

Program EVALPLOT  
(Version 2018-1)

by

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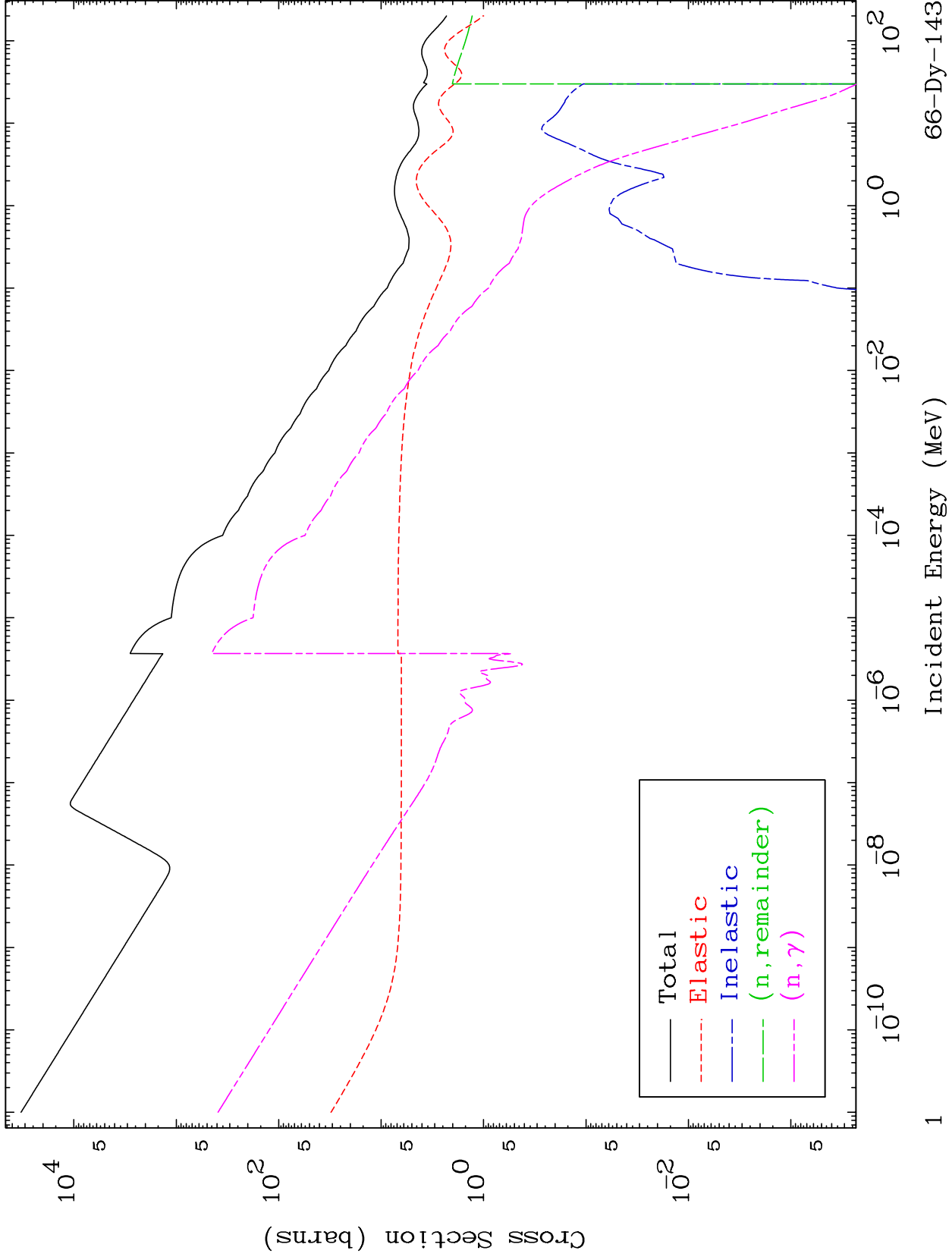
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Press Mouse Button to Start

MAT 6587

Major  
293 Kelvin Cross Sections

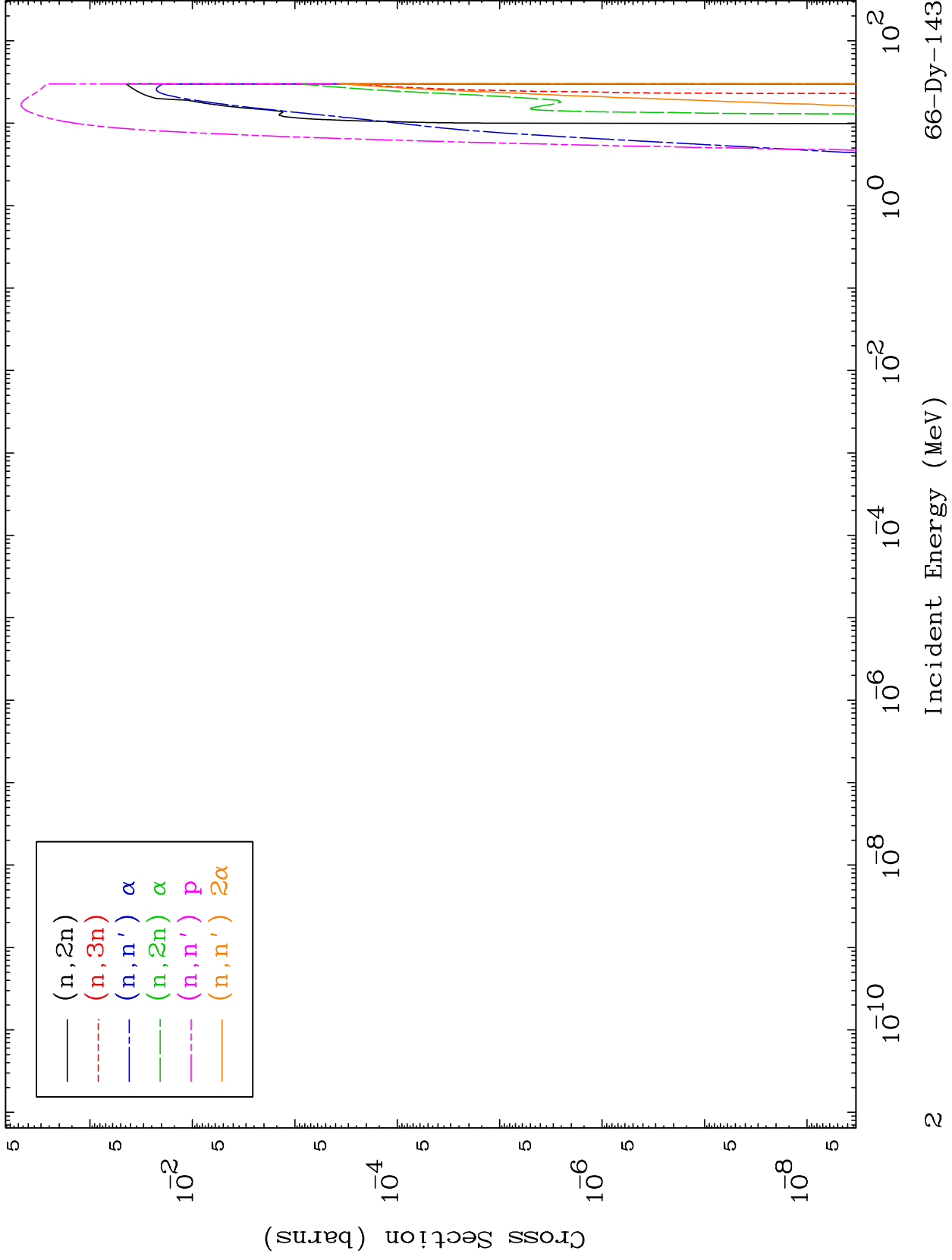
66-Dy-143

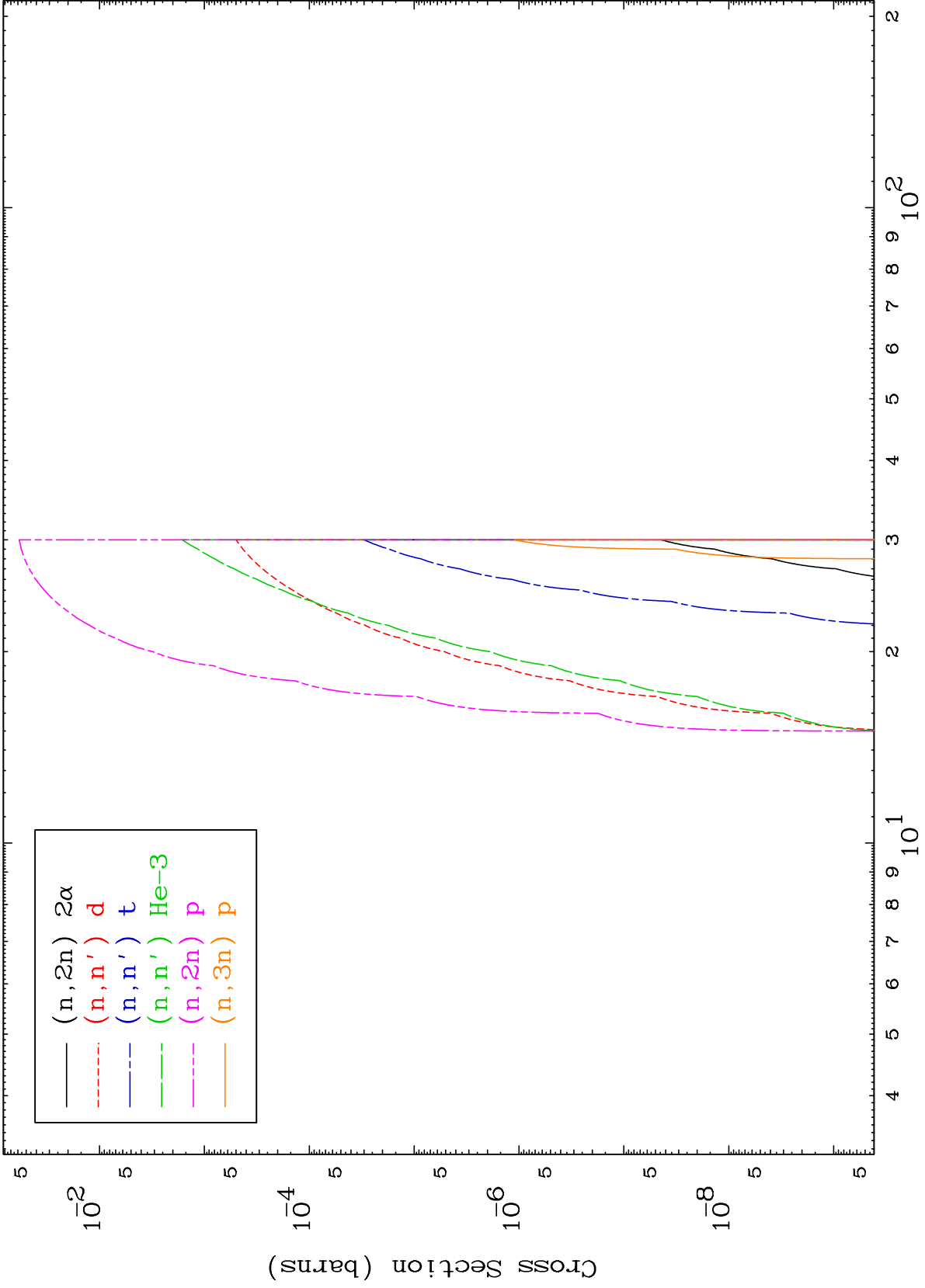


MAT 6587

Neutron Production  
293 Kelvin Cross Sections

66-Dy-143

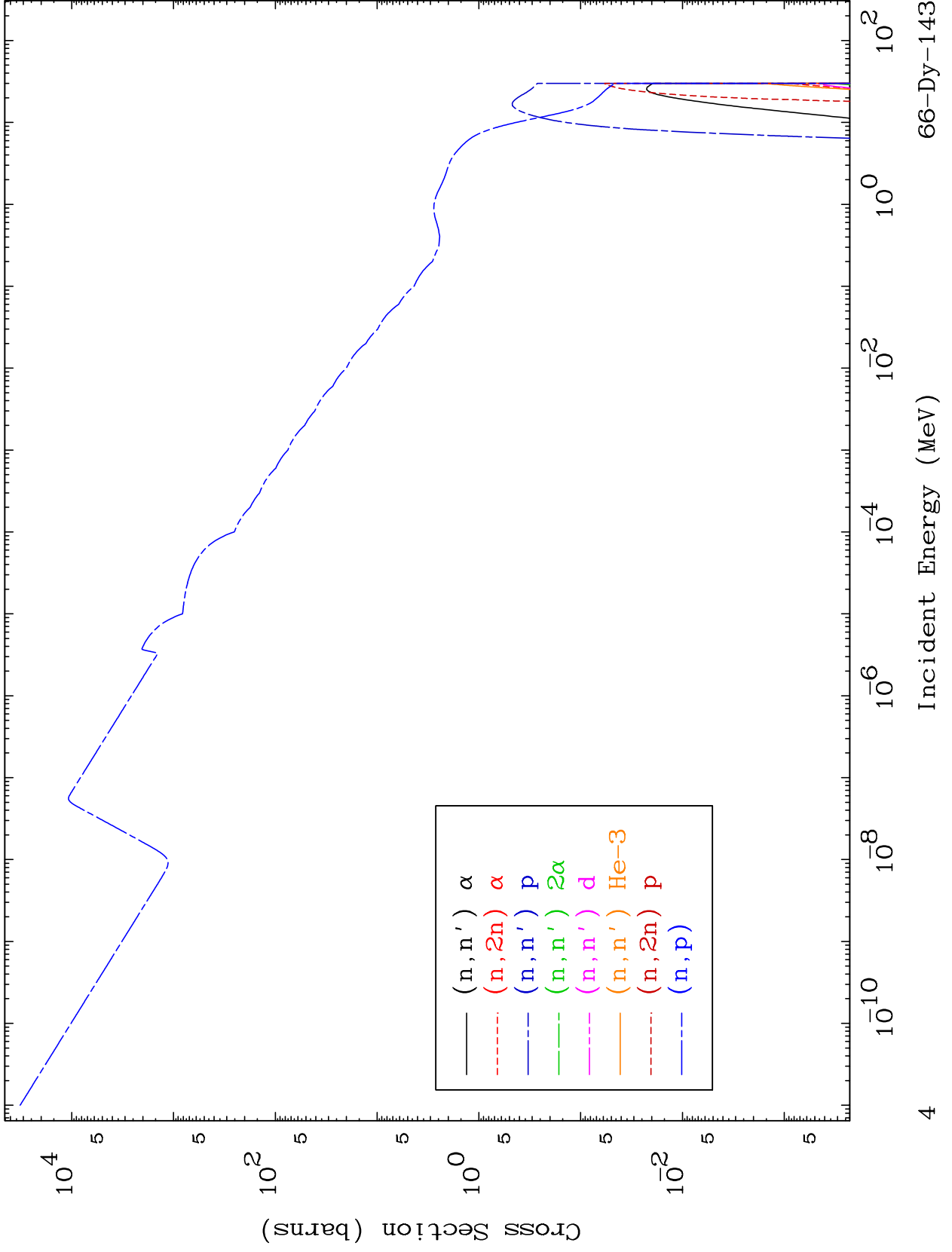




MAT 6587

Charged Particle  
293 Kelvin Cross Sections

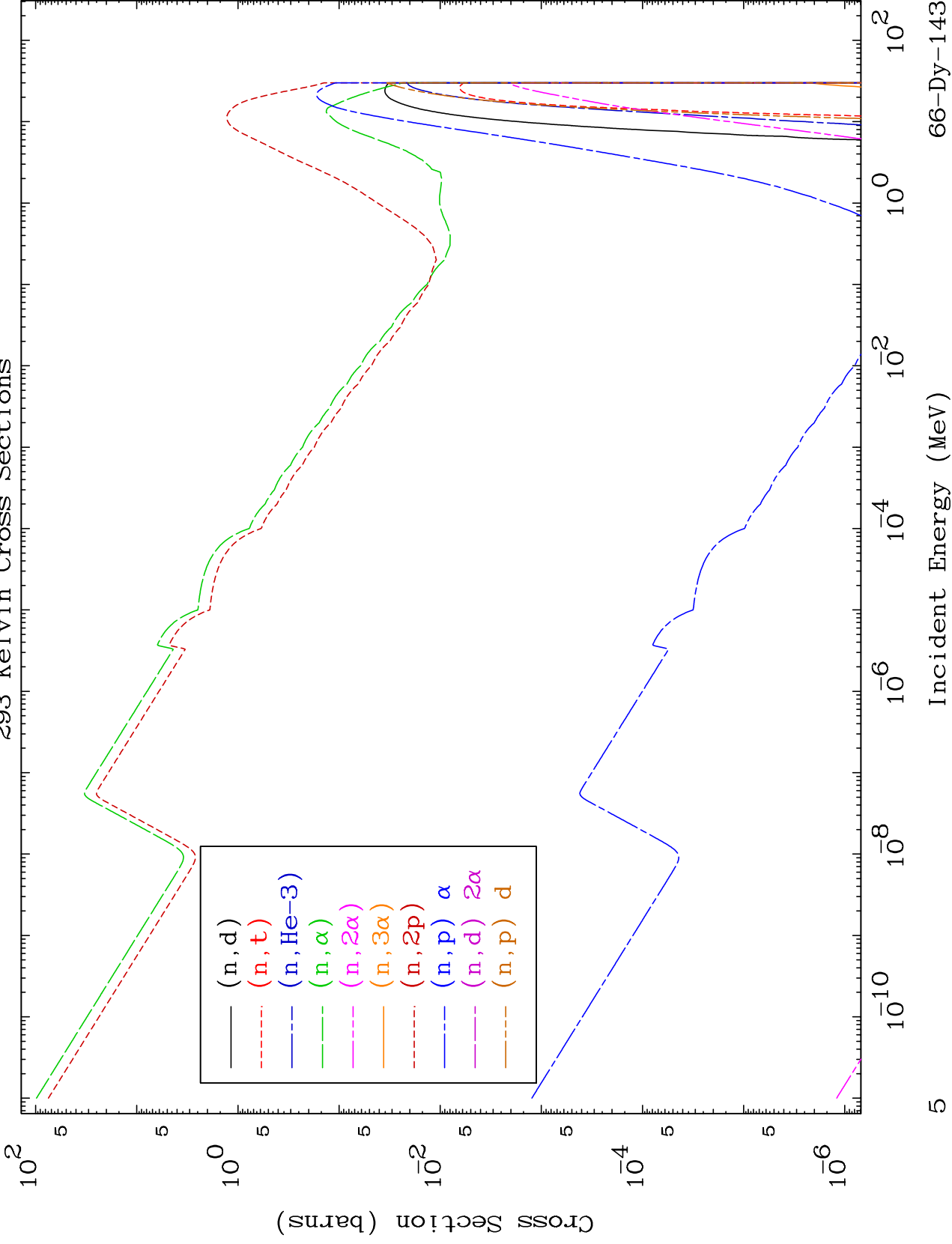
66-Dy-143



MAT 6587

Charged Particle  
293 Kelvin Cross Sections

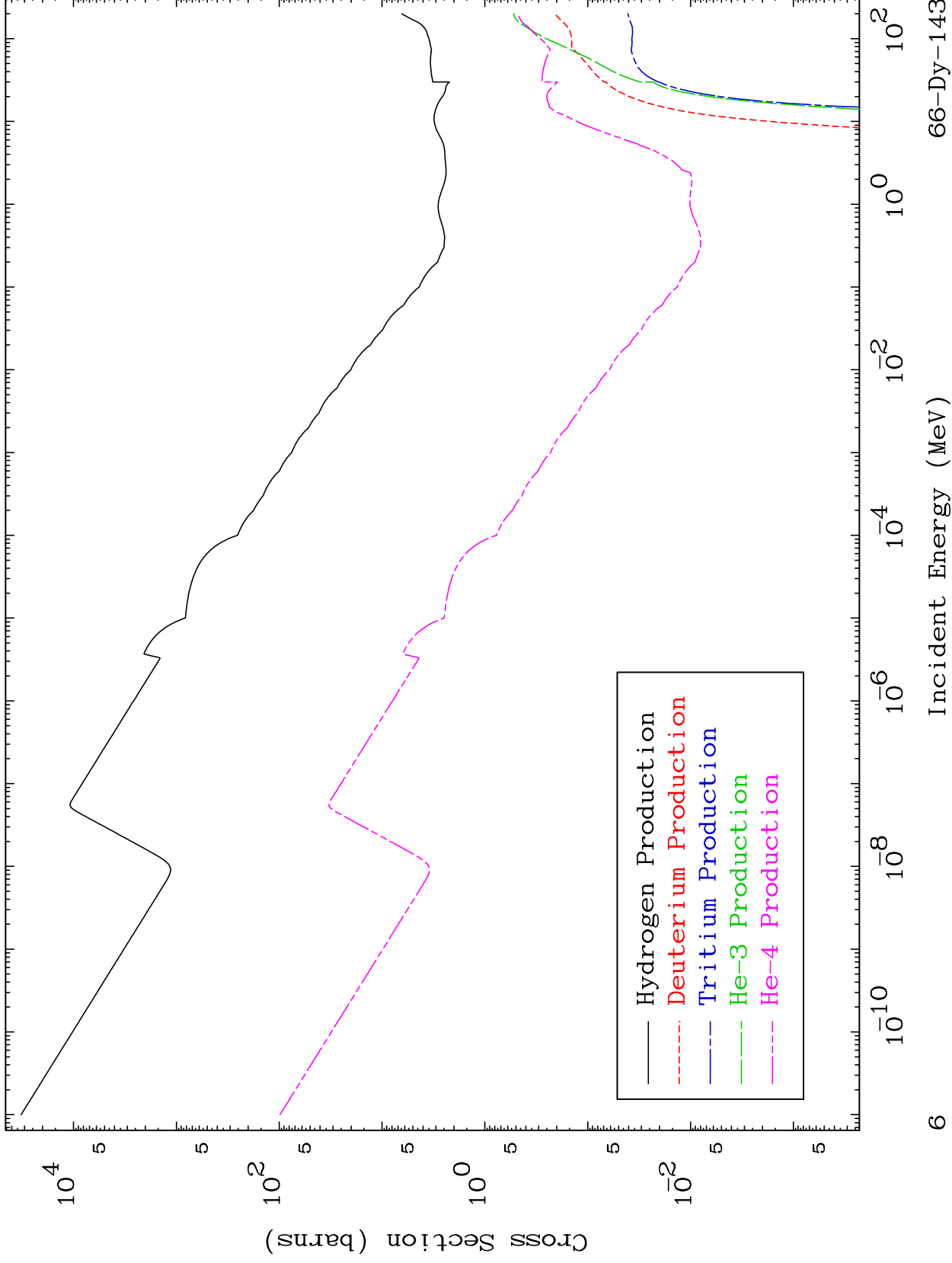
66-Dy-143



MAT 6587

Particle Production  
293 Kelvin Cross Sections

66-Dy-143

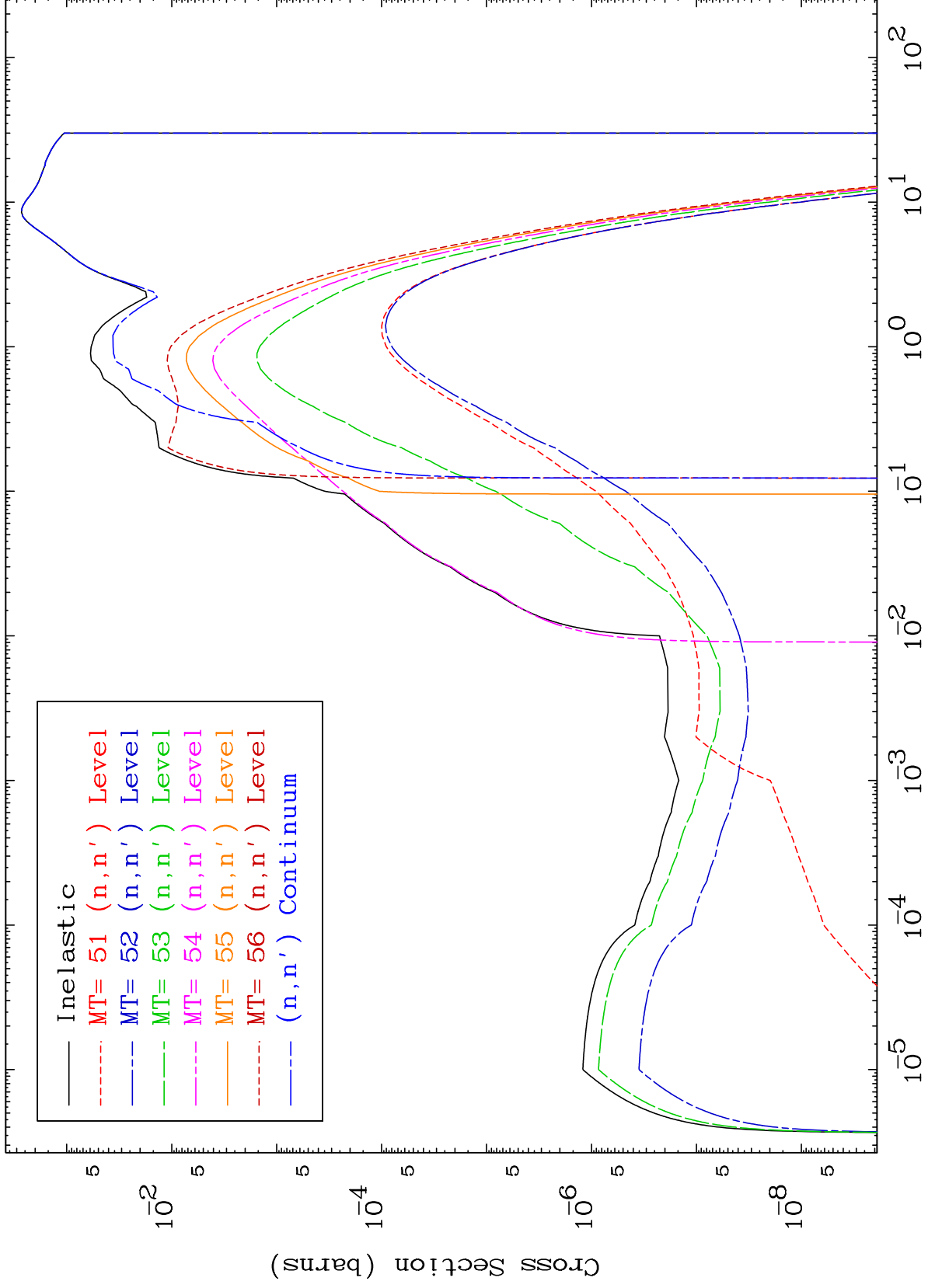


MAT 6587

(n,n') Level

66-Dy-143

293 Kelvin Cross Sections



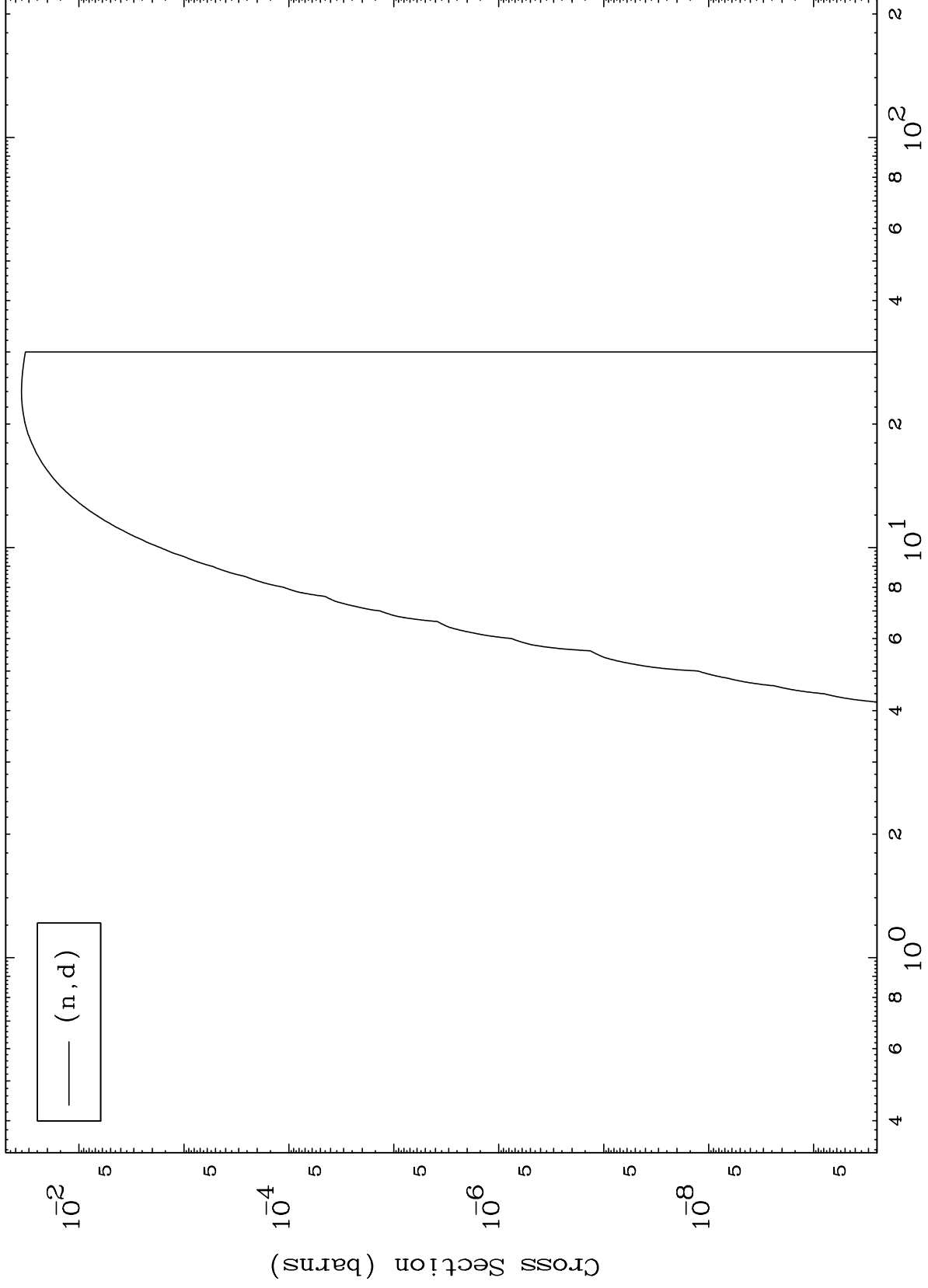




MAT 6587

(n,d) Levels  
293 Kelvin Cross Sections

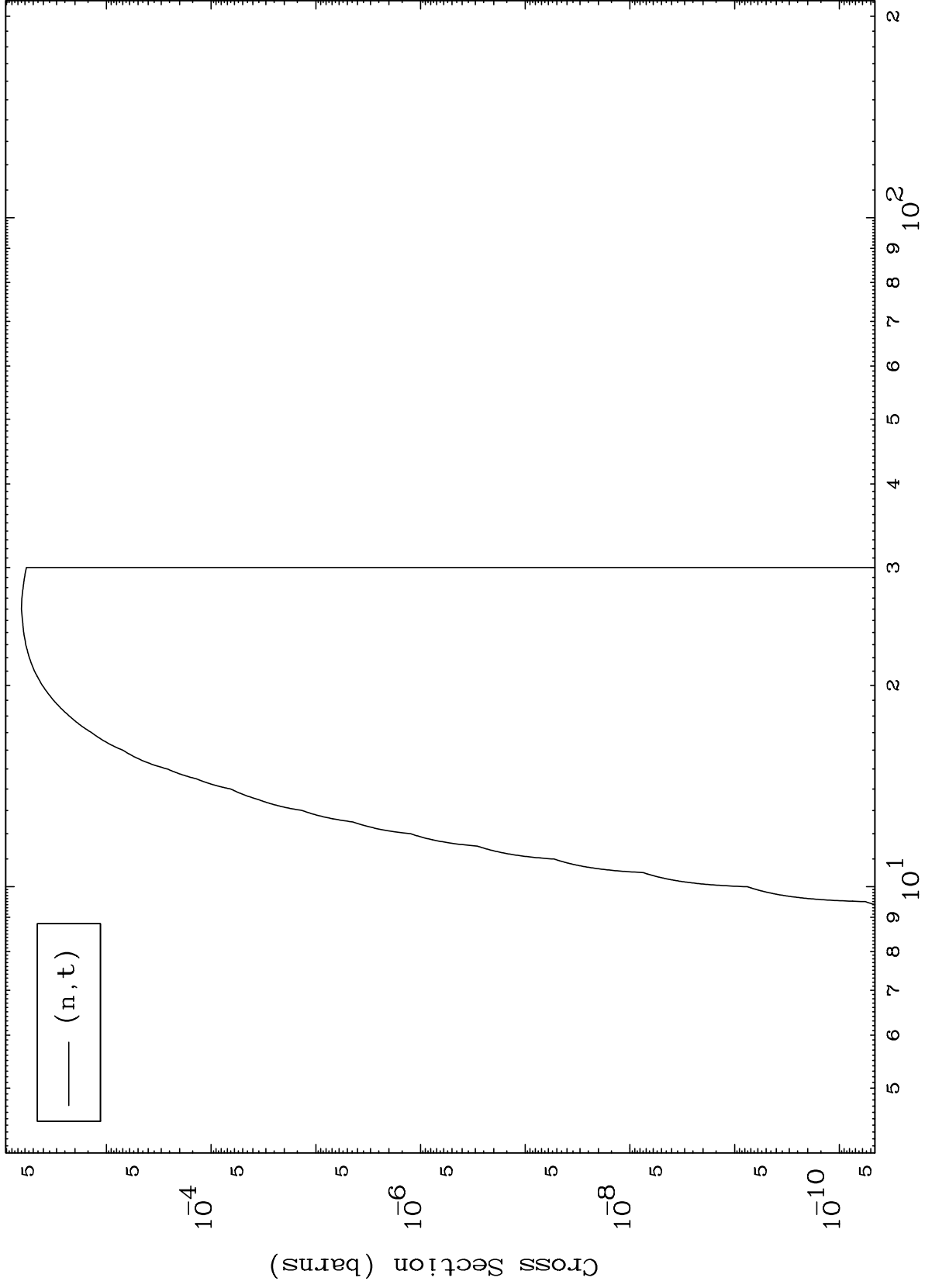
66-Dy-143



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(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-143



10

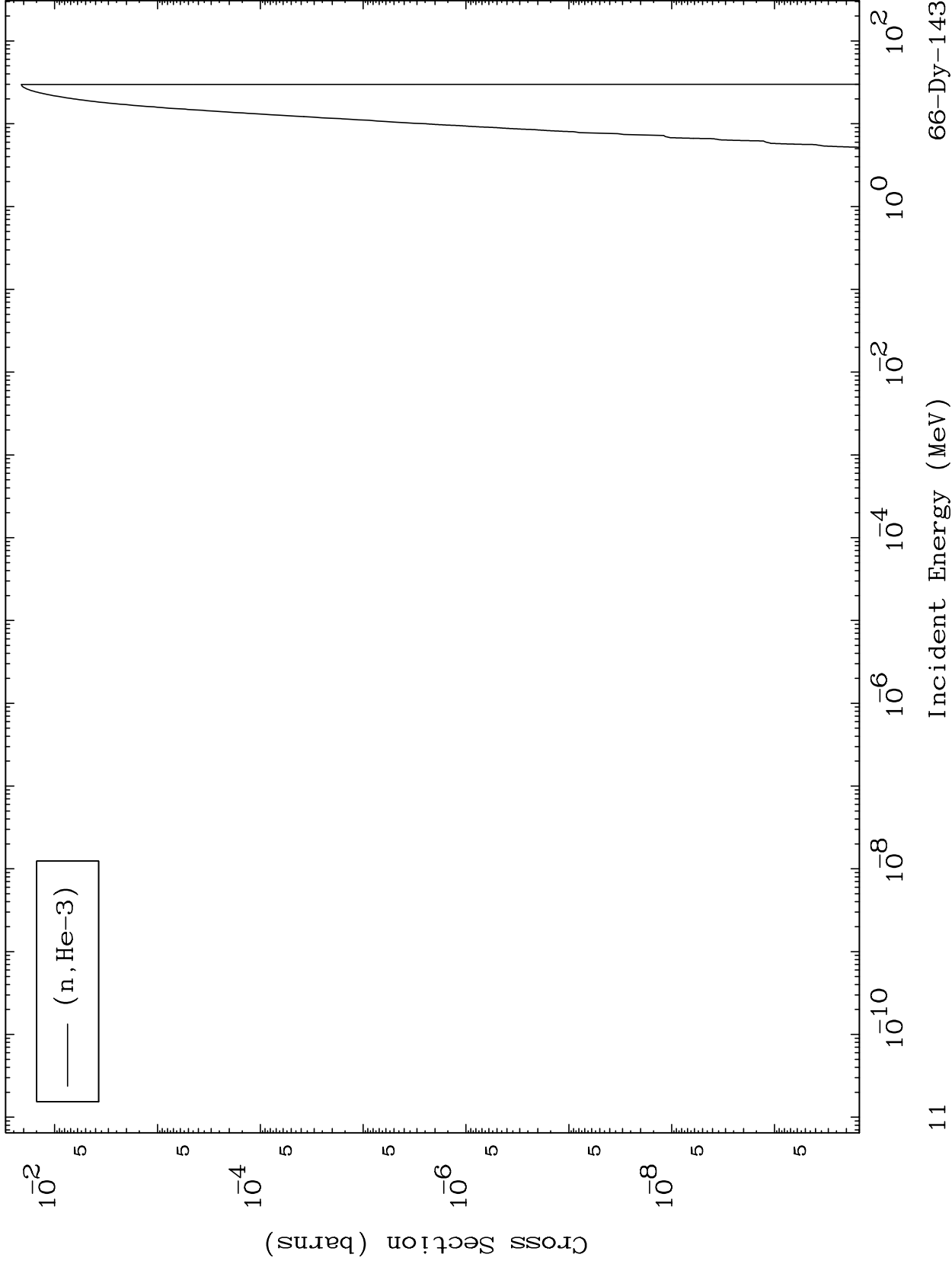
Incident Energy (MeV)

66-Dy-143

MAT 6587

(n,He3) Levels  
293 Kelvin Cross Sections

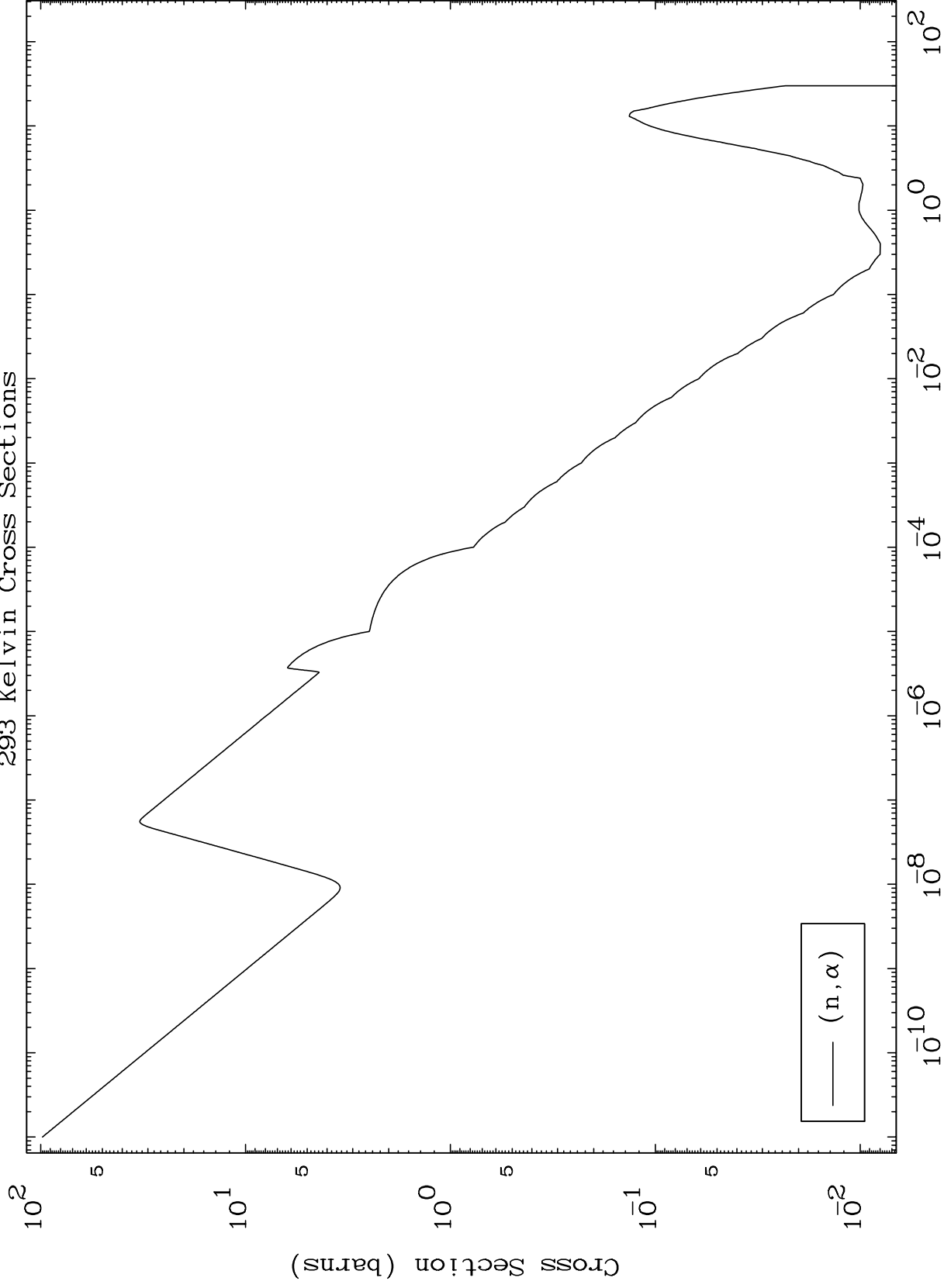
66-Dy-143



MAT 6587

(n,α) Levels  
293 Kelvin Cross Sections

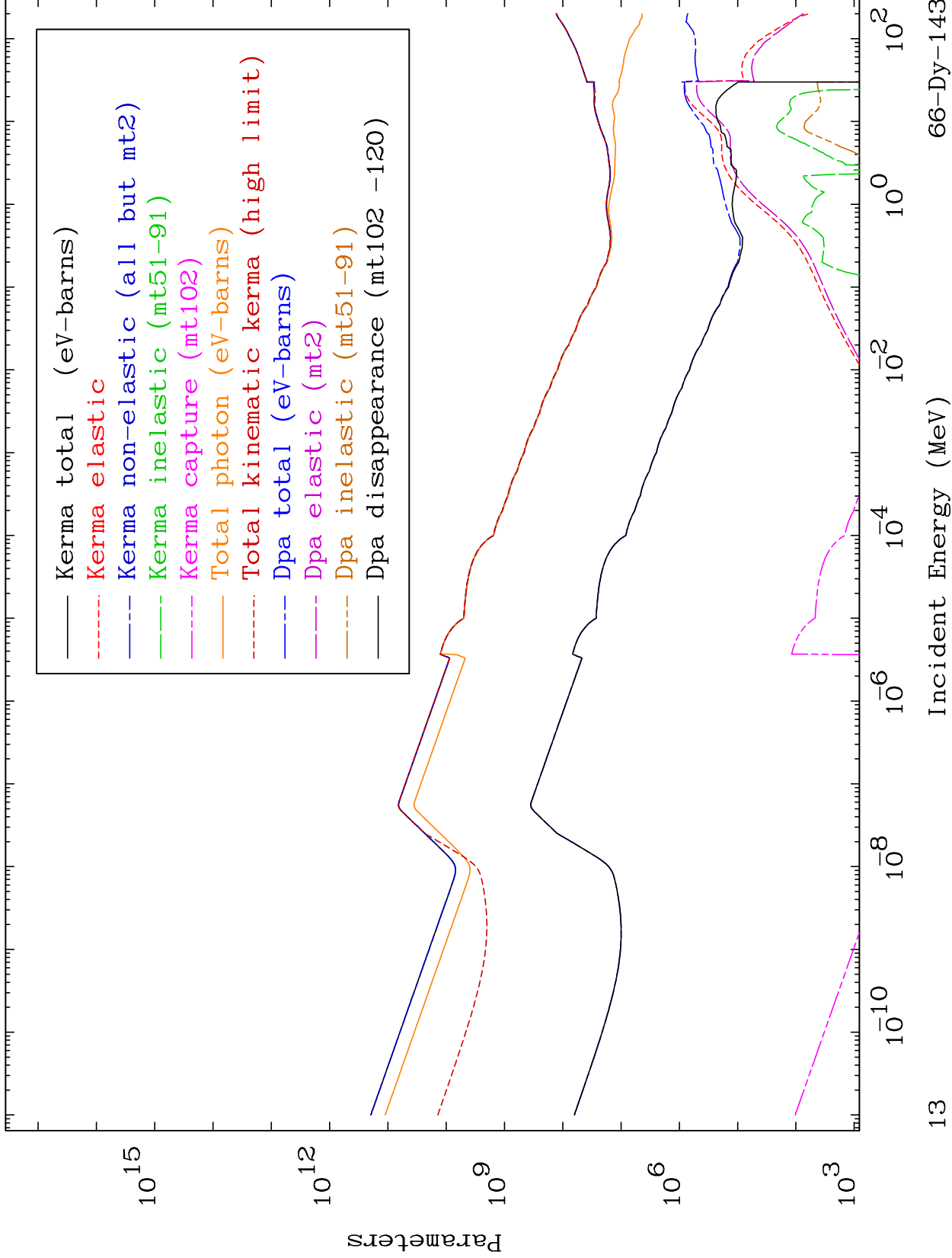
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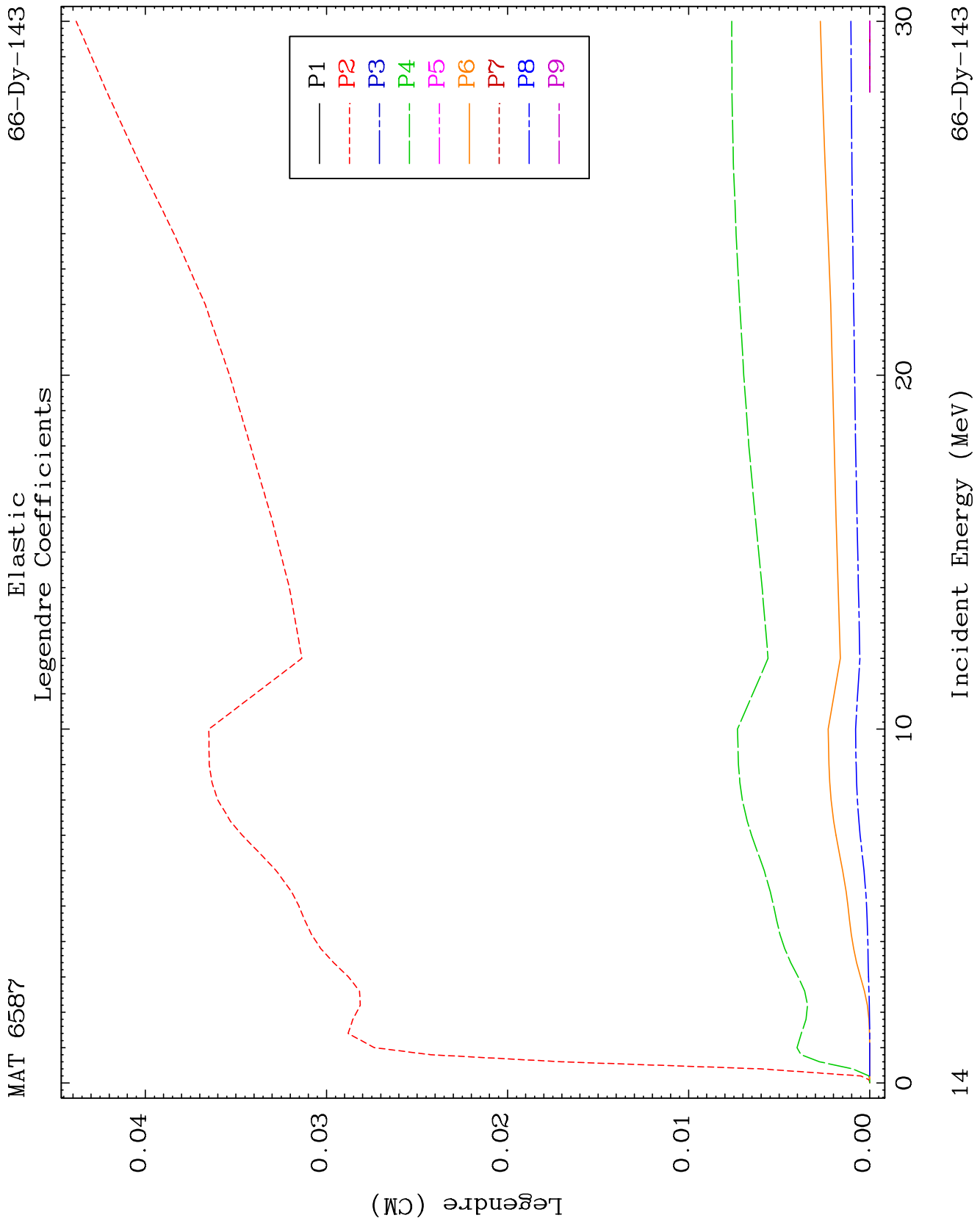


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Incident Energy (MeV)

66-Dy-143

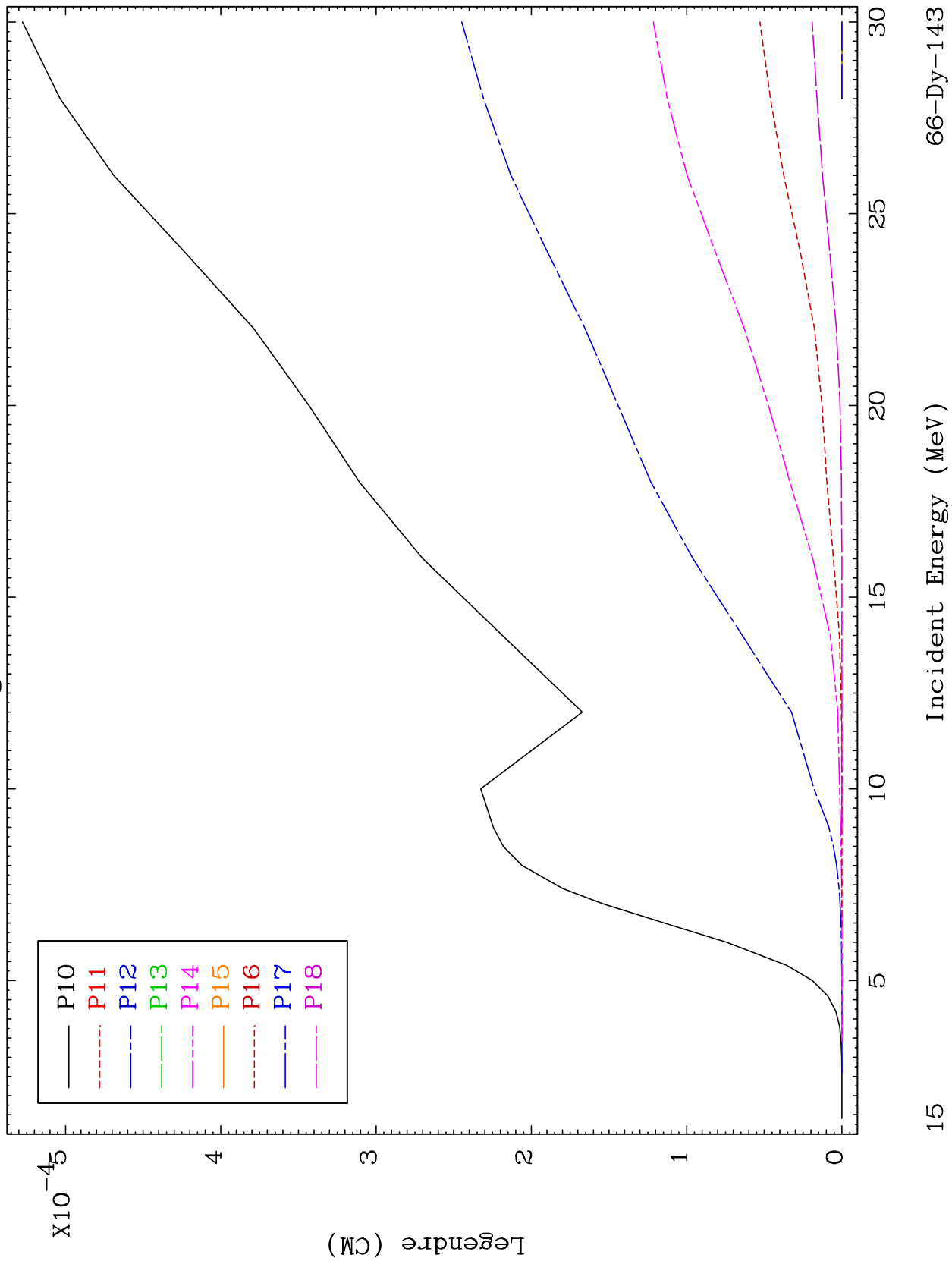




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Elastic Legendre Coefficients

66-Dy-143



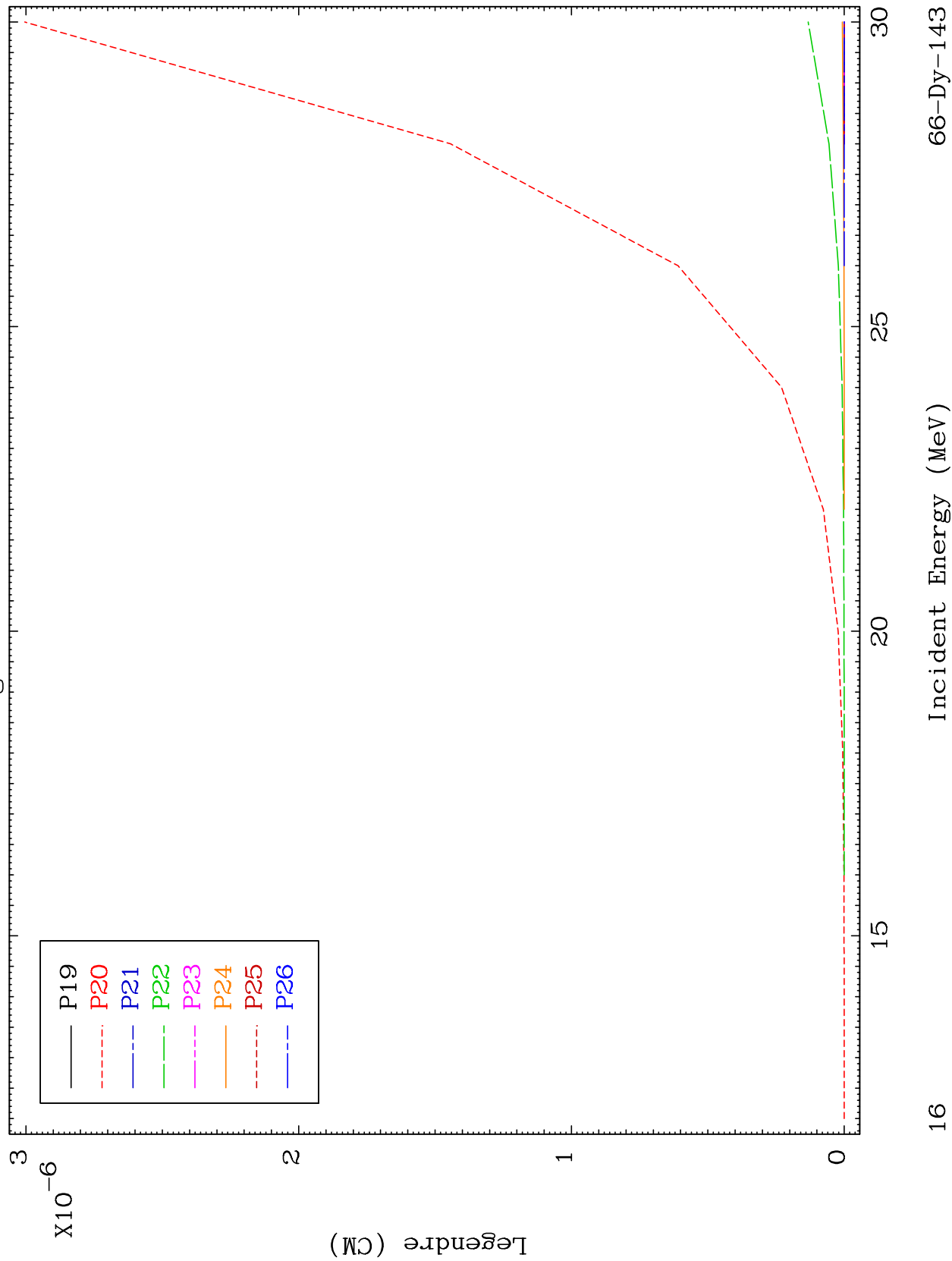
- P10
- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18



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Elastic  
Legendre Coefficients

66-Dy-143



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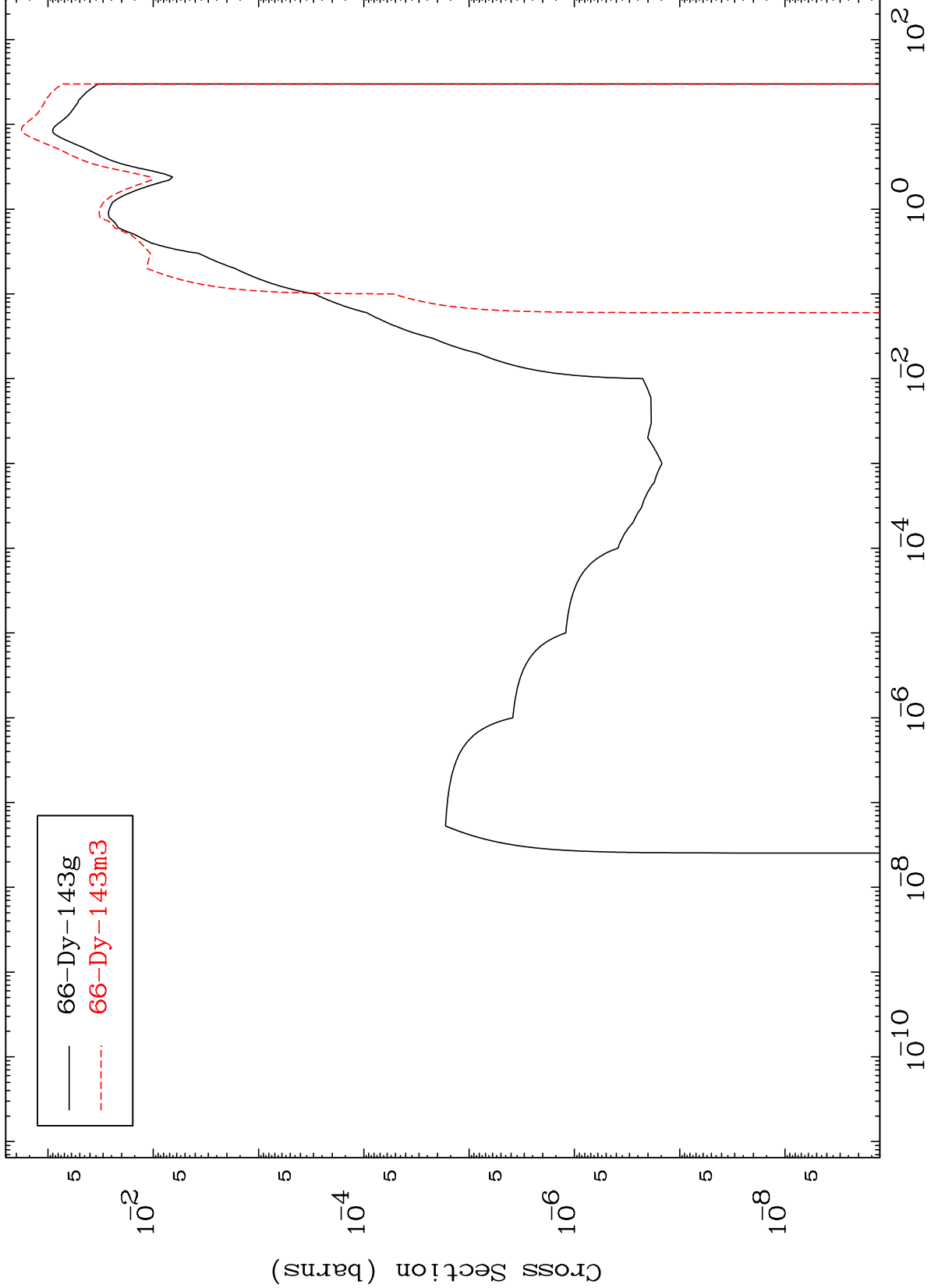
Incident Energy (MeV)

66-Dy-143

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Inelastic  
Radionuclide Production Cross Section

66-Dy-143



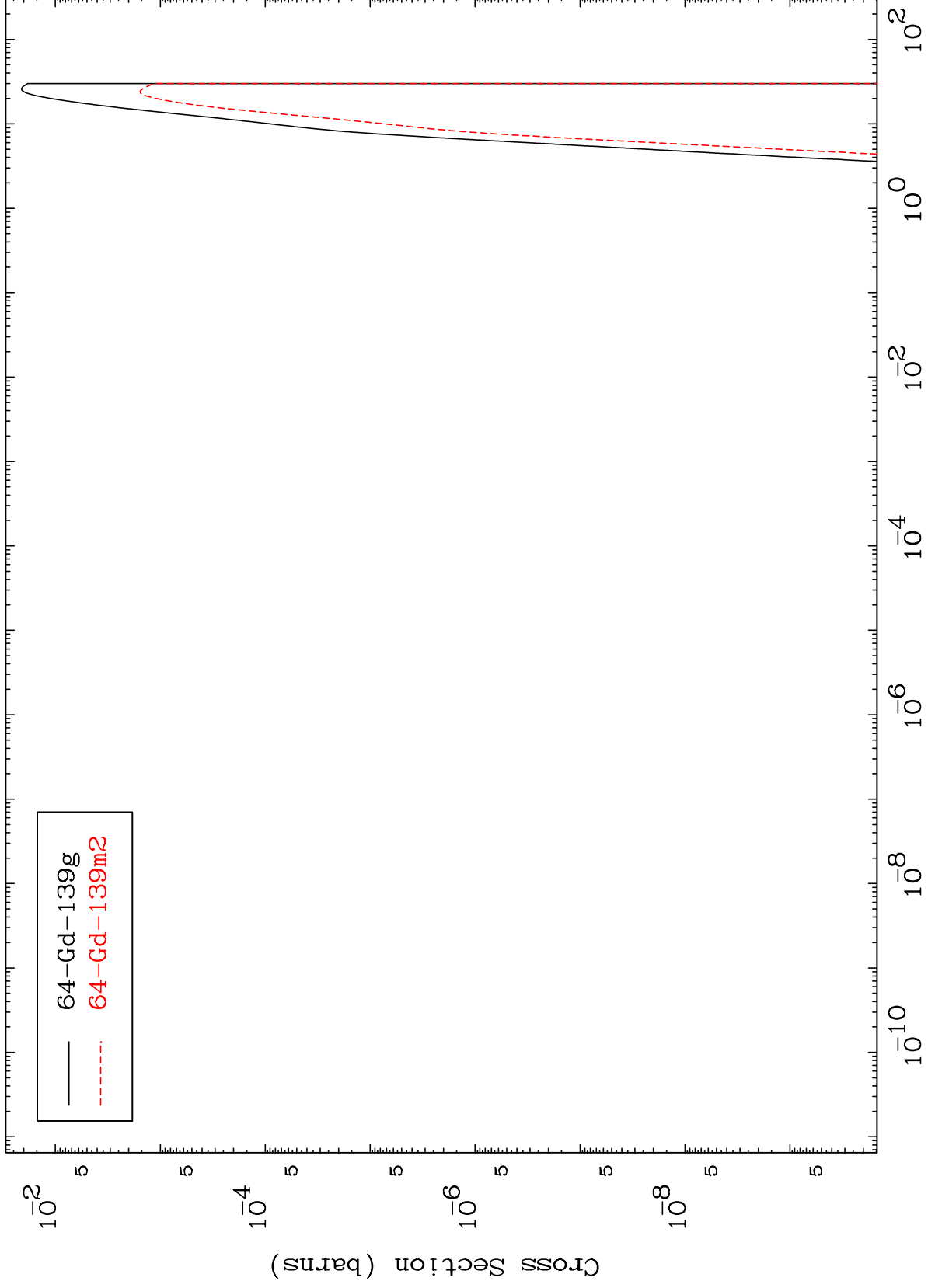
66-Dy-143

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$(n, n')$   $\alpha$

66-Dy-143

Radionuclide Production Cross Section



18

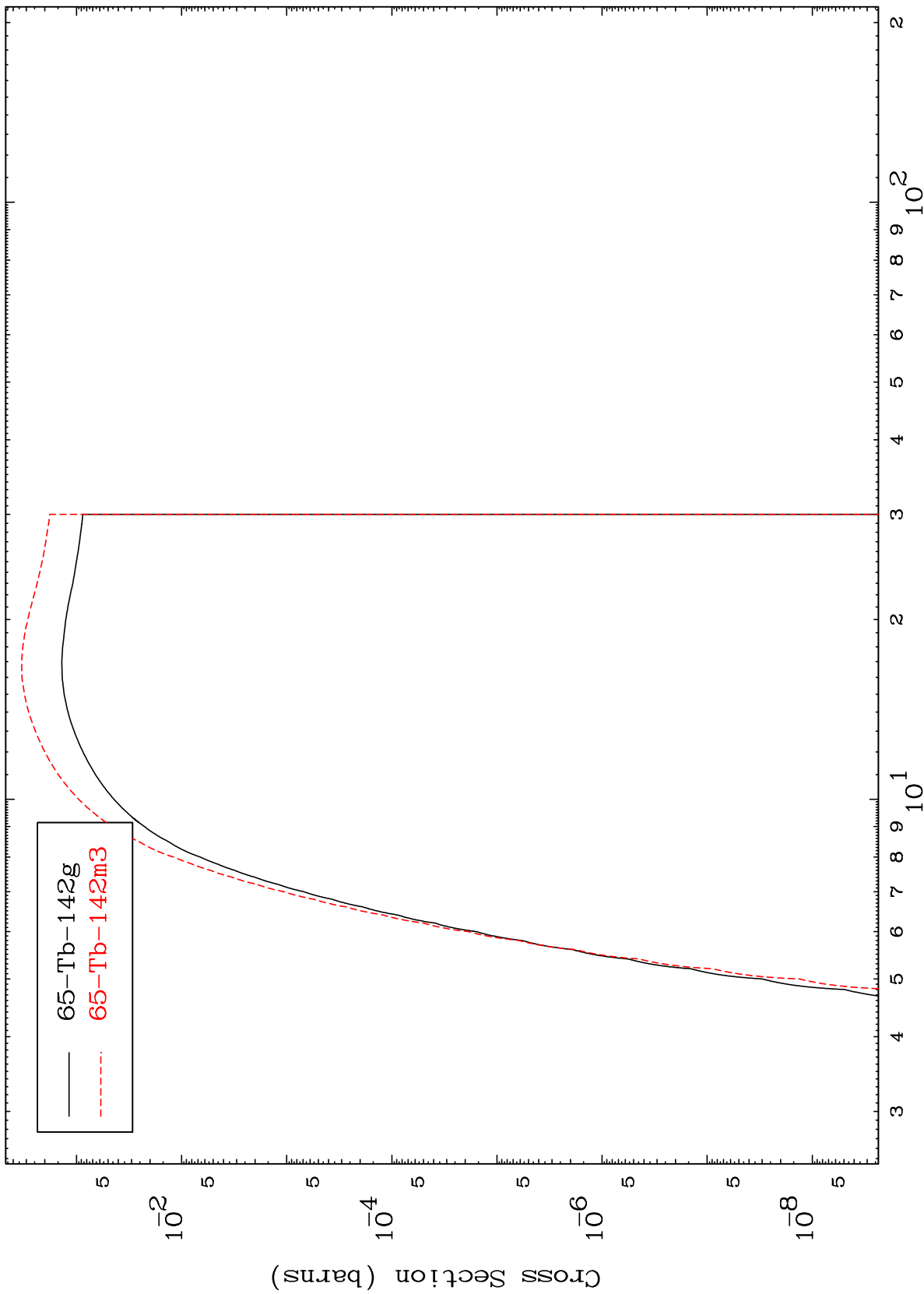
Incident Energy (MeV)

66-Dy-143

MAT 6587

66-Dy-143

(n,n') p  
Radionuclide Production Cross Section



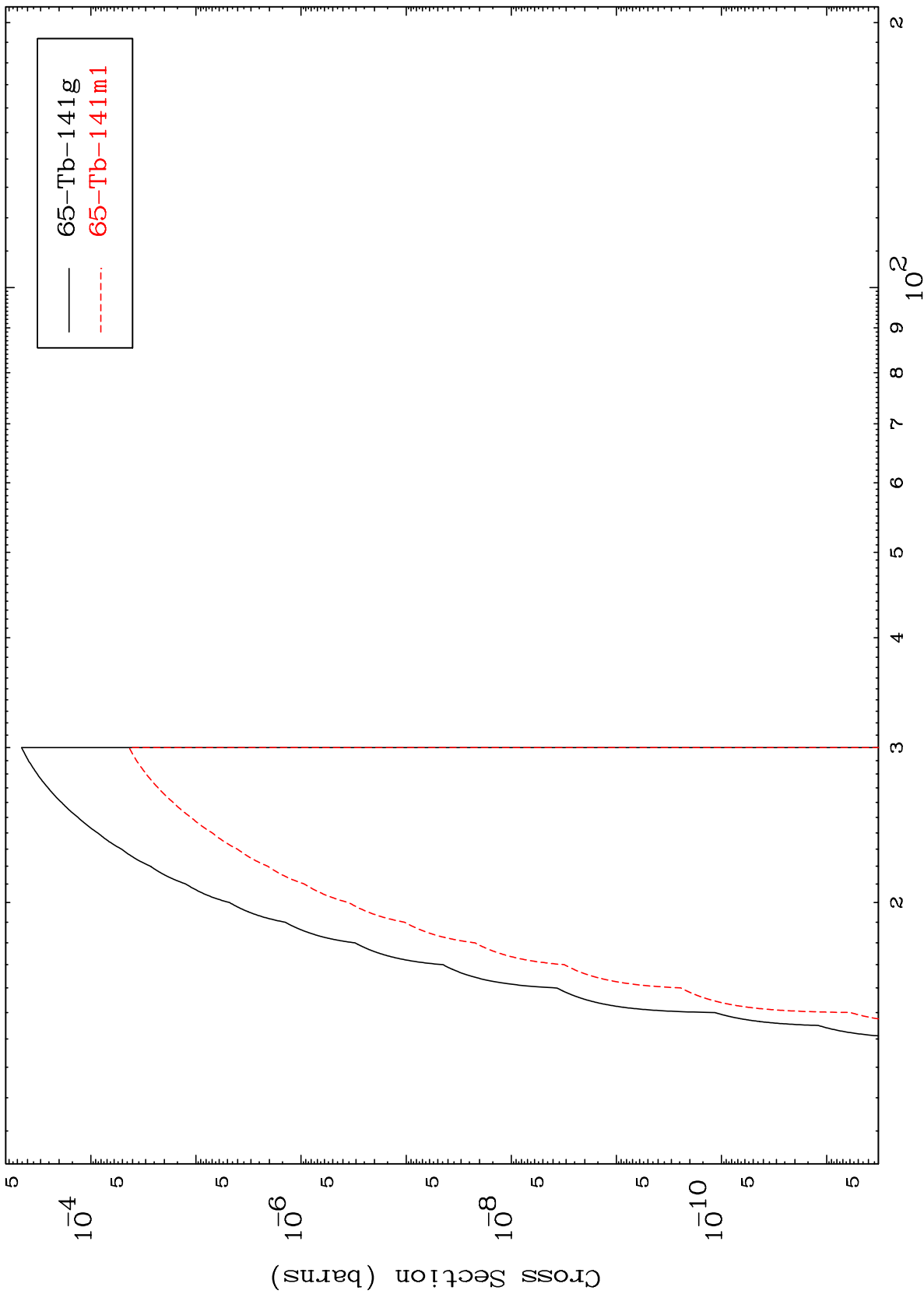
— 65-Tb-142g  
- - - 65-Tb-142m3

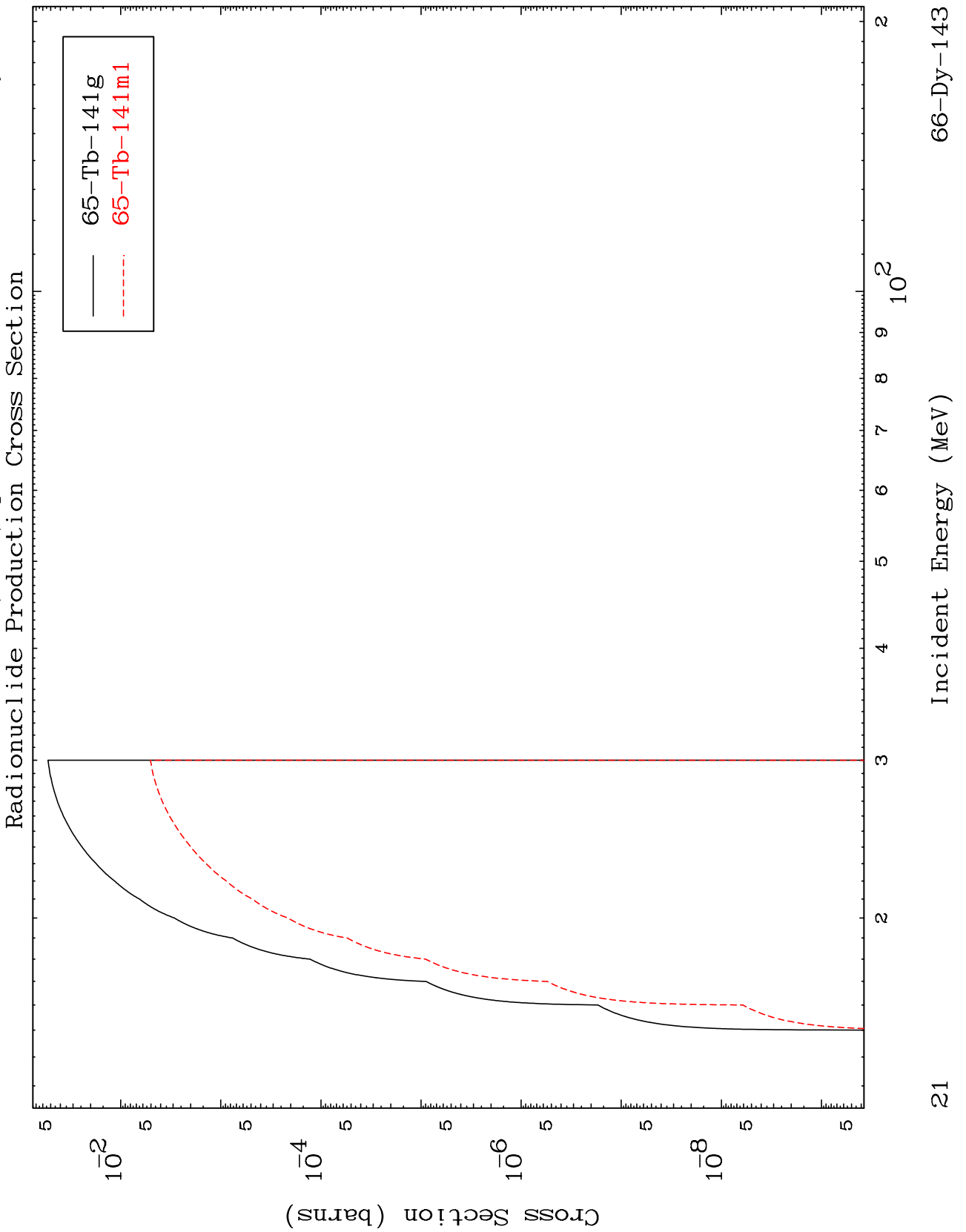
66-Dy-143

Incident Energy (MeV)

19

Radionuclide Production Cross Section



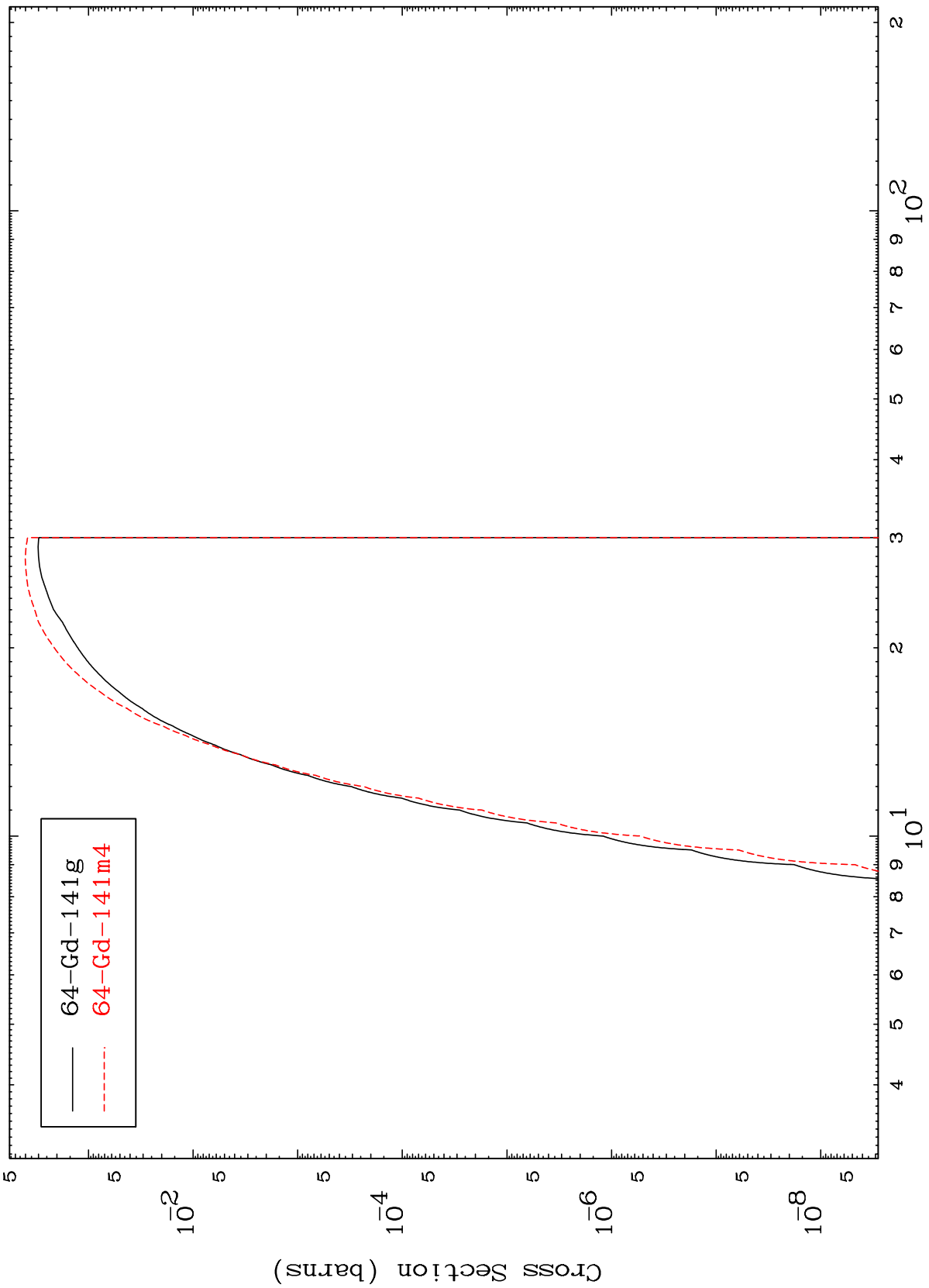


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(n,2n) p

66-Dy-143

Radionuclide Production Cross Section



64-Gd-141g  
64-Gd-141m4

22

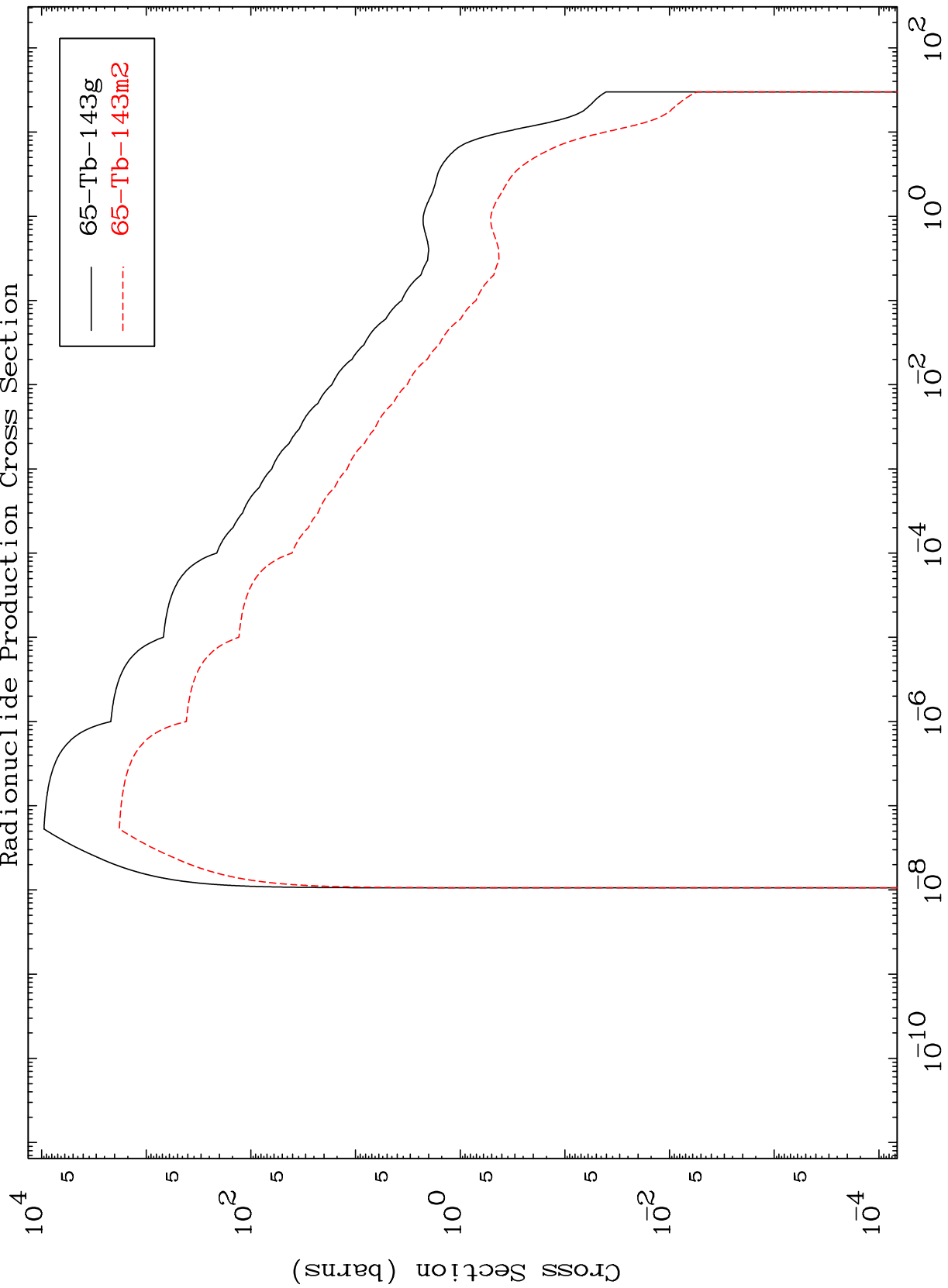
Incident Energy (MeV)

66-Dy-143

MAT 6587

66-Dy-143

(n,p)  
Radionuclide Production Cross Section



23

66-Dy-143

Incident Energy (MeV)

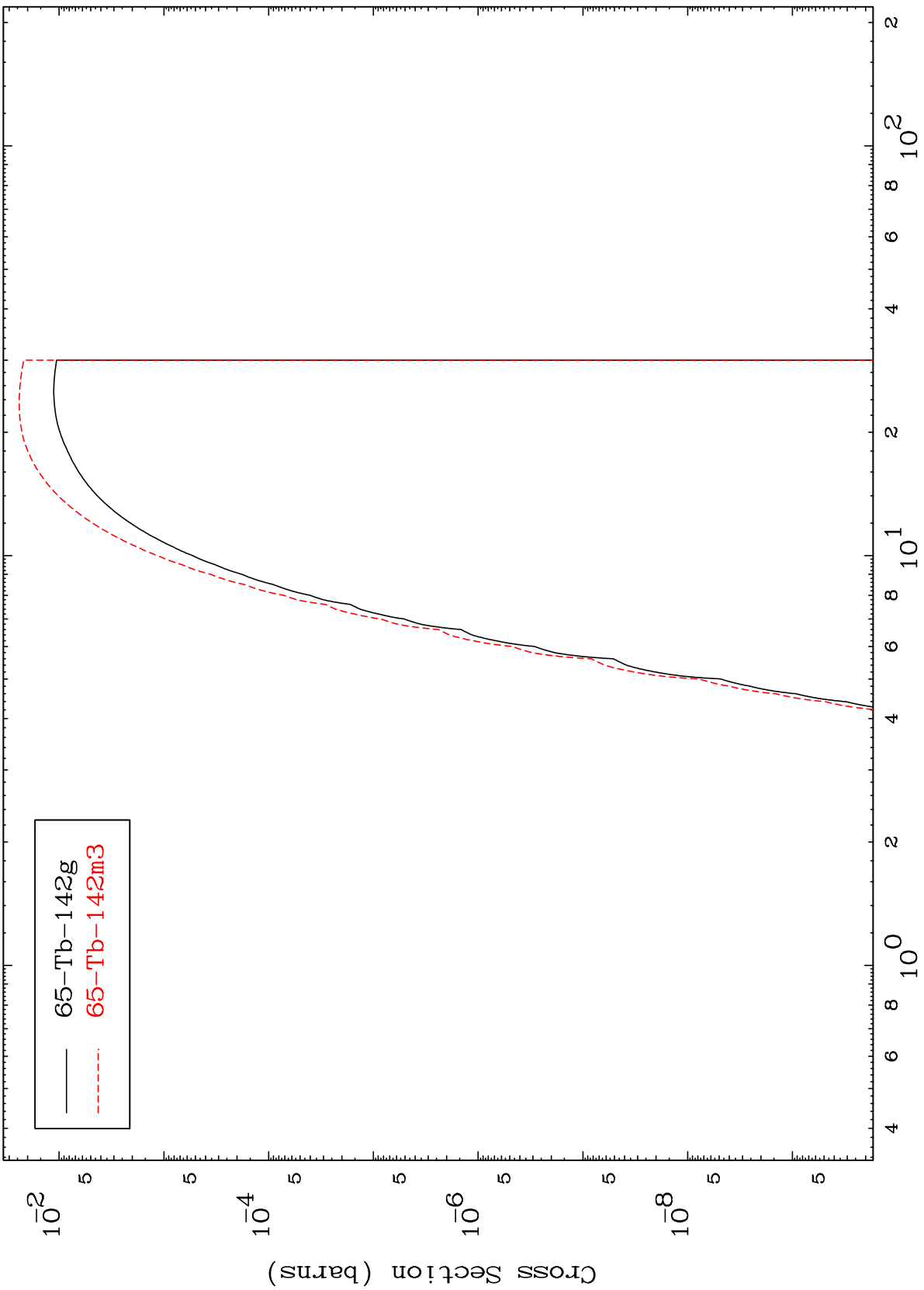


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(n,d)

66-Dy-143

Radionuclide Production Cross Section



65-Tb-142g  
65-Tb-142m3

24

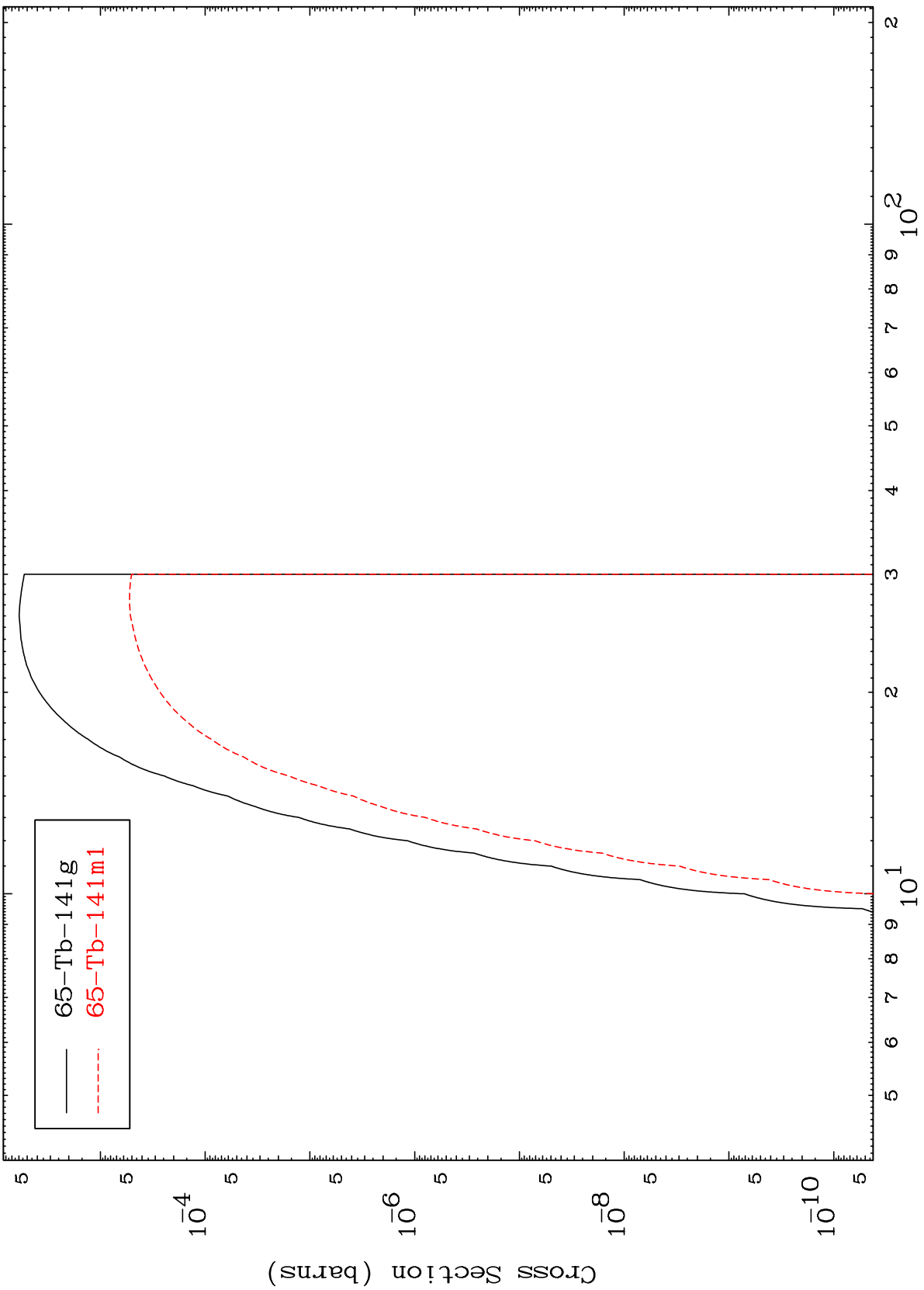
Incident Energy (MeV)

66-Dy-143

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66-Dy-143

(n, t)  
Radionuclide Production Cross Section



25

Incident Energy (MeV)

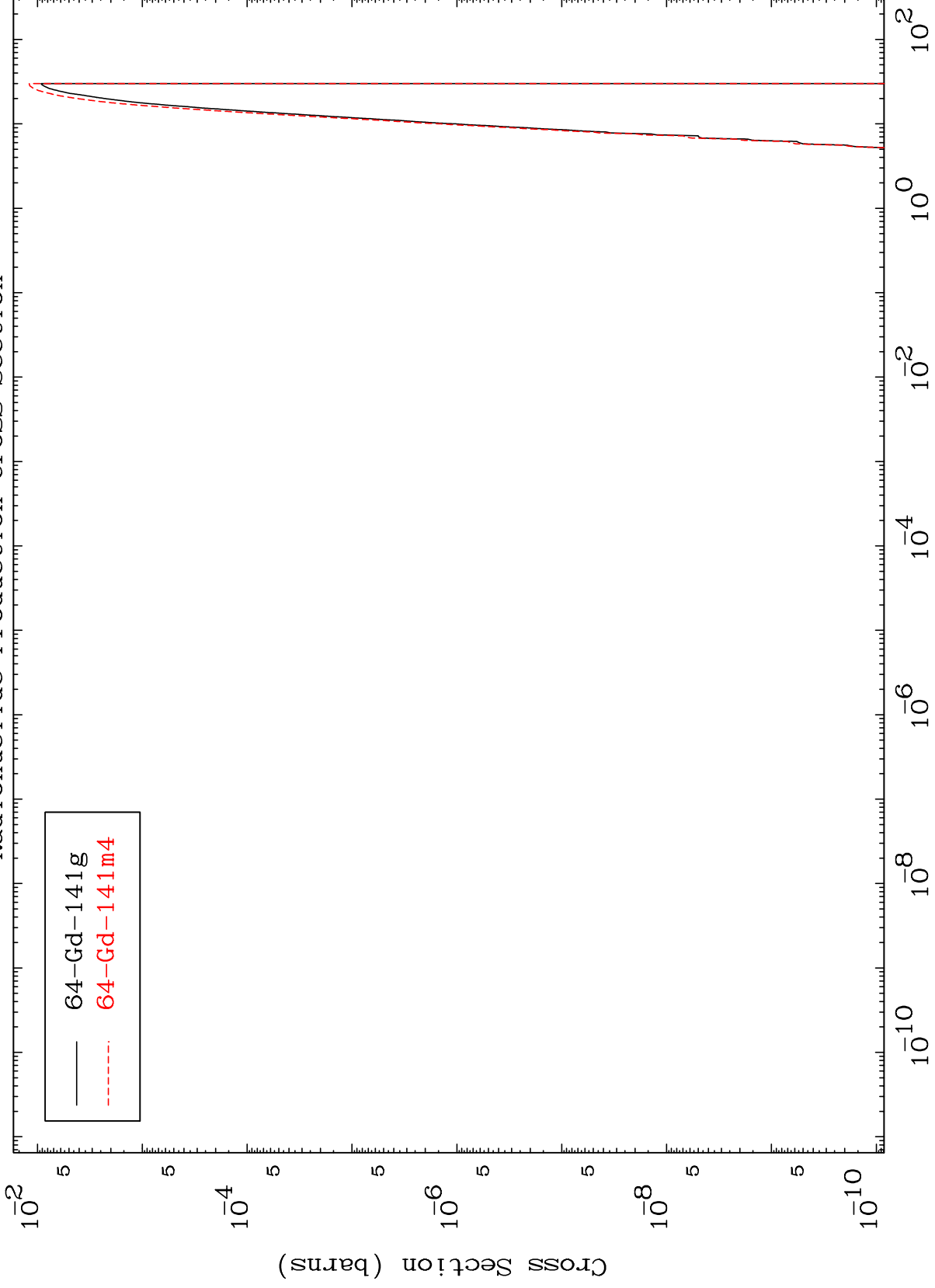
66-Dy-143

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(n,He-3)

66-Dy-143

Radionuclide Production Cross Section



26

Incident Energy (MeV)

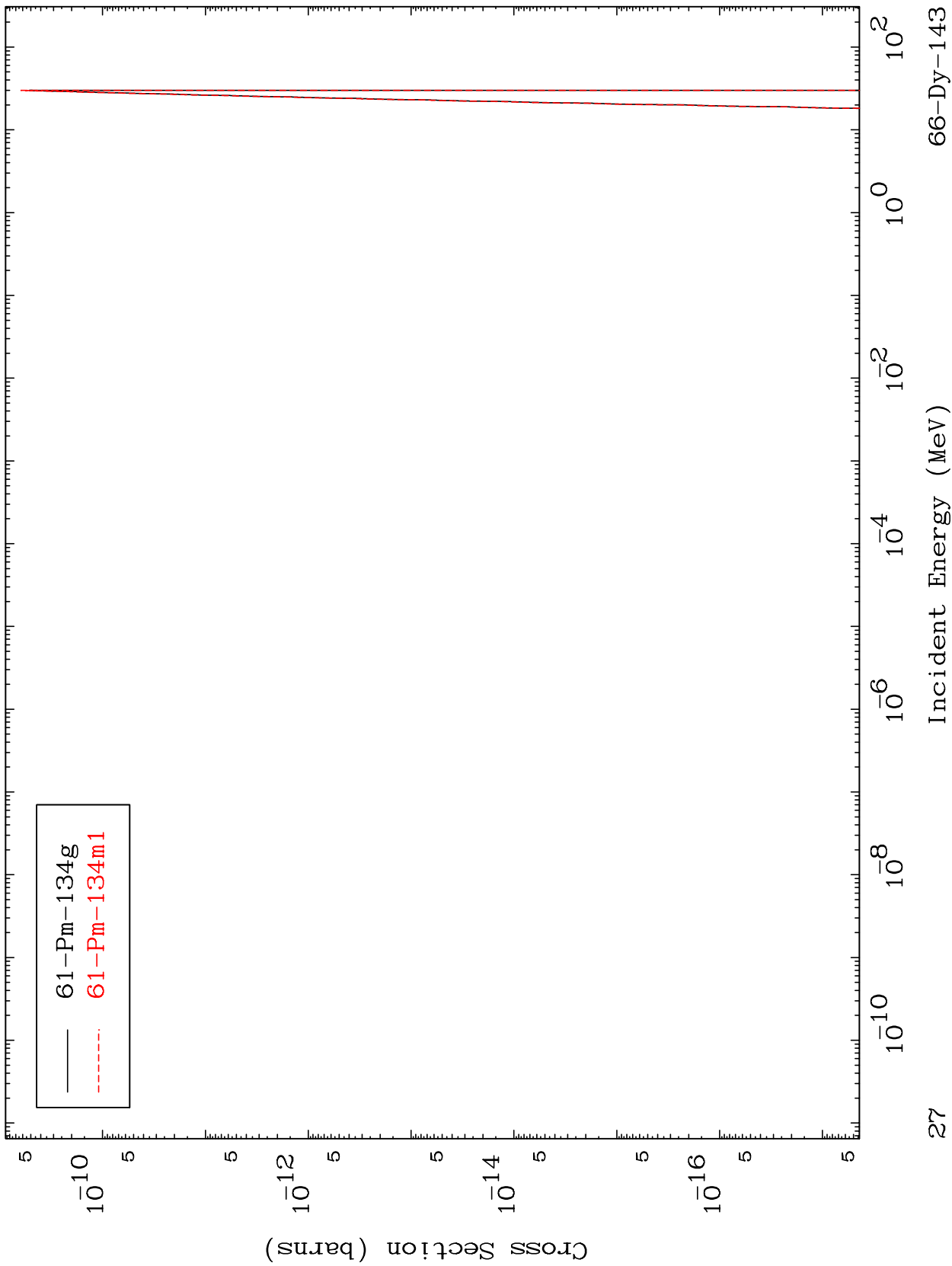
66-Dy-143

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(n,d)  $2\alpha$

66-Dy-143

Radionuclide Production Cross Section

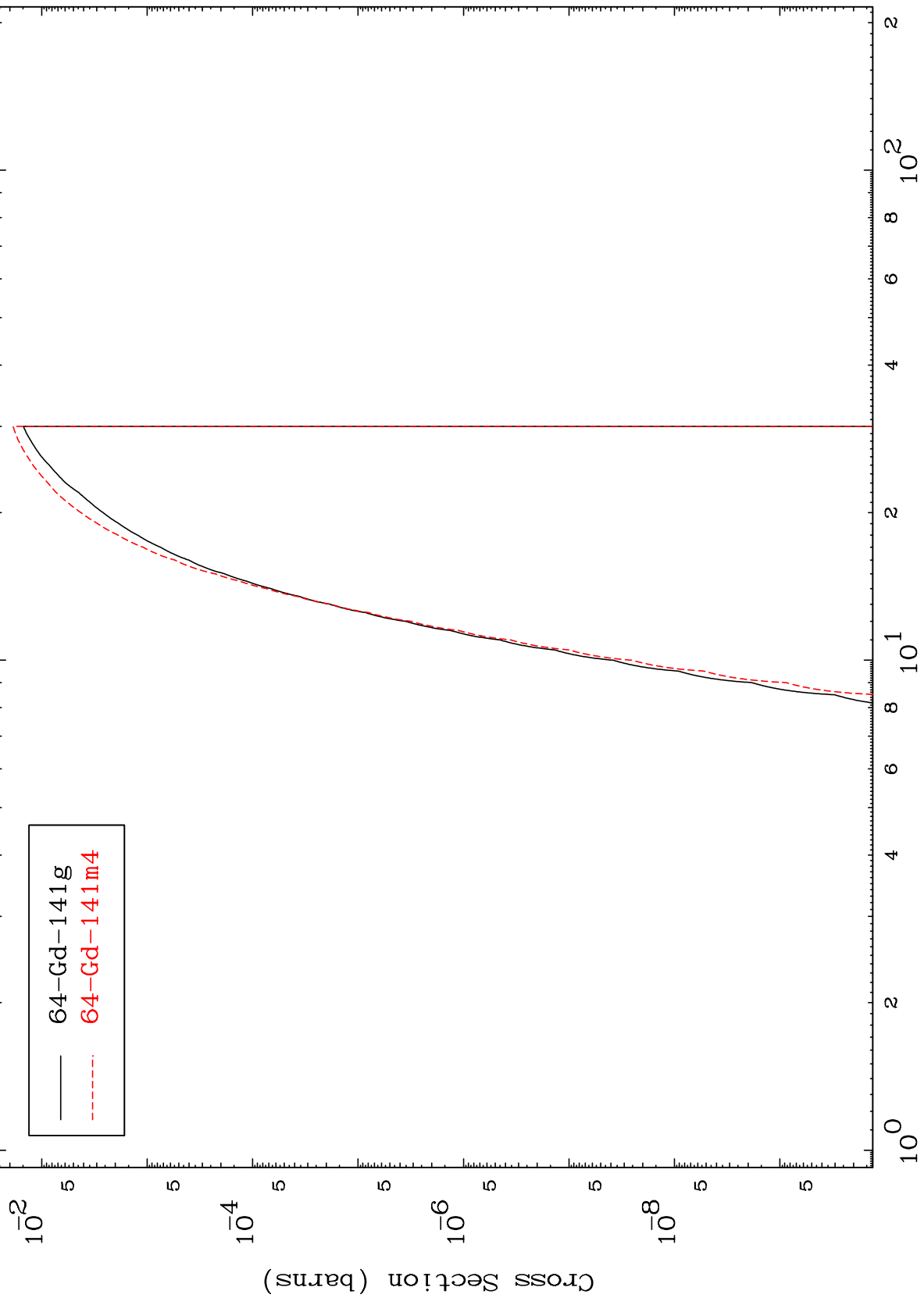


MAT 6587

(n,p) d

66-Dy-143

Radionuclide Production Cross Section



64-Gd-141g  
64-Gd-141m4

28

Incident Energy (MeV)

66-Dy-143