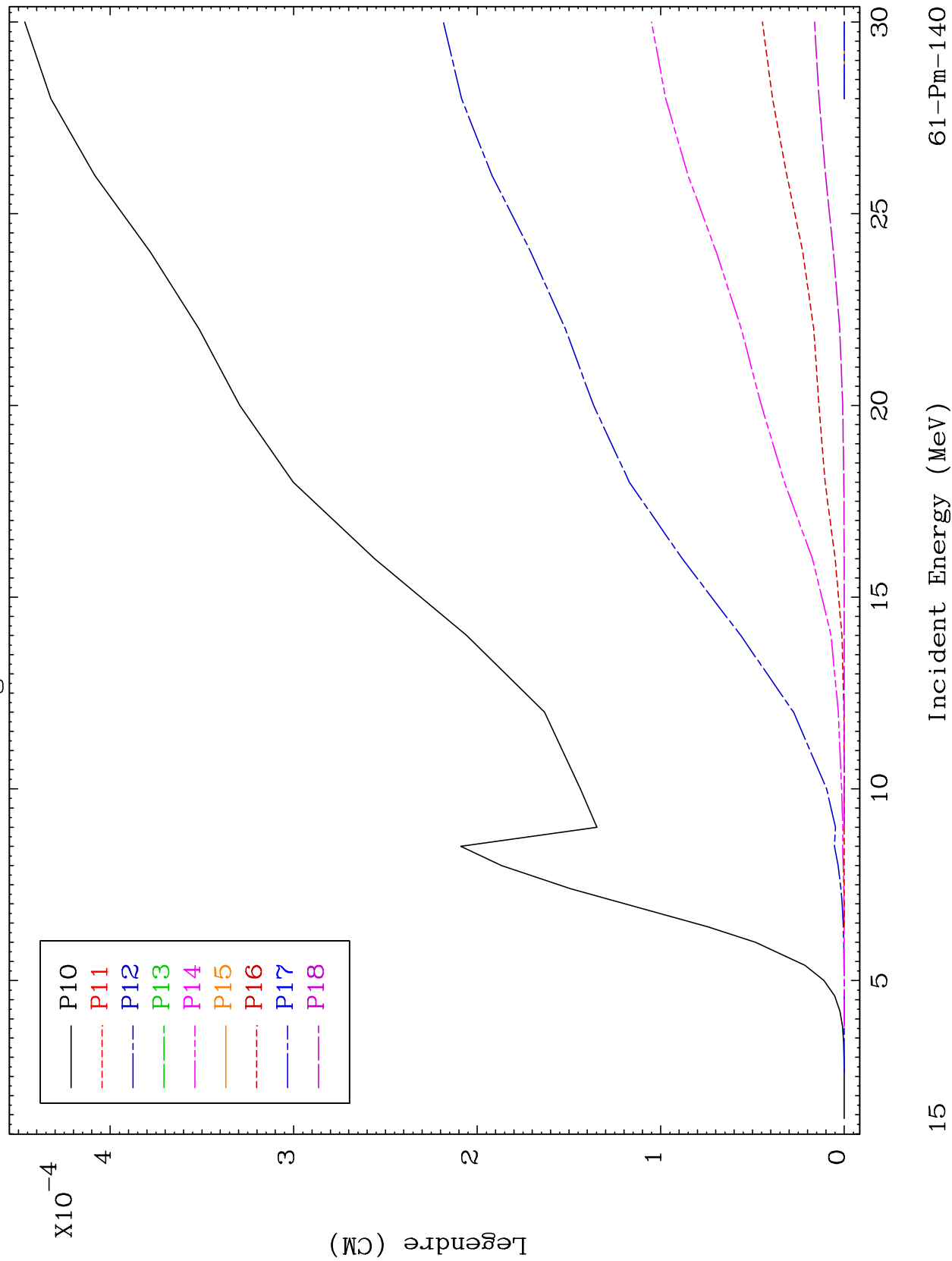




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Elastic Legendre Coefficients

61-Pm-140



15

61-Pm-140

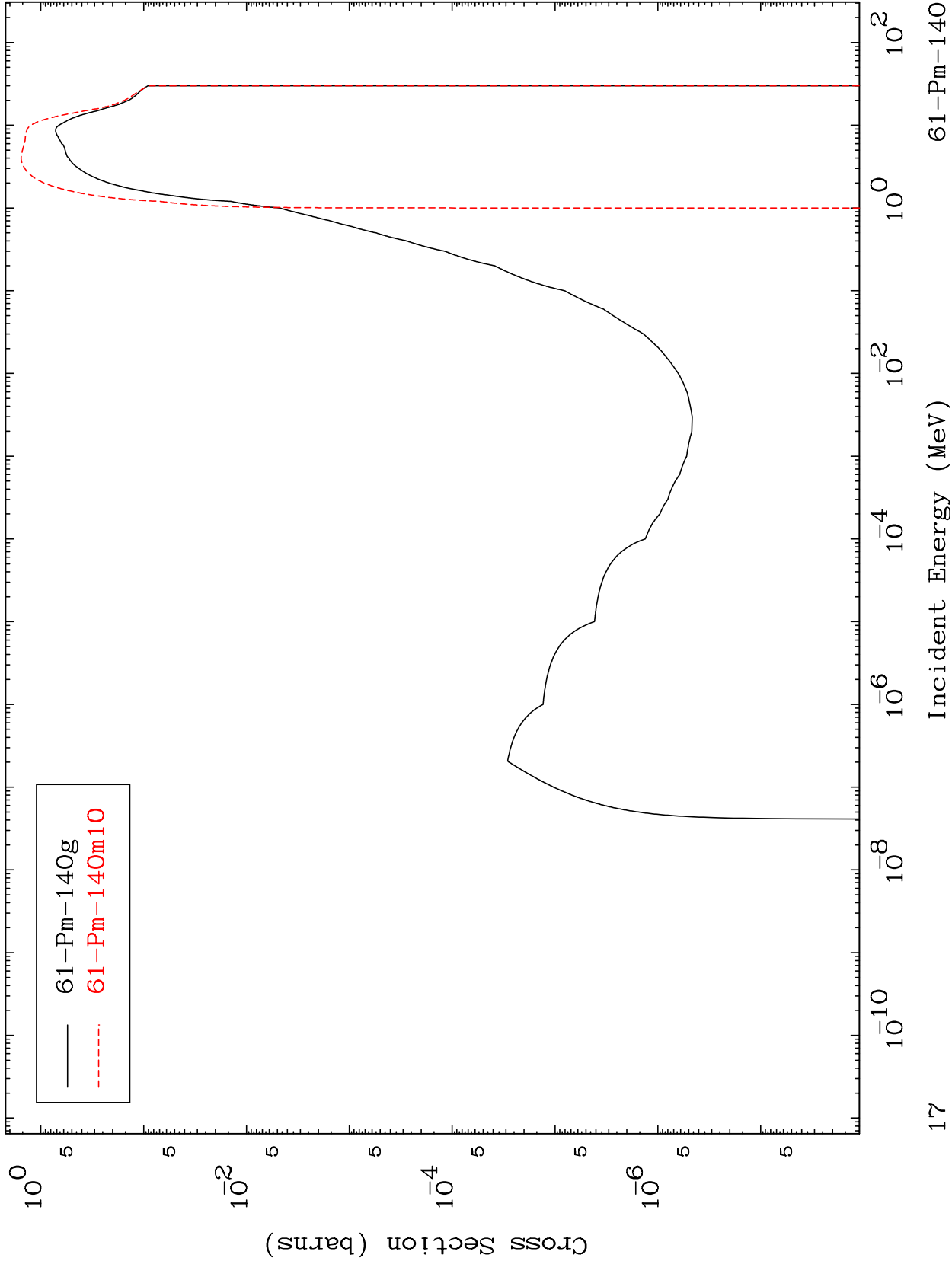




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Inelastic  
Radionuclide Production Cross Section

61-Pm-140

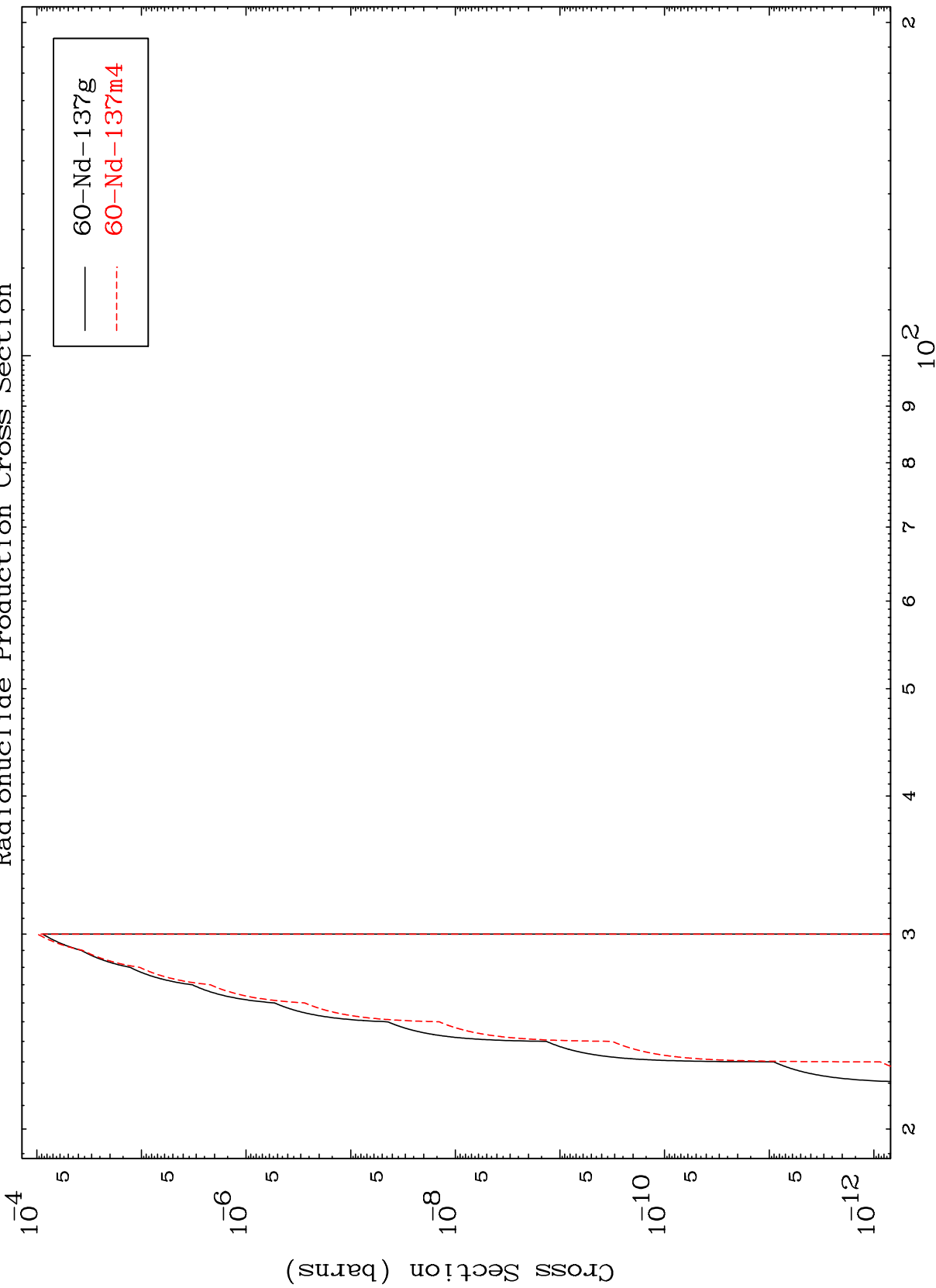


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(n,2n) d

61-Pm-140

Radionuclide Production Cross Section



18

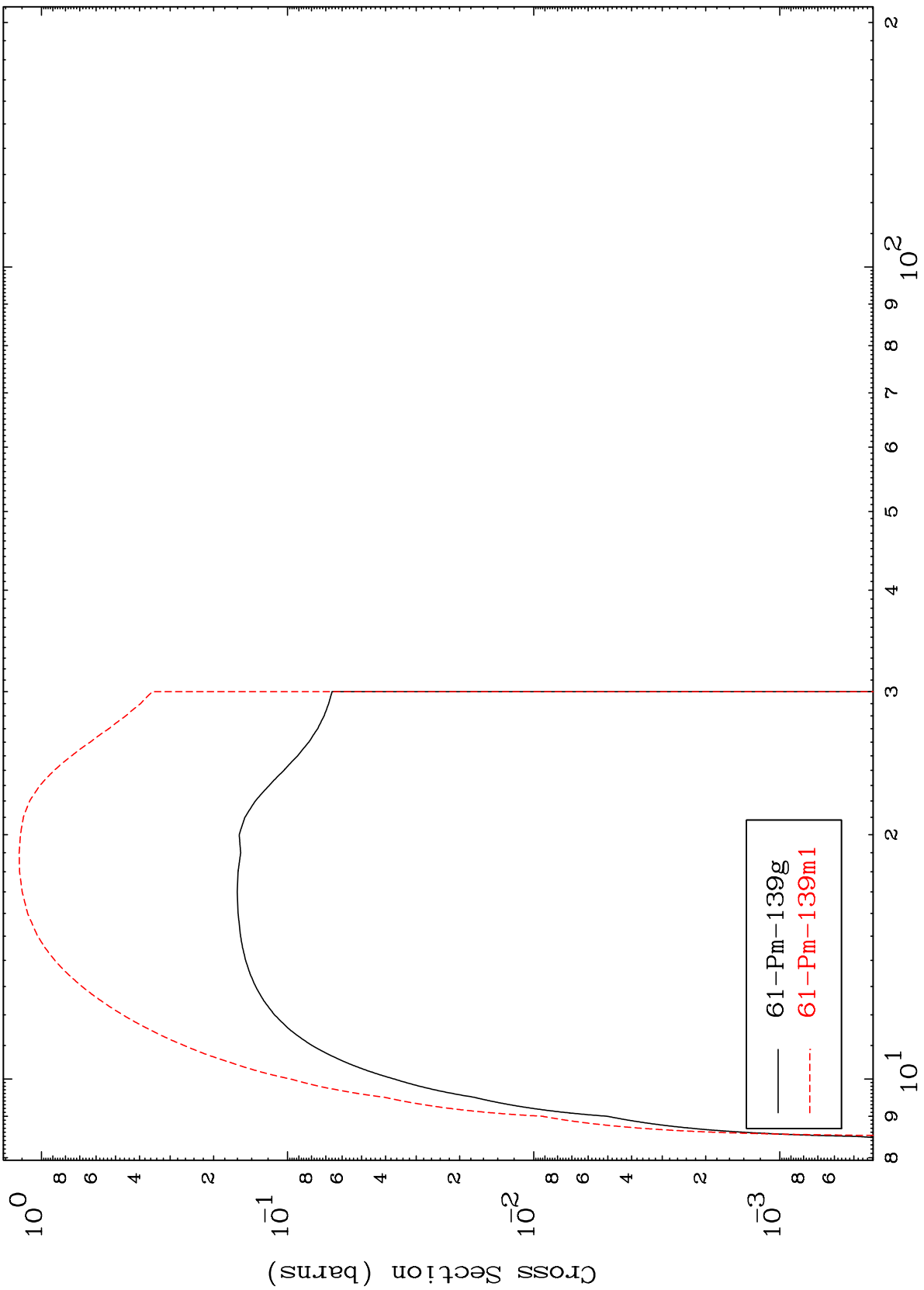
Incident Energy (MeV)

61-Pm-140

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61-Pm-140

(n,2n)  
Radionuclide Production Cross Section



19

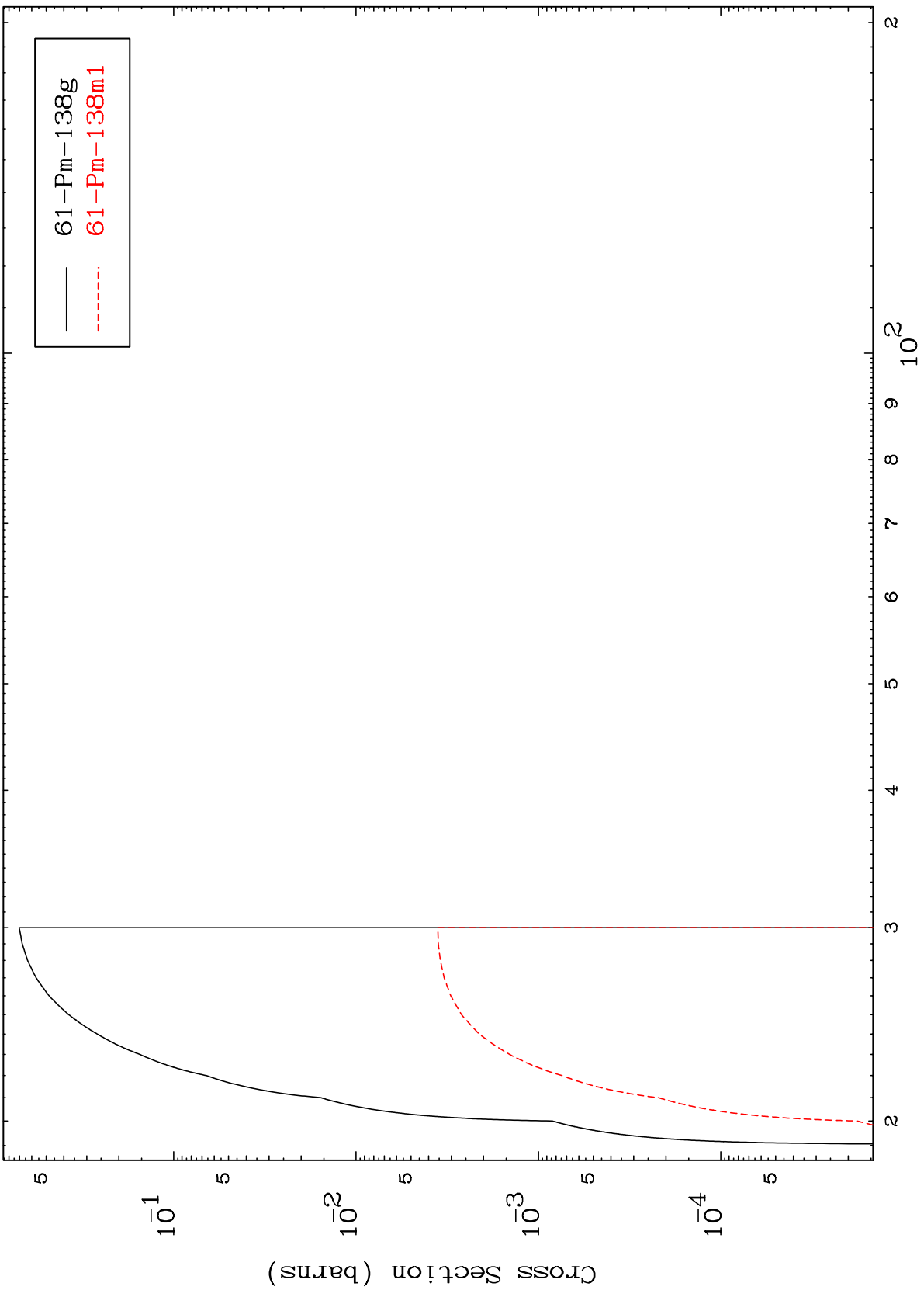
Incident Energy (MeV)

61-Pm-140

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61-Pm-140

(n,3n)  
Radionuclide Production Cross Section



61-Pm-140

Incident Energy (MeV)

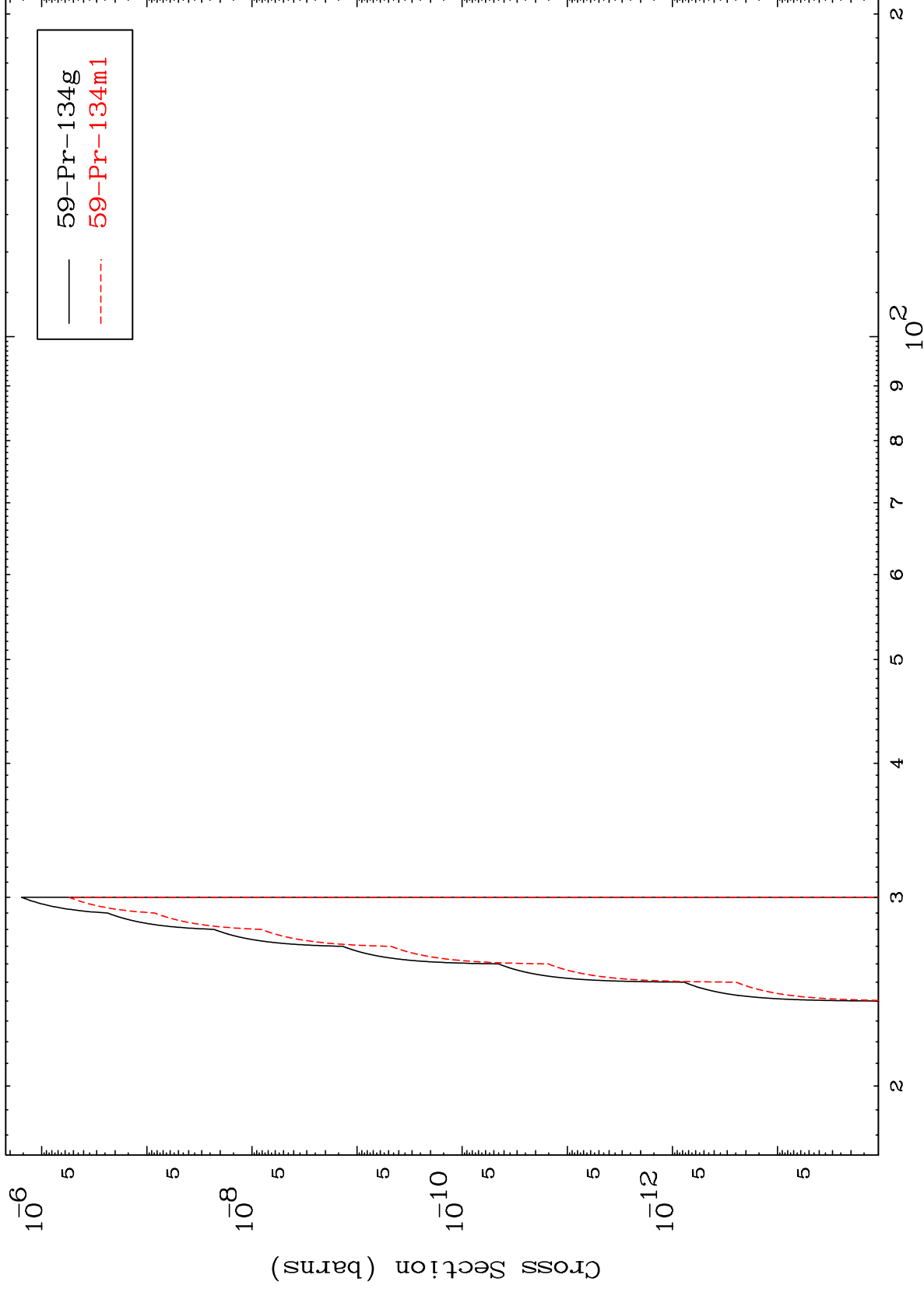
20

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(n,3n)  $\alpha$

61-Pm-140

Radionuclide Production Cross Section



21

Incident Energy (MeV)

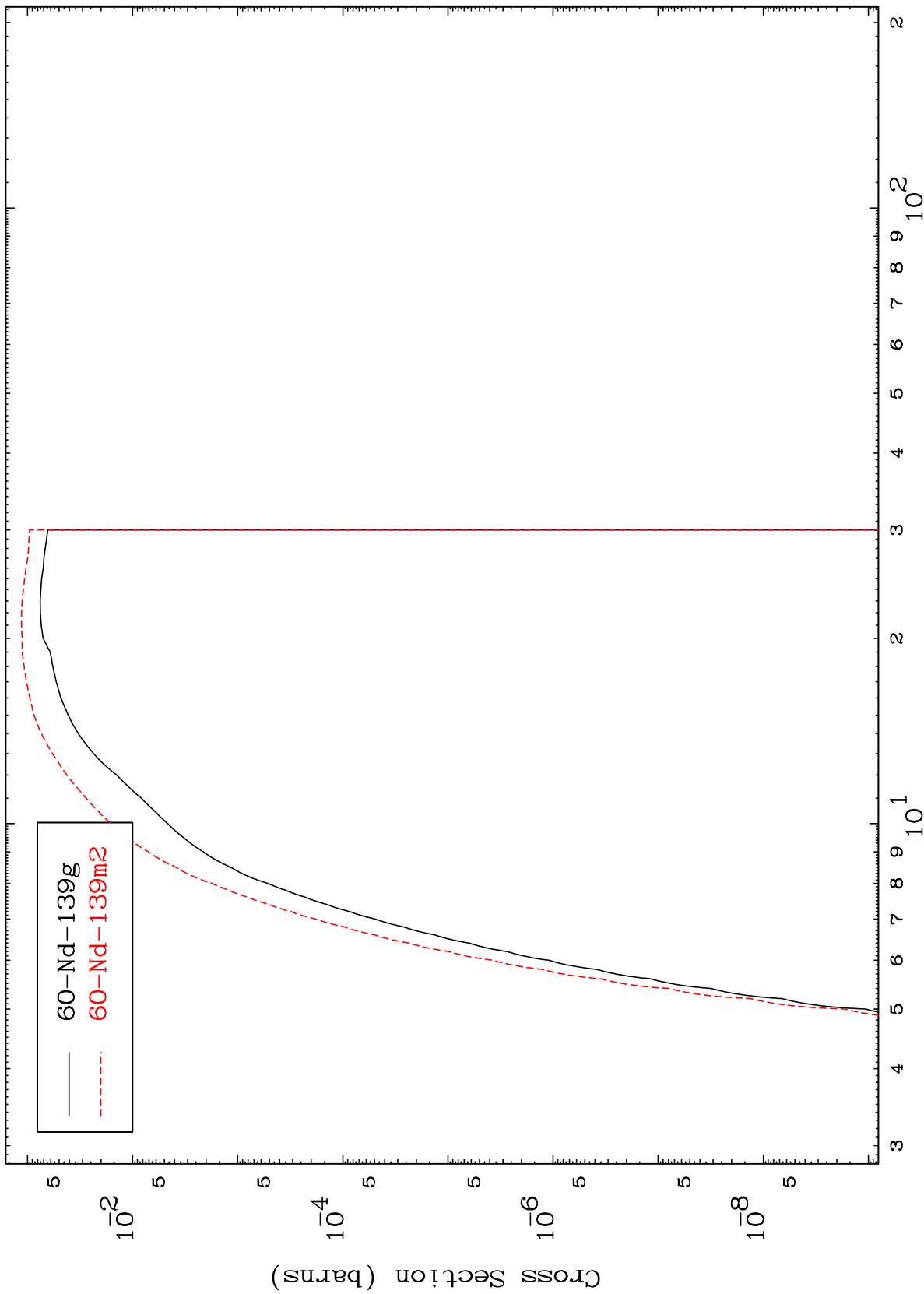
61-Pm-140

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61-Pm-140

(n,n') p

Radionuclide Production Cross Section



60-Nd-139g  
60-Nd-139m2

22

Incident Energy (MeV)

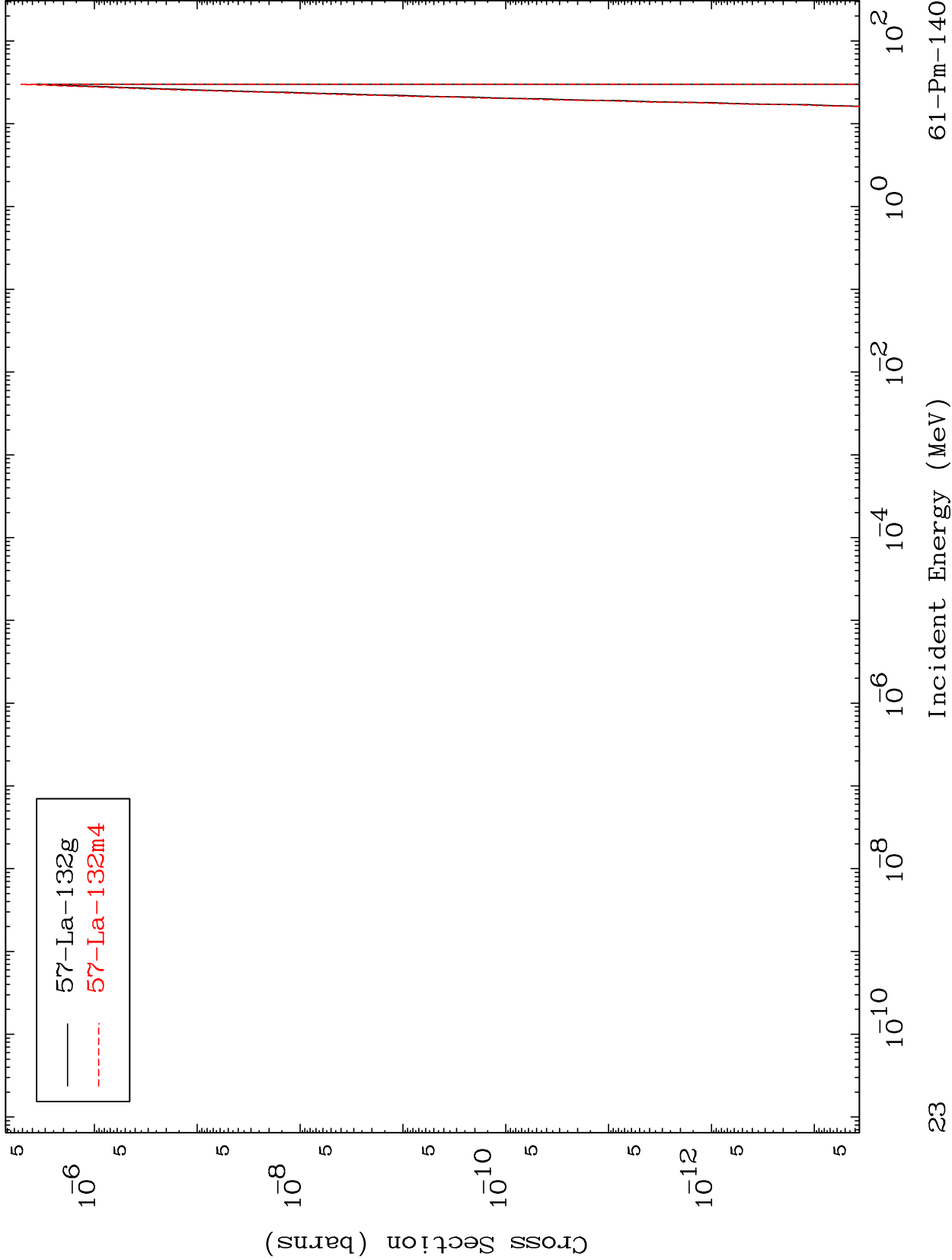
61-Pm-140

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(n,n') 2α

61-Pm-140

Radionuclide Production Cross Section



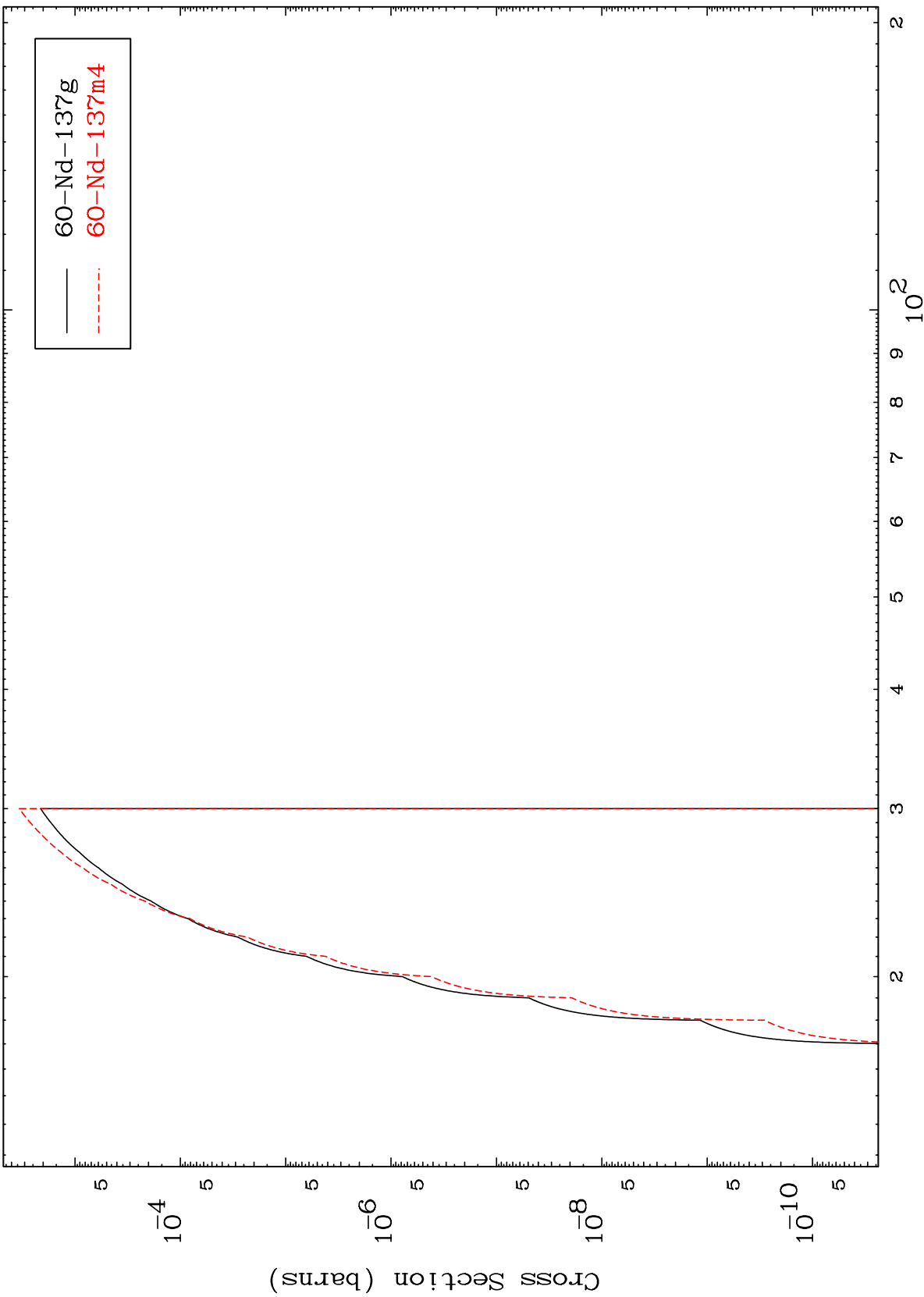


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(n,n') t

61-Pm-140

Radionuclide Production Cross Section

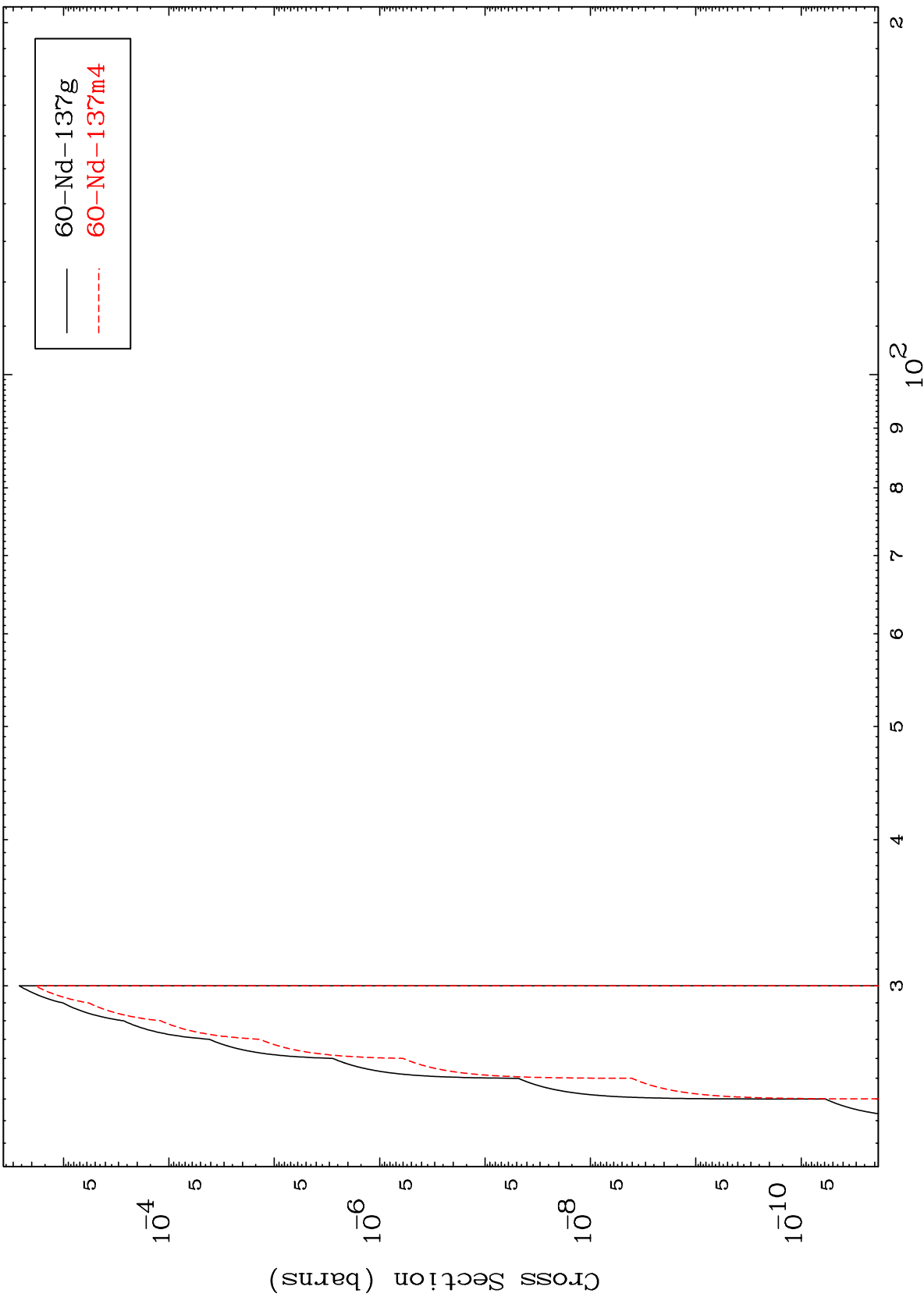


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Incident Energy (MeV)

61-Pm-140

Radionuclide Production Cross Section

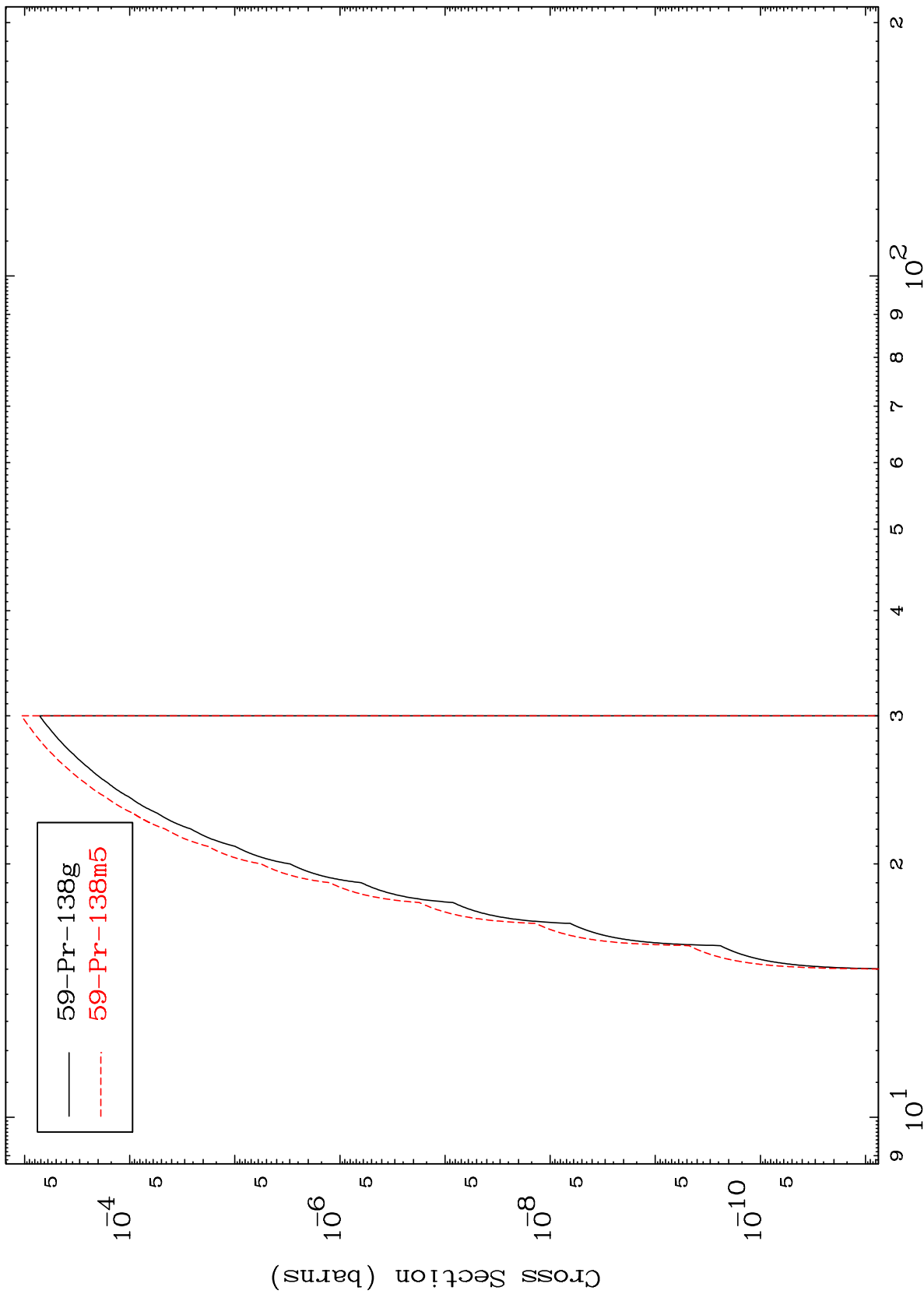


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(n,2n) p

61-Pm-140

Radionuclide Production Cross Section



59-Pr-138g  
59-Pr-138m5

Incident Energy (MeV)

61-Pm-140

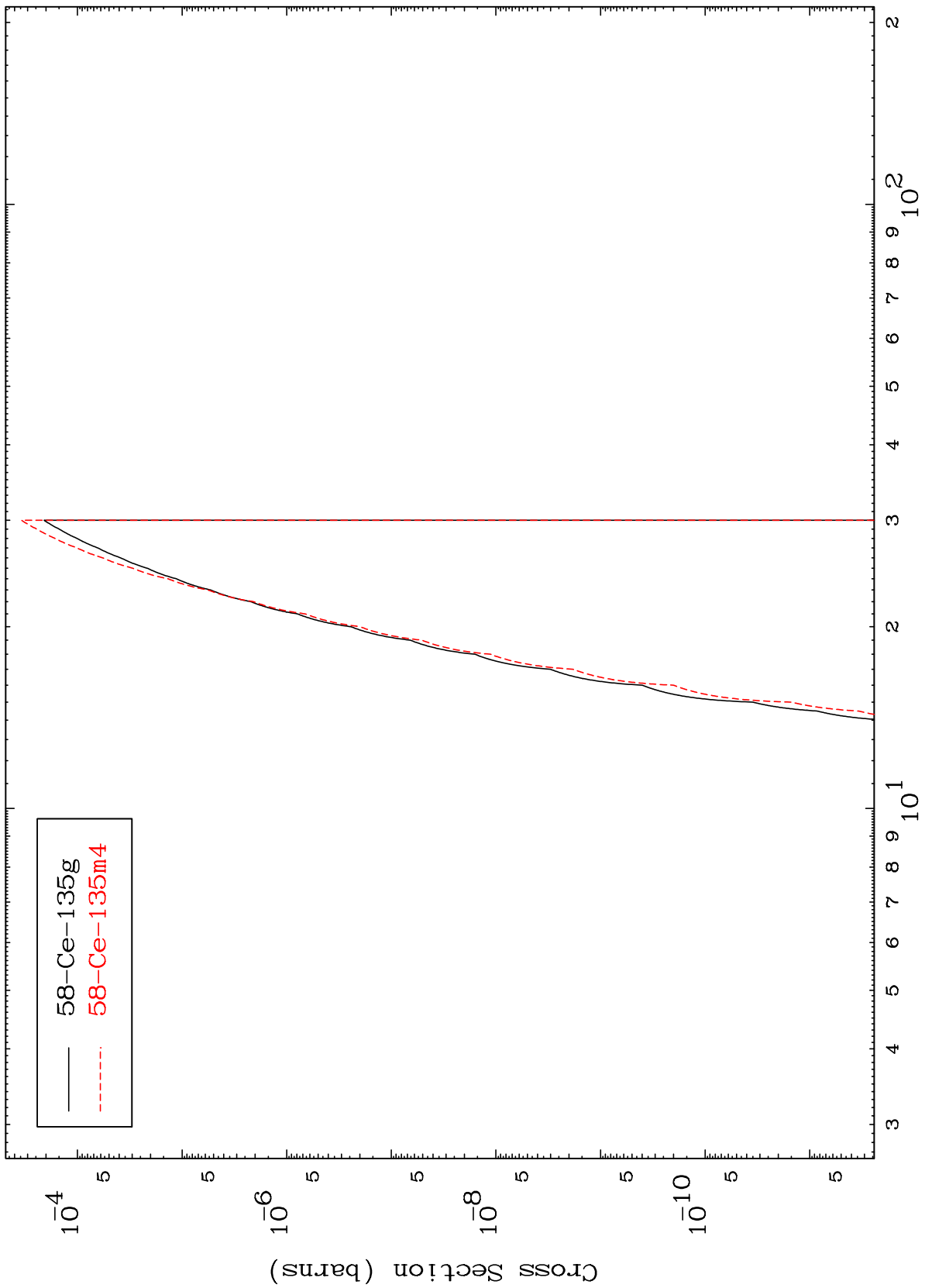
26

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(n,n') p  $\alpha$

61-Pm-140

Radionuclide Production Cross Section



27

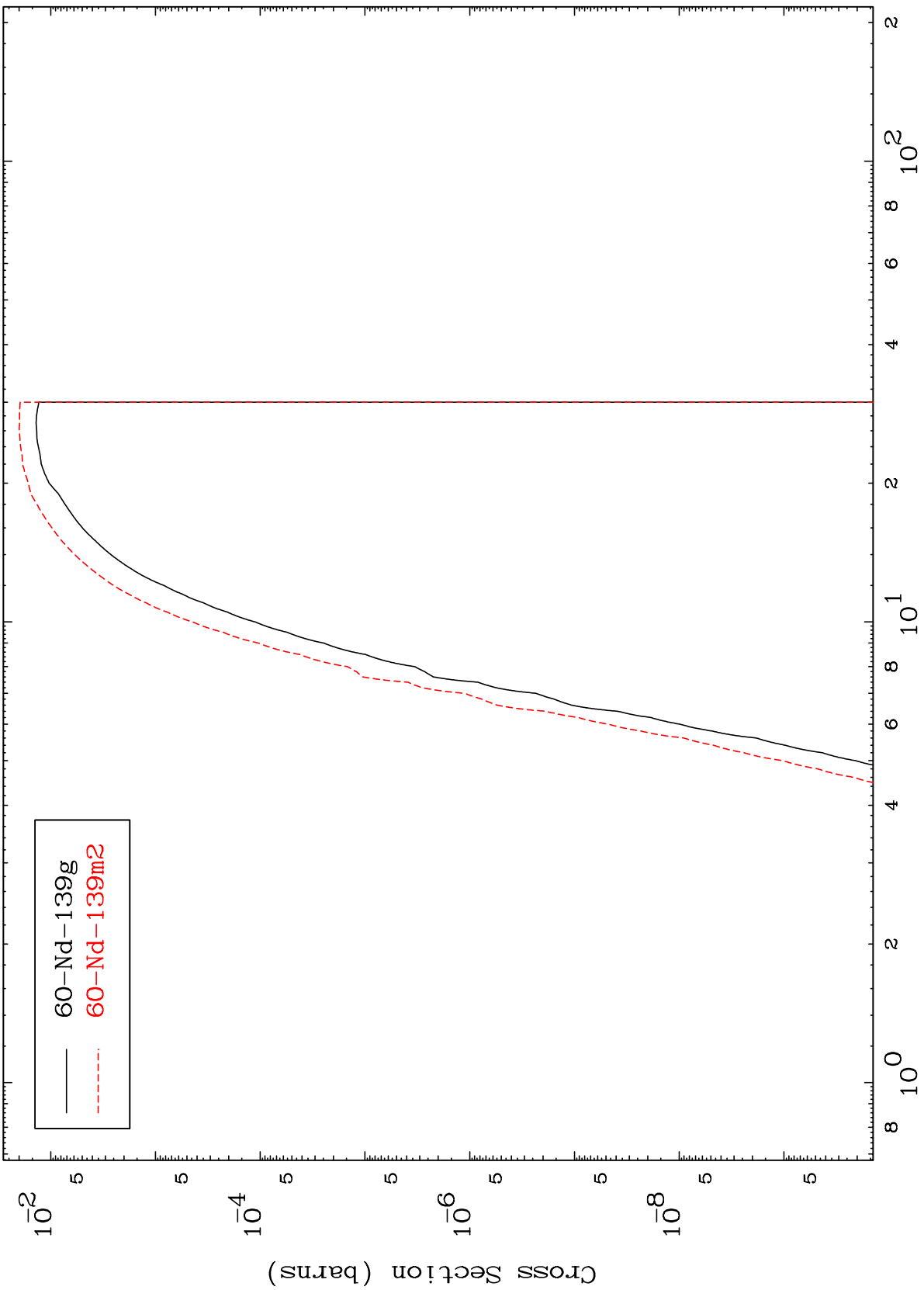
Incident Energy (MeV)

61-Pm-140

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61-Pm-140

(n,d)  
Radionuclide Production Cross Section



— 60-Nd-139g  
- - - 60-Nd-139m2

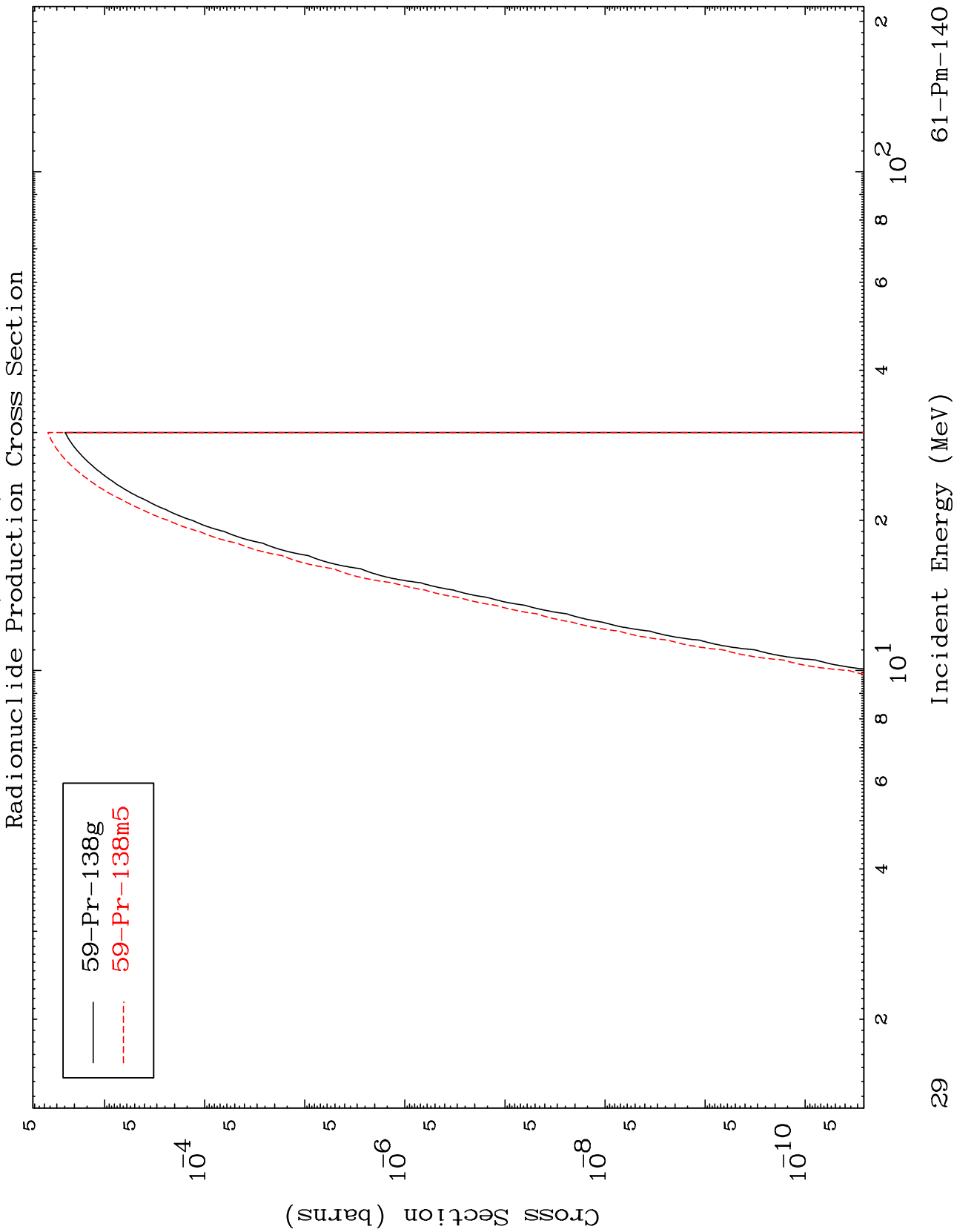
28

Incident Energy (MeV)

61-Pm-140

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61-Pm-140



61-Pm-140

Incident Energy (MeV)

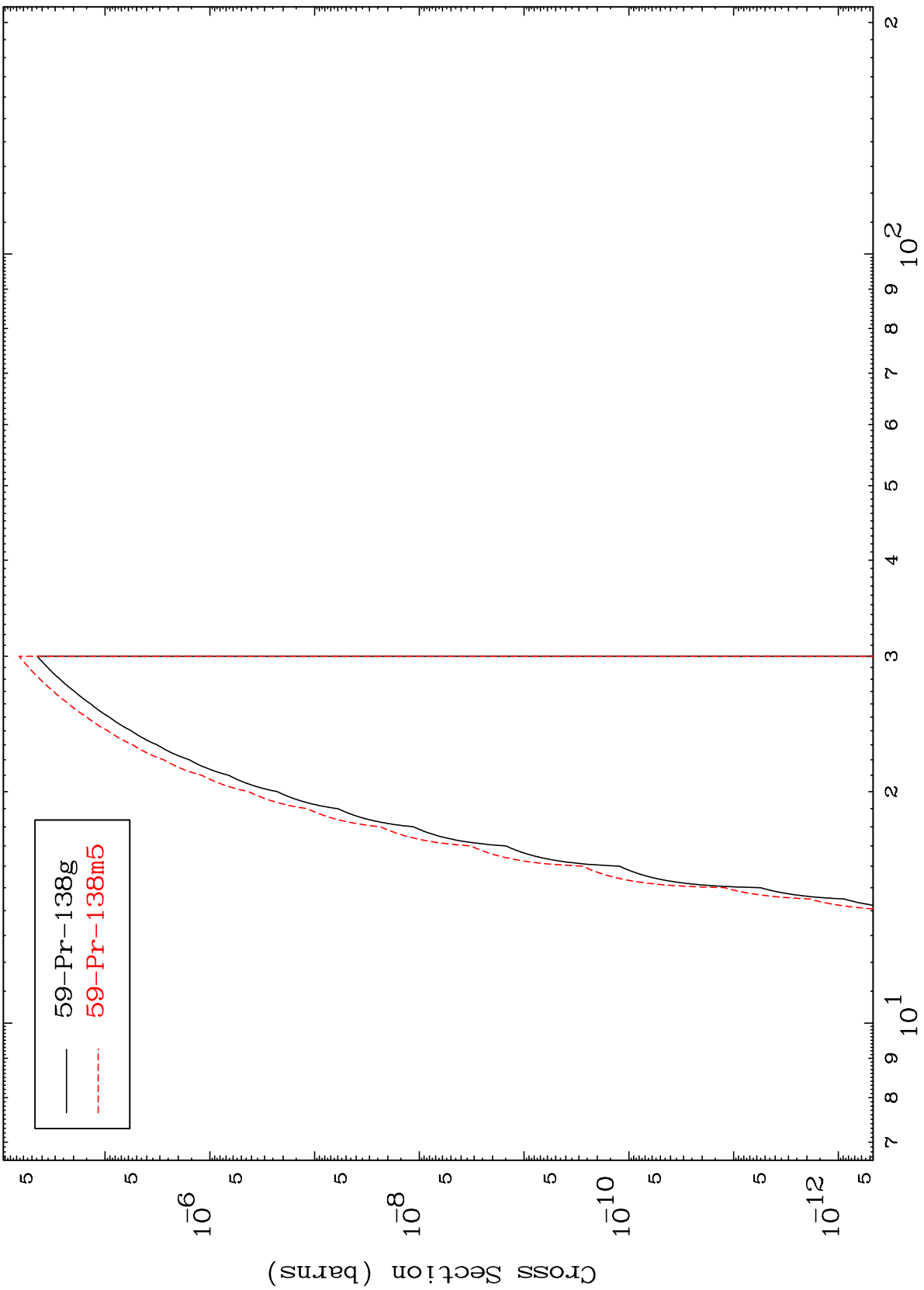
29

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(n,p) d

61-Pm-140

Radionuclide Production Cross Section



30

Incident Energy (MeV)

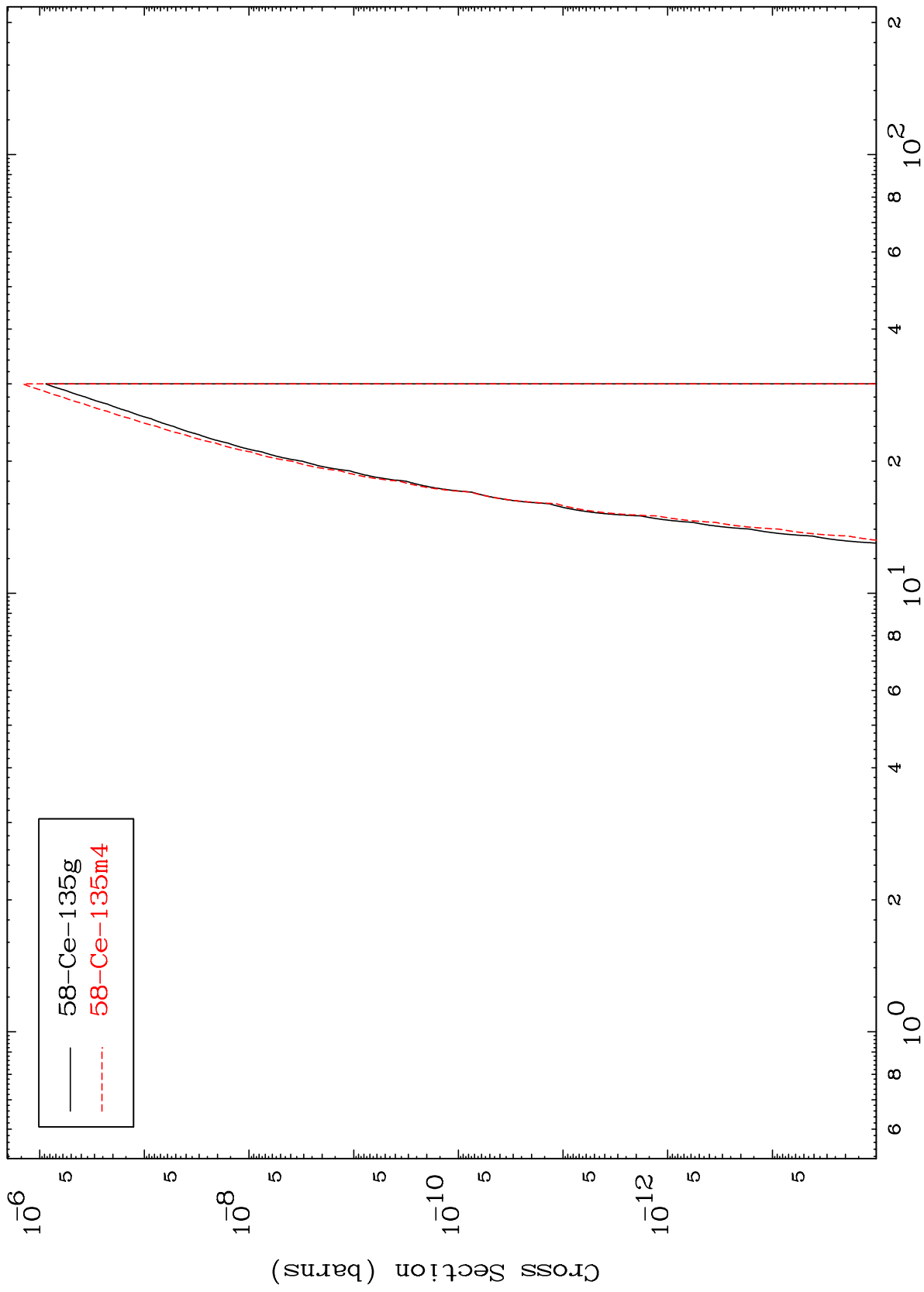
61-Pm-140

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(n,d)  $\alpha$

61-Pm-140

Radionuclide Production Cross Section



31

Incident Energy (MeV)

61-Pm-140