

Program EVALPLOT  
(Version 2015-2)

by

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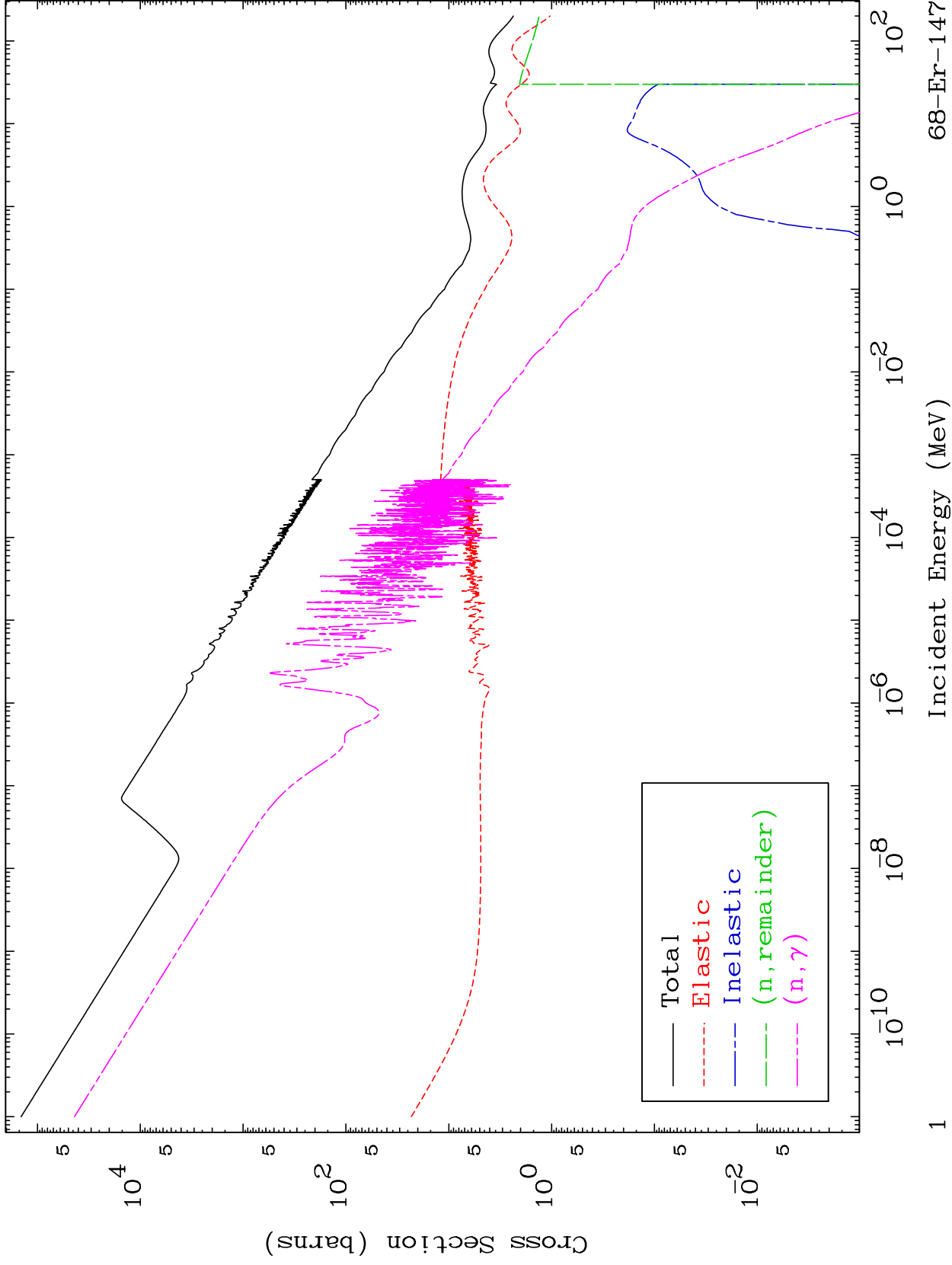
Press Mouse Button to Start

MAT 6781

Major

293 Kelvin Cross Sections

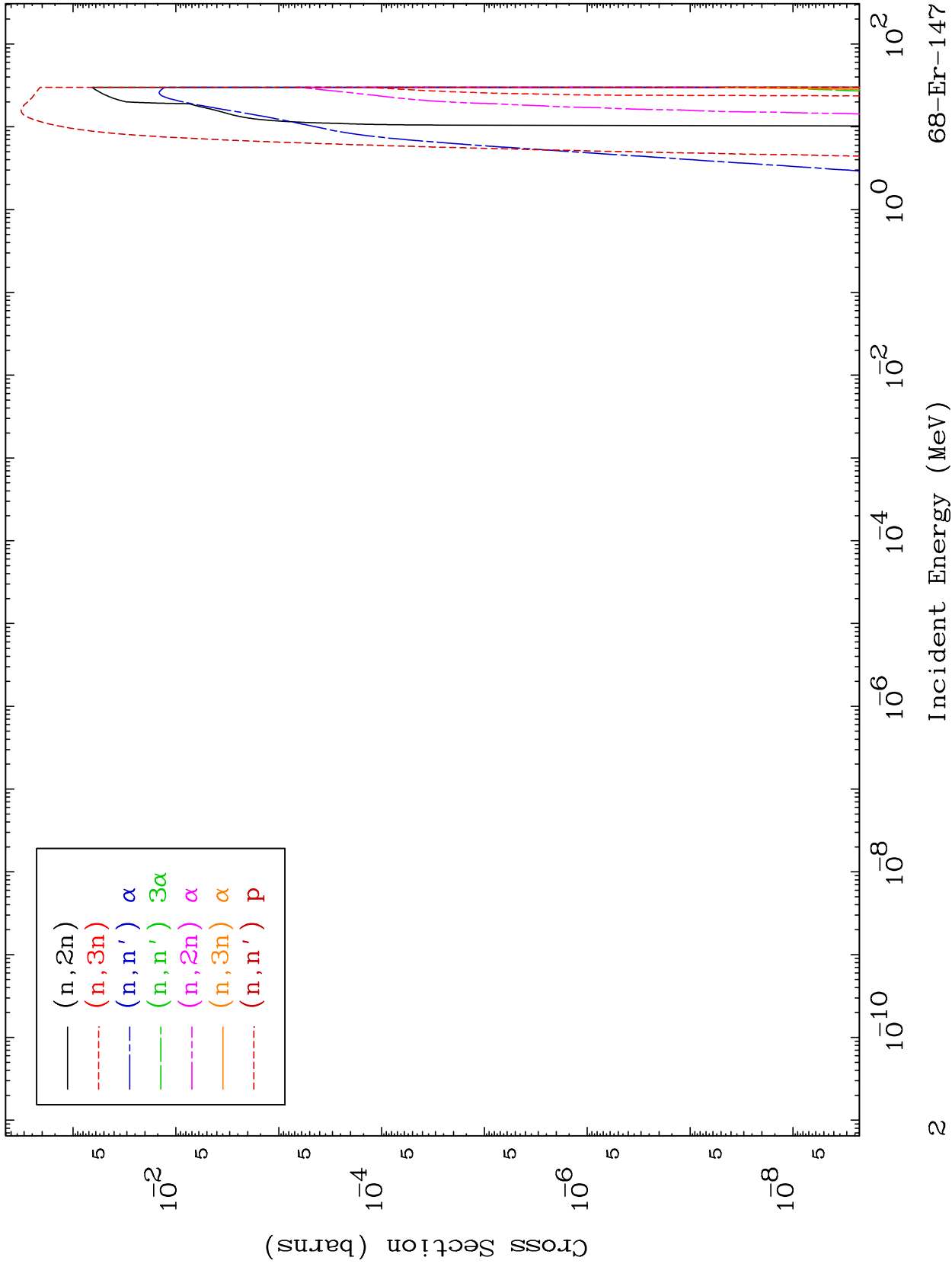
68-Er-147



MAT 6781

Neutron Production  
293 Kelvin Cross Sections

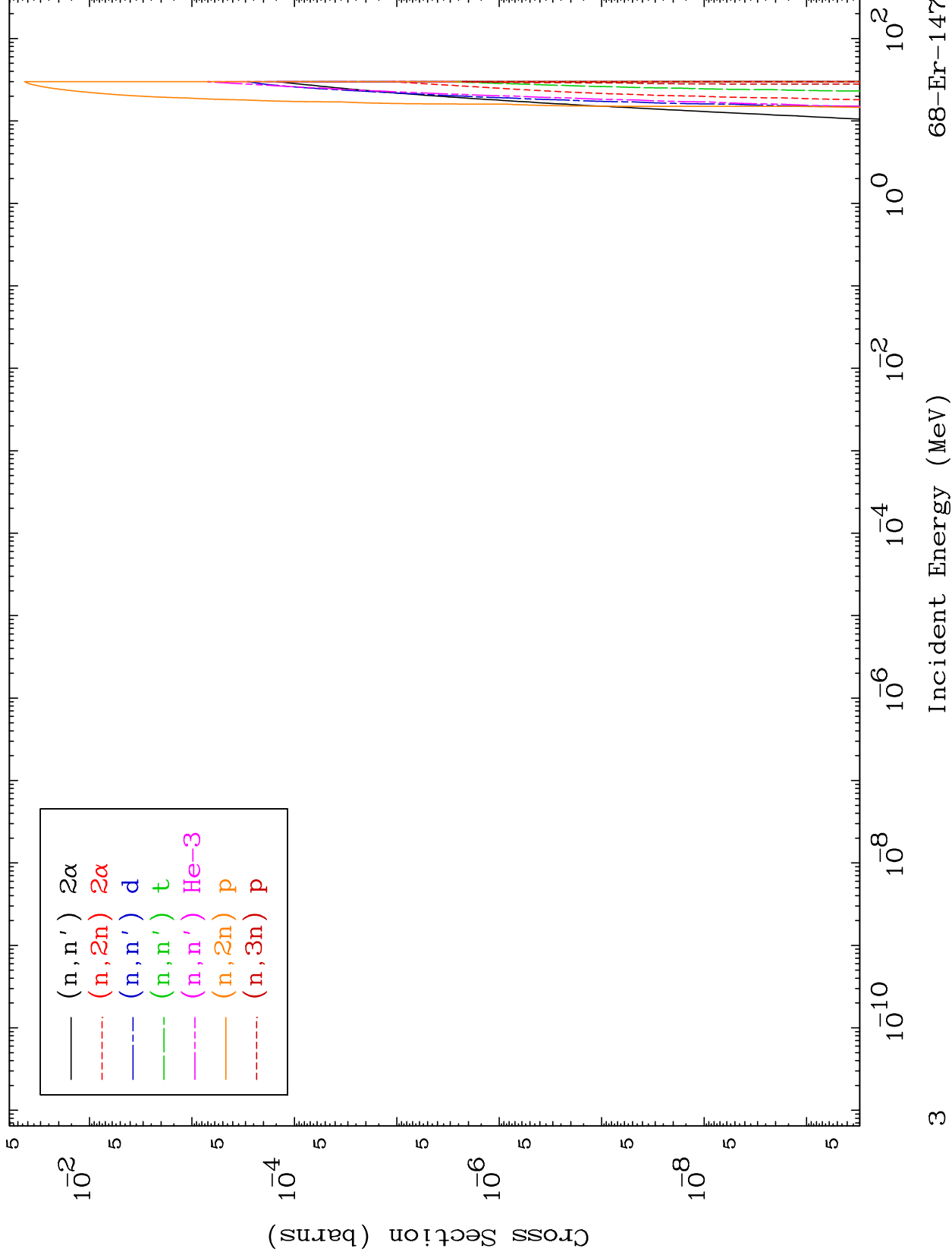
68-Er-147



MAT 6781

Neutron Production  
293 Kelvin Cross Sections

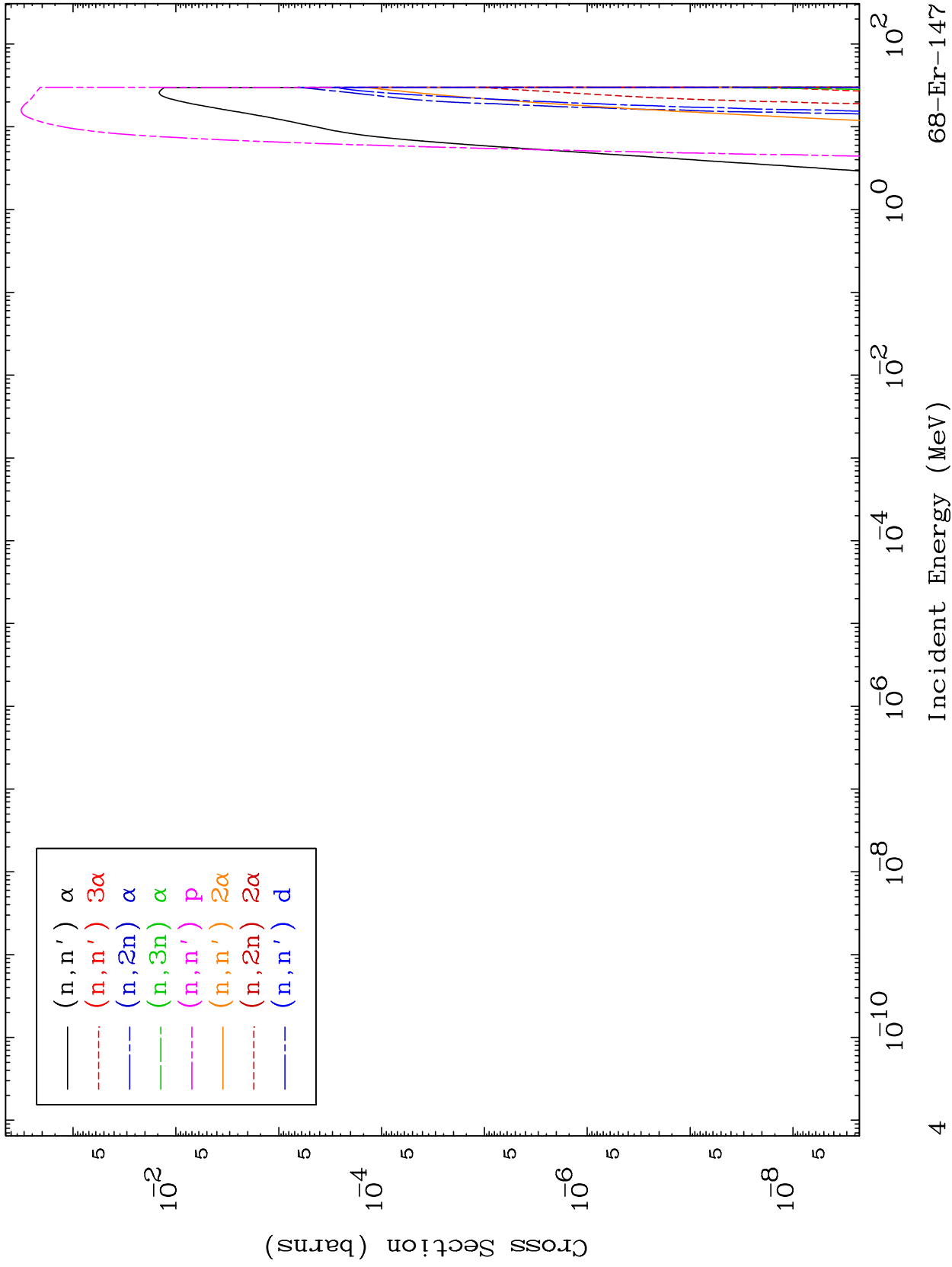
68-Er-147



MAT 6781

Charged Particle  
293 Kelvin Cross Sections

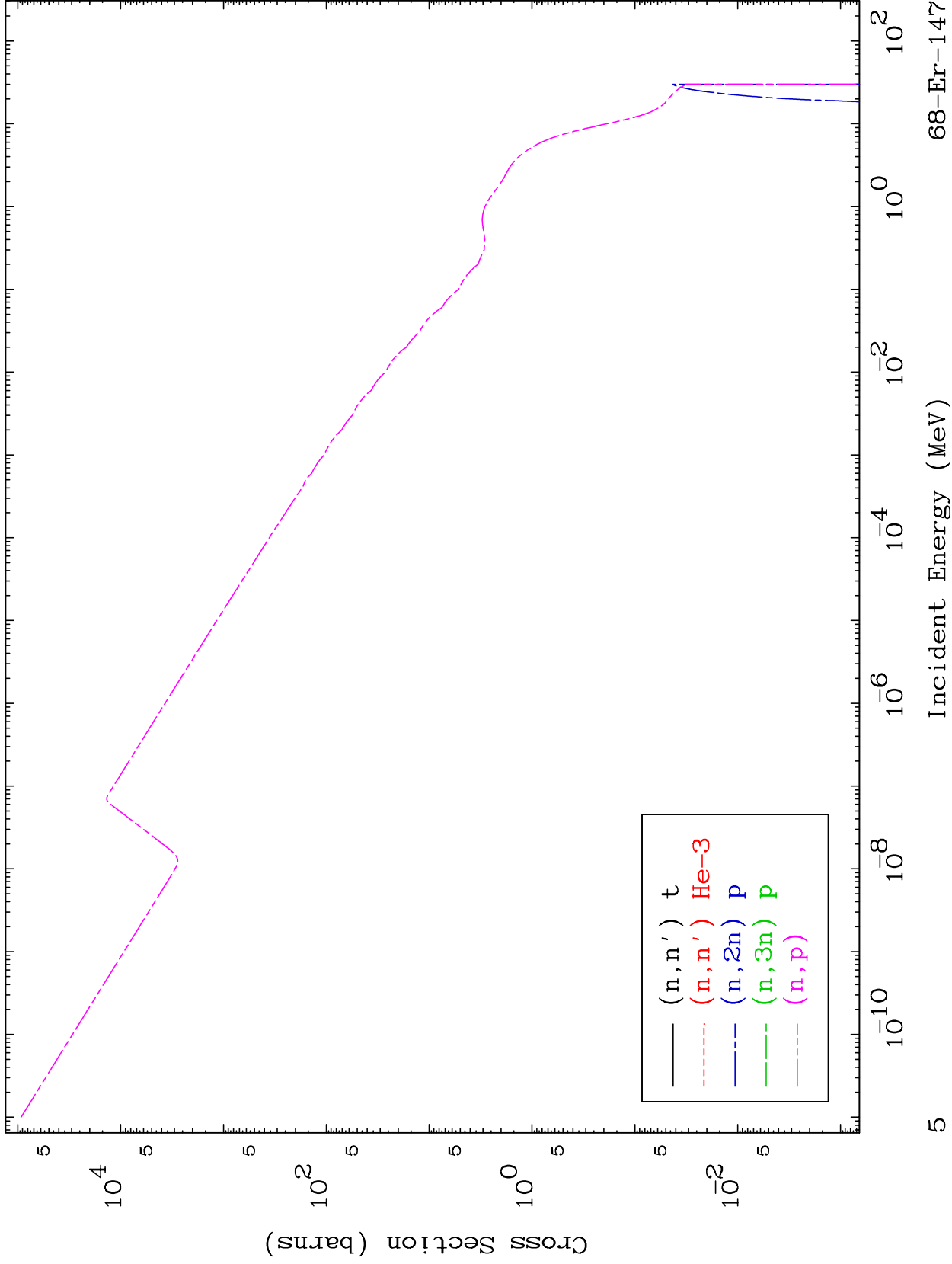
68-Er-147

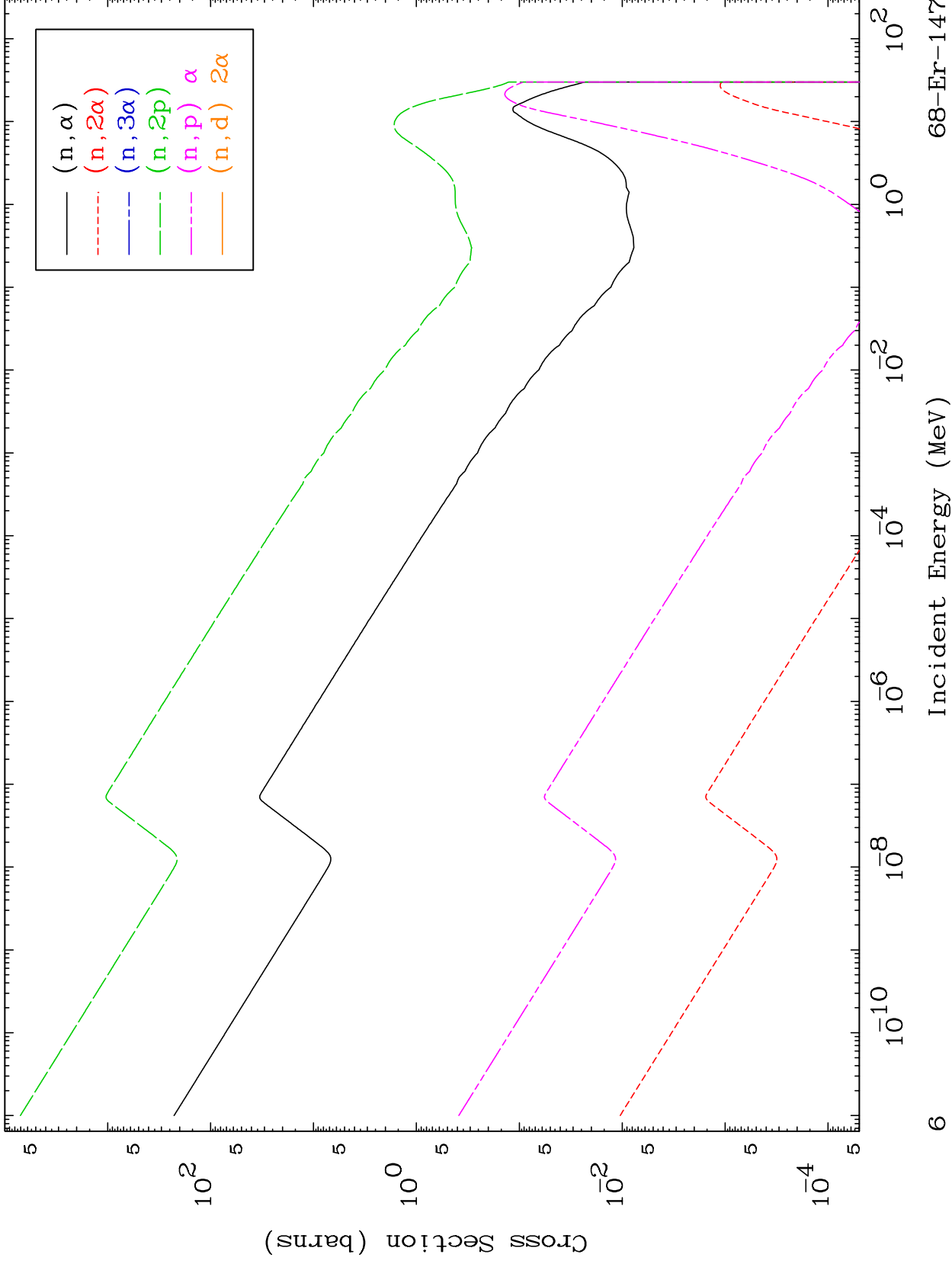


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Charged Particle  
293 Kelvin Cross Sections

68-Er-147

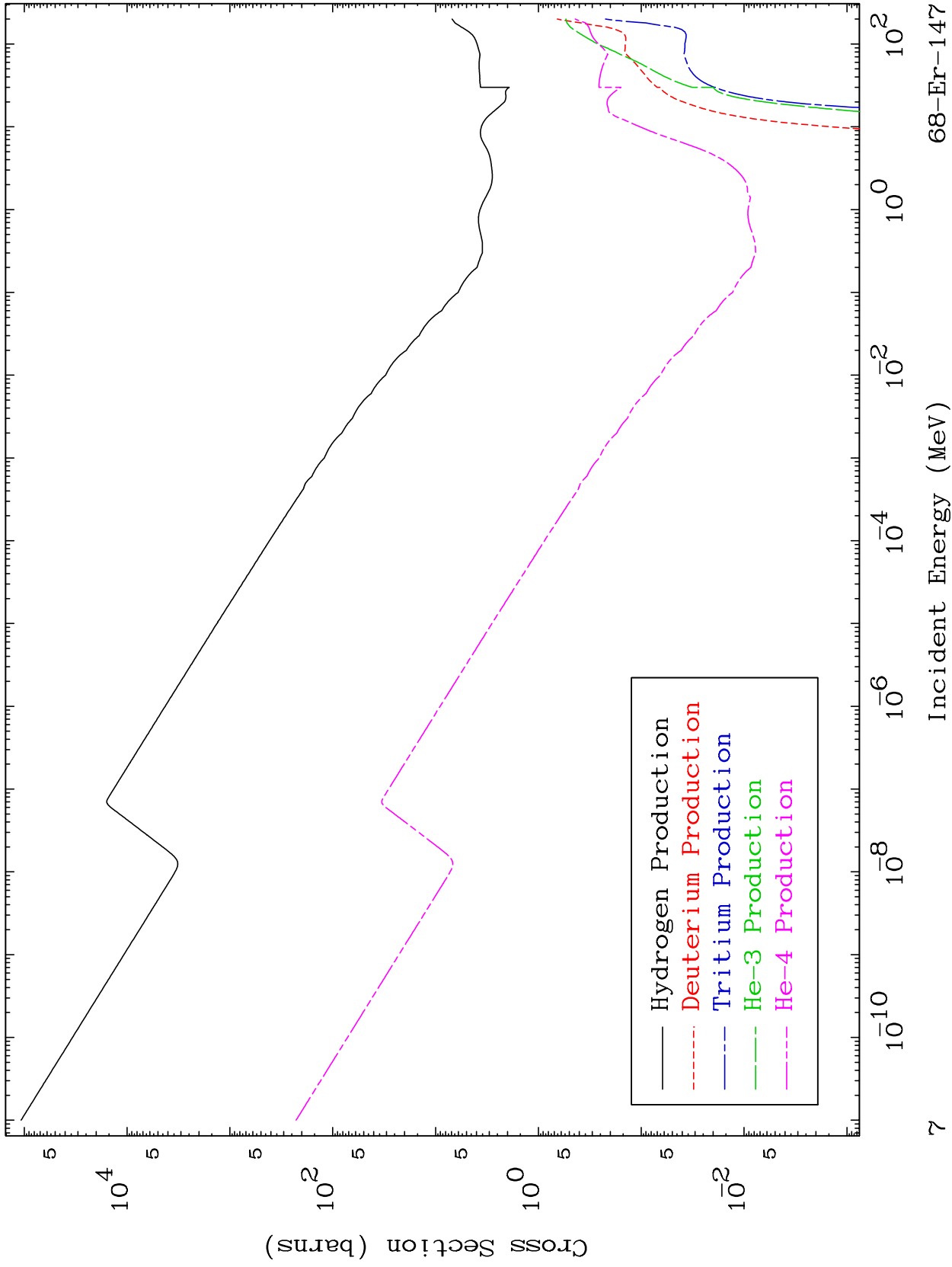




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Particle Production  
293 Kelvin Cross Sections

68-Er-147

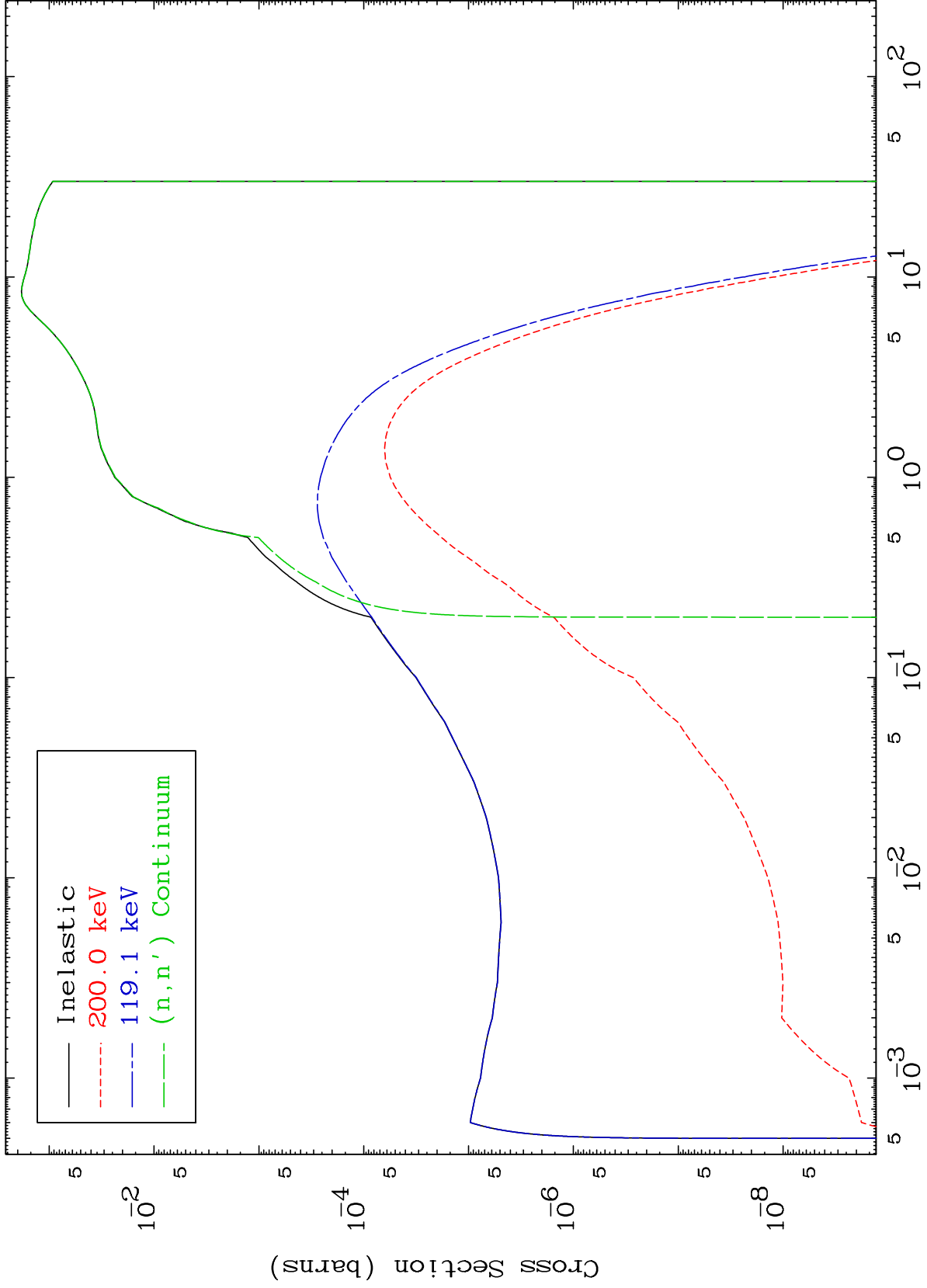




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293 Kelvin Cross Sections  
(n,n') Level

68-Er-147



8

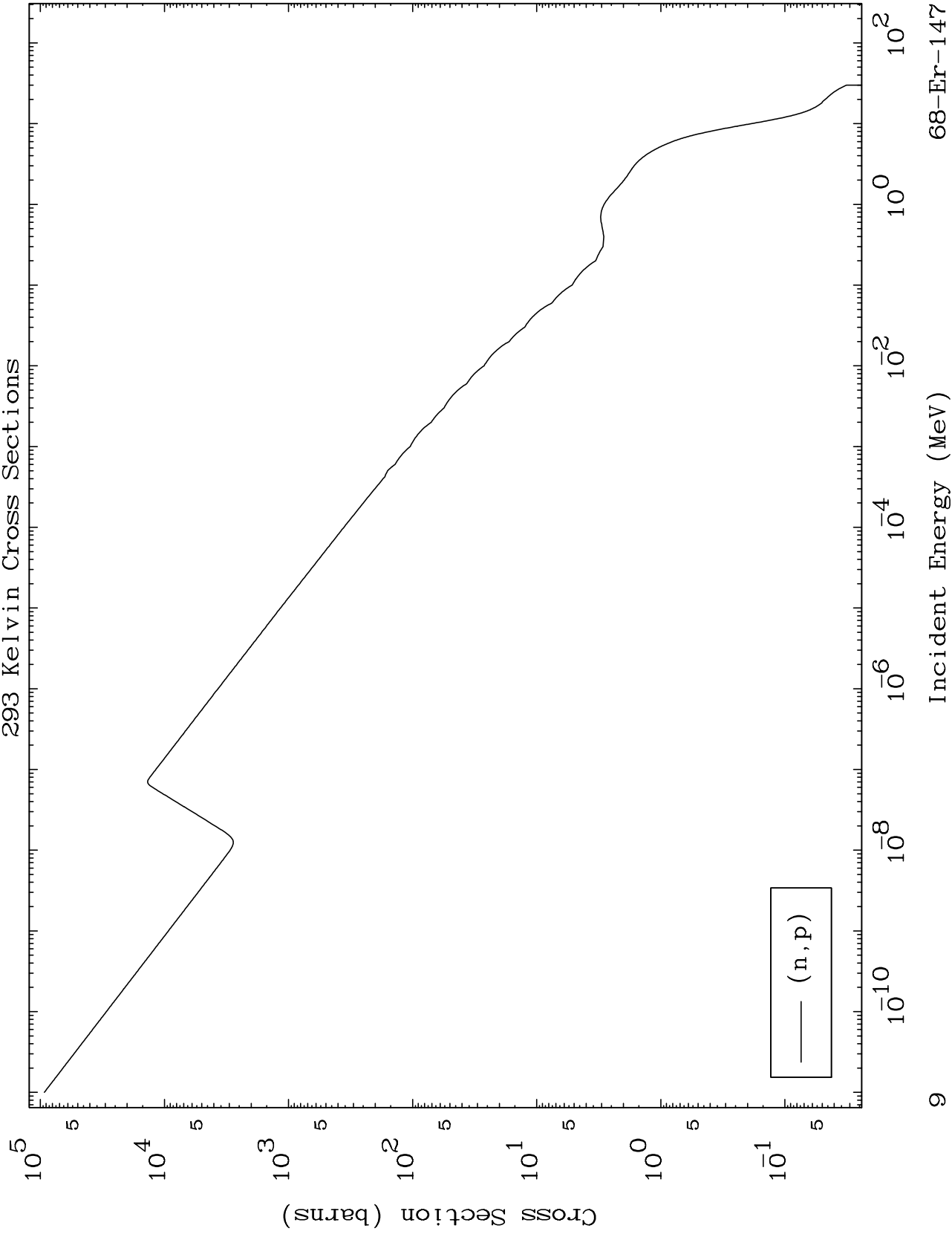
Incident Energy (MeV)

68-Er-147

MAT 6781

(n,p) Levels  
293 Kelvin Cross Sections

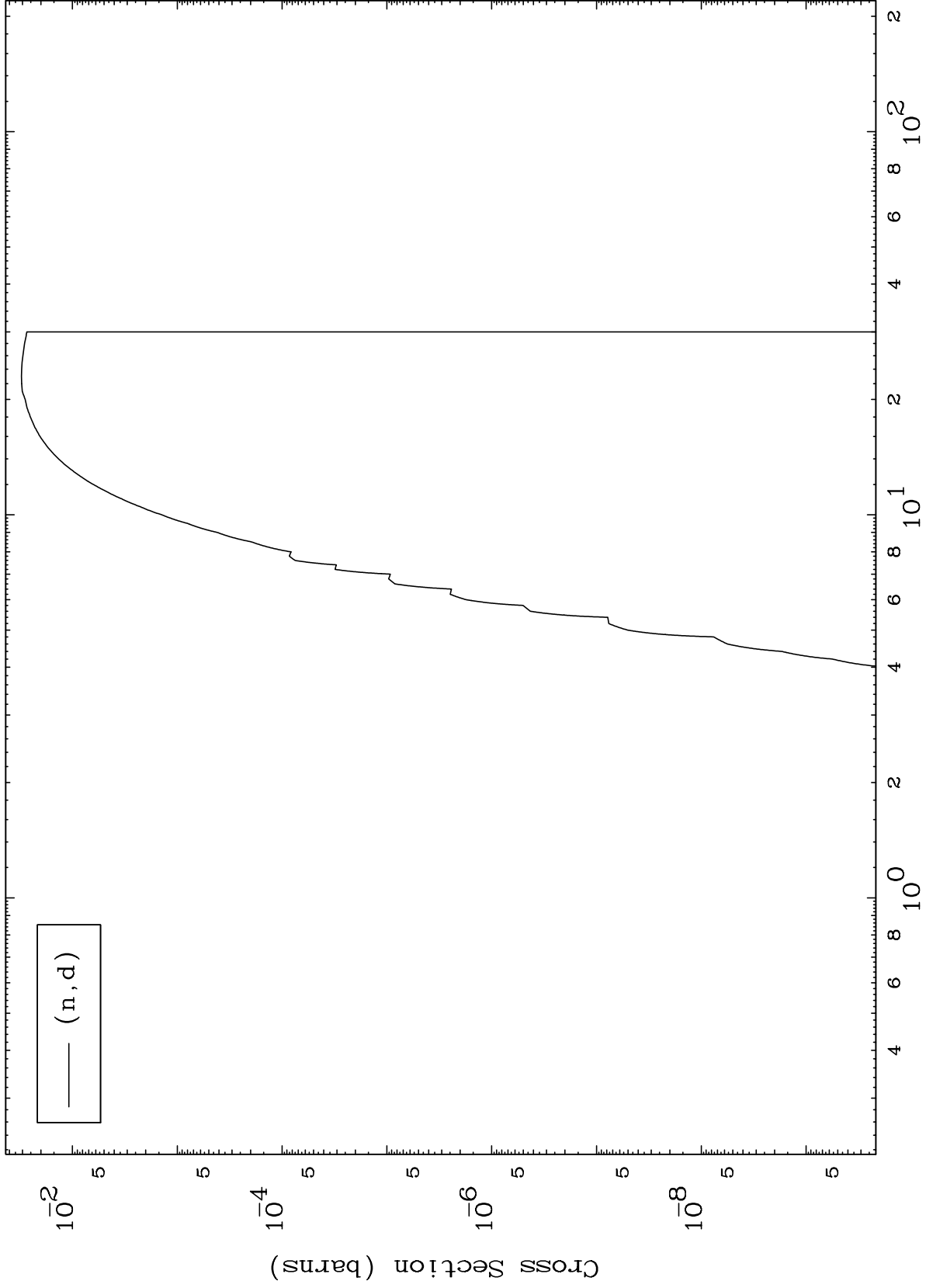
68-Er-147



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(n,d) Levels  
293 Kelvin Cross Sections

68-Er-147



10

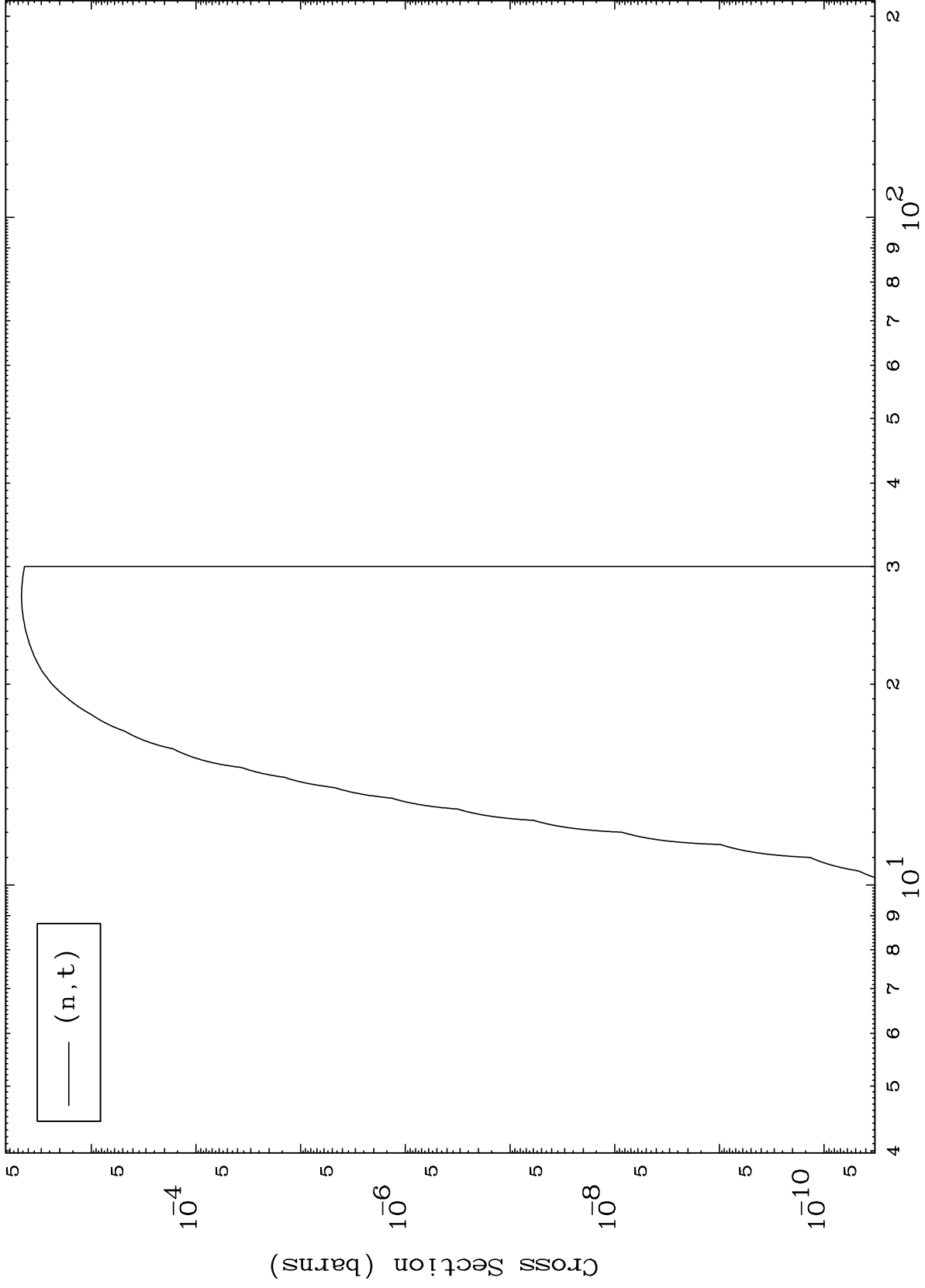
Incident Energy (MeV)

68-Er-147

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(n,t) Levels  
293 Kelvin Cross Sections

68-Er-147



11

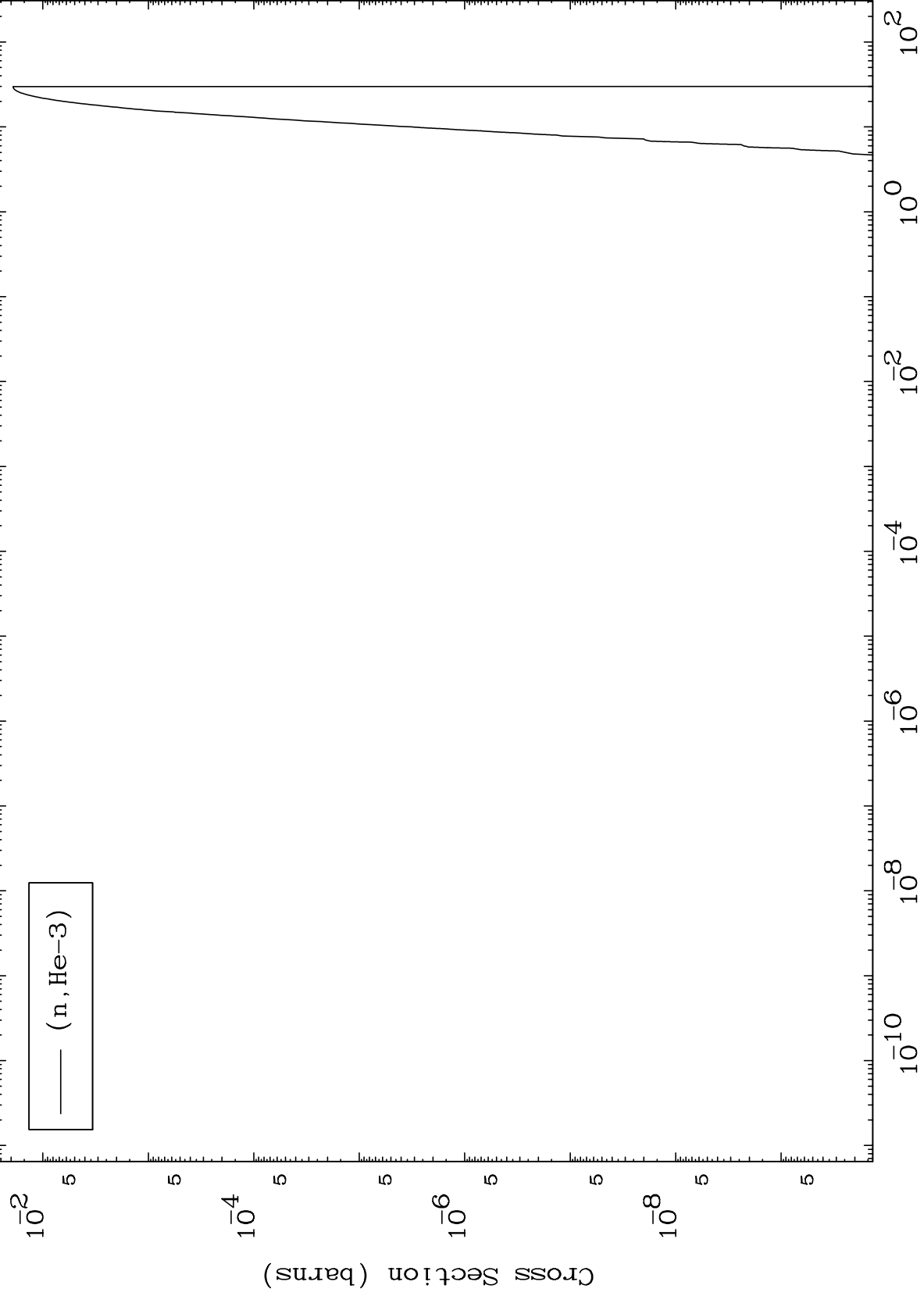
Incident Energy (MeV)

68-Er-147

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(n,He3) Levels  
293 Kelvin Cross Sections

68-Er-147



12

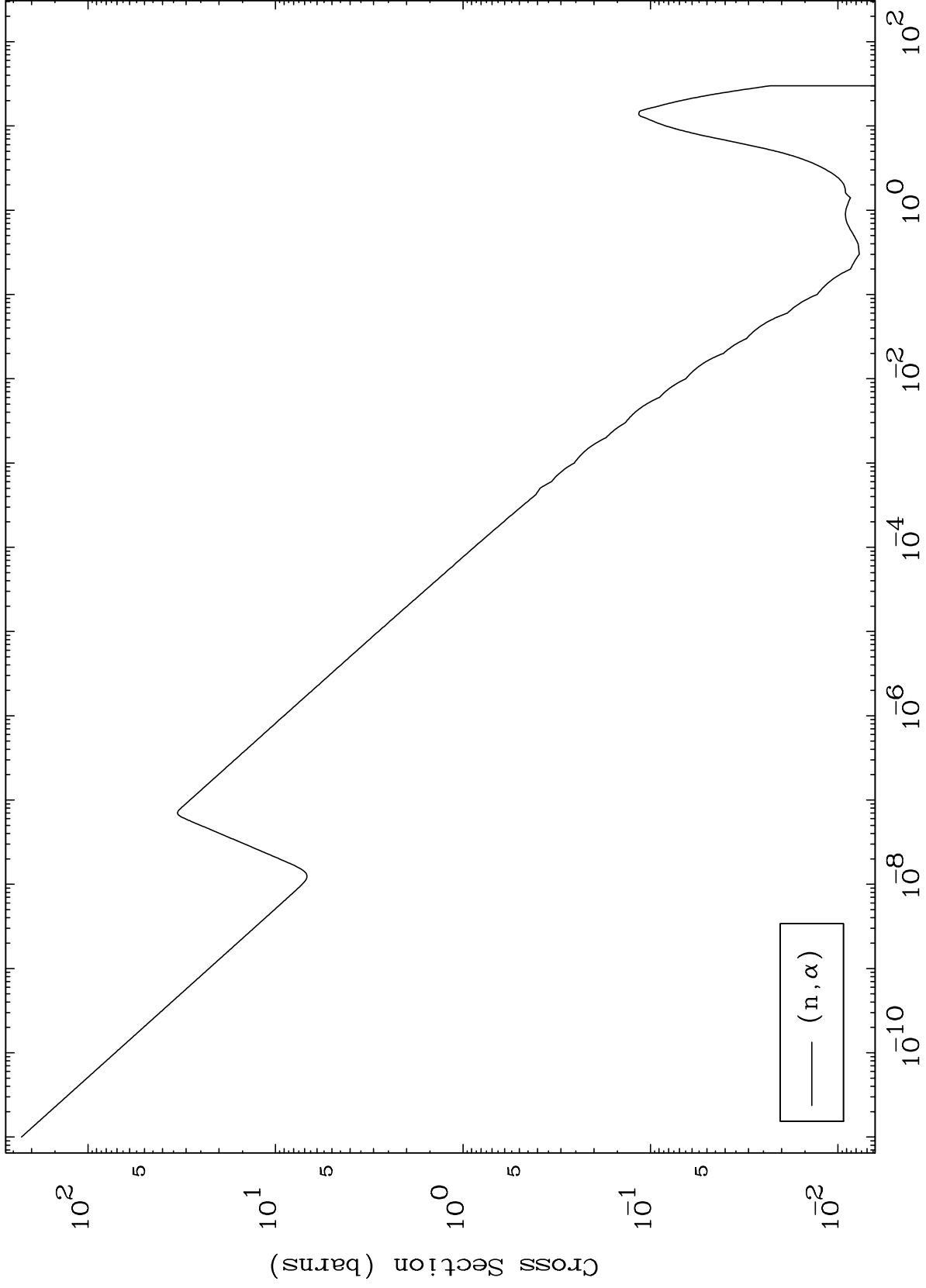
Incident Energy (MeV)

68-Er-147

MAT 6781

(n,α) Levels  
293 Kelvin Cross Sections

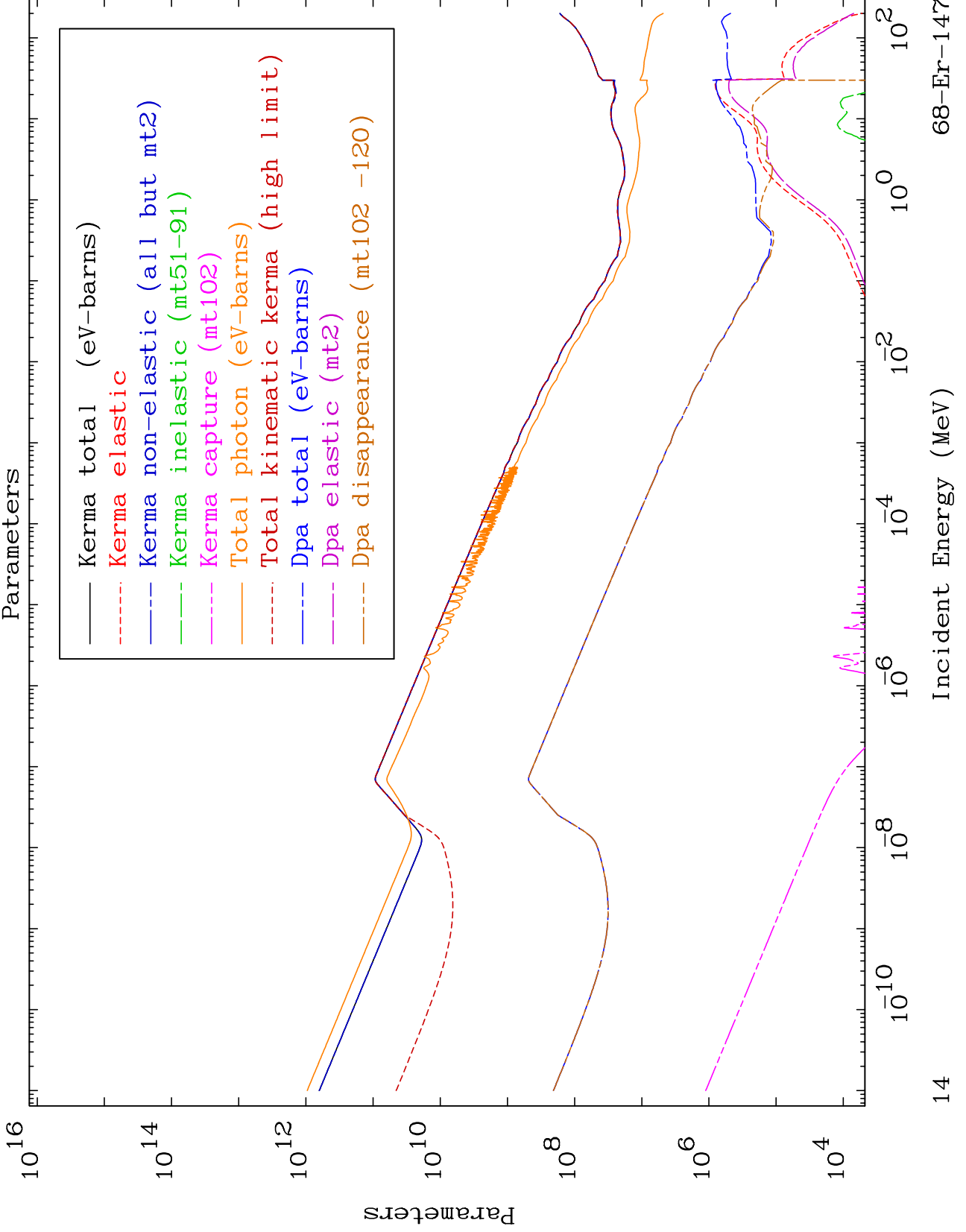
68-Er-147



13

Incident Energy (MeV)

68-Er-147



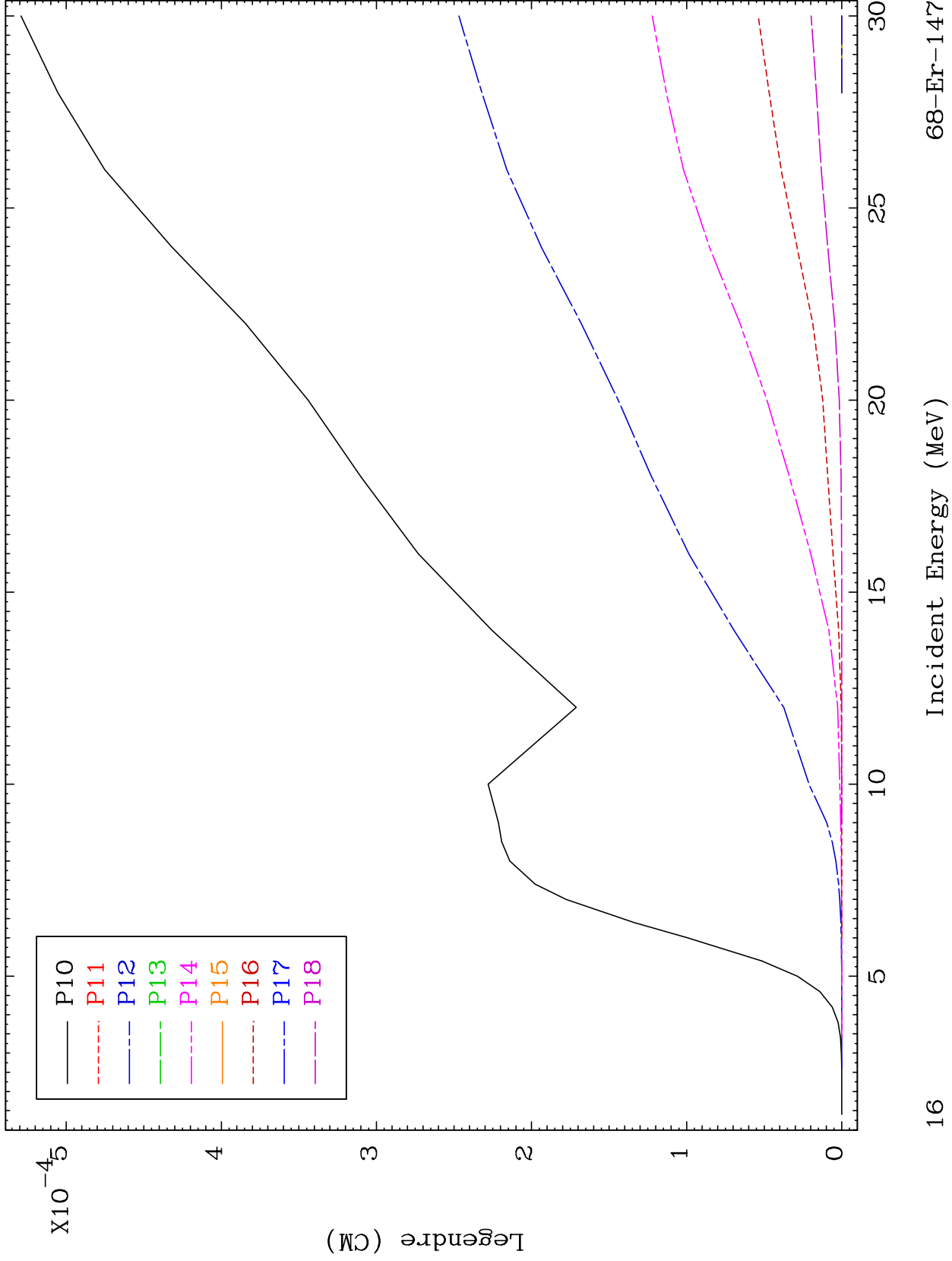




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Elastic Legendre Coefficients

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16

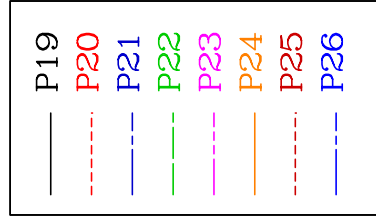
Incident Energy (MeV)

68-Er-147

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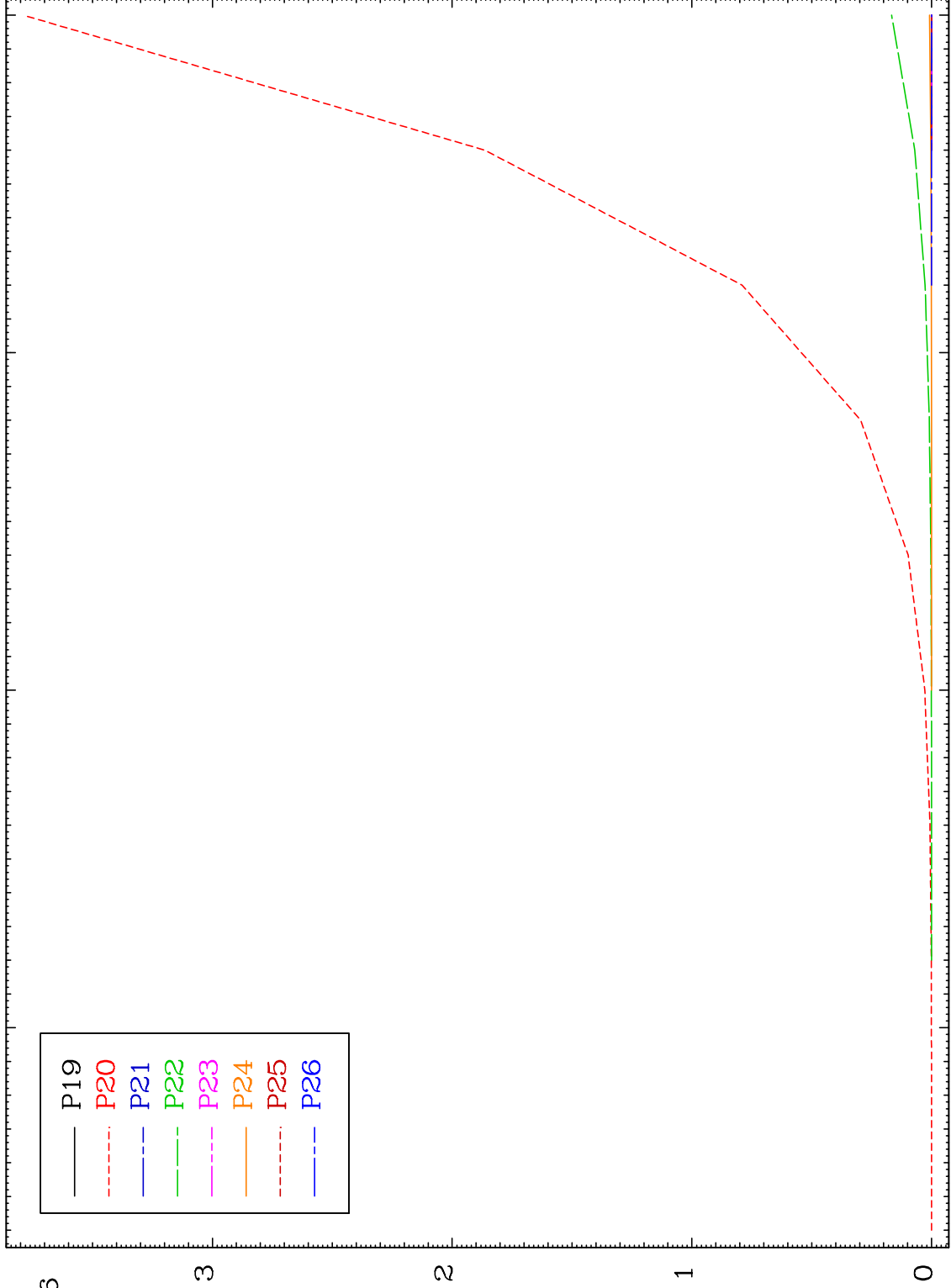
Elastic  
Legendre Coefficients

68-Er-147



$\times 10^{-6}$

Legendre (CM)



17

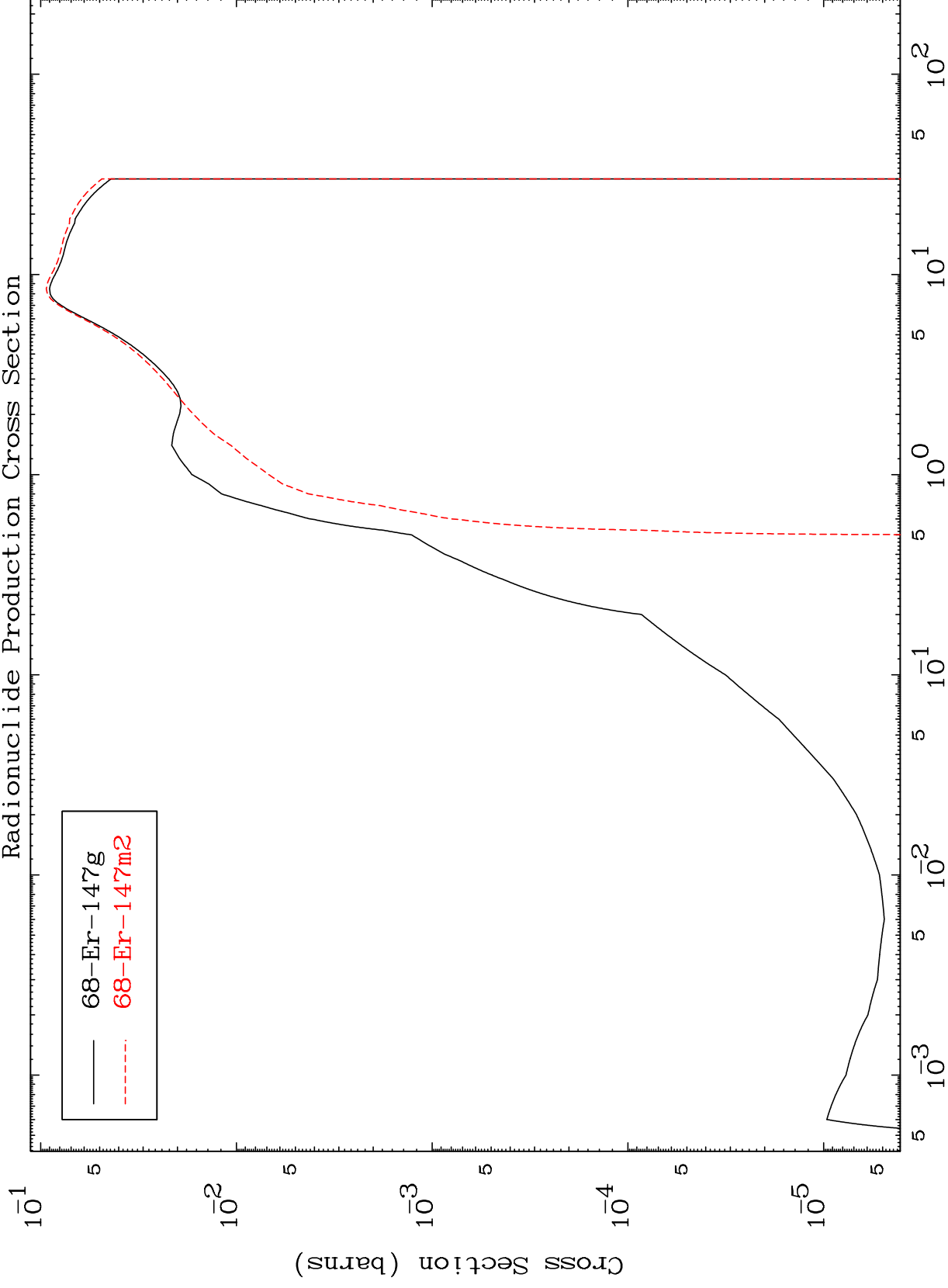
Incident Energy (MeV)

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68-Er-147

Inelastic  
Radionuclide Production Cross Section



68-Er-147g  
68-Er-147m2

68-Er-147

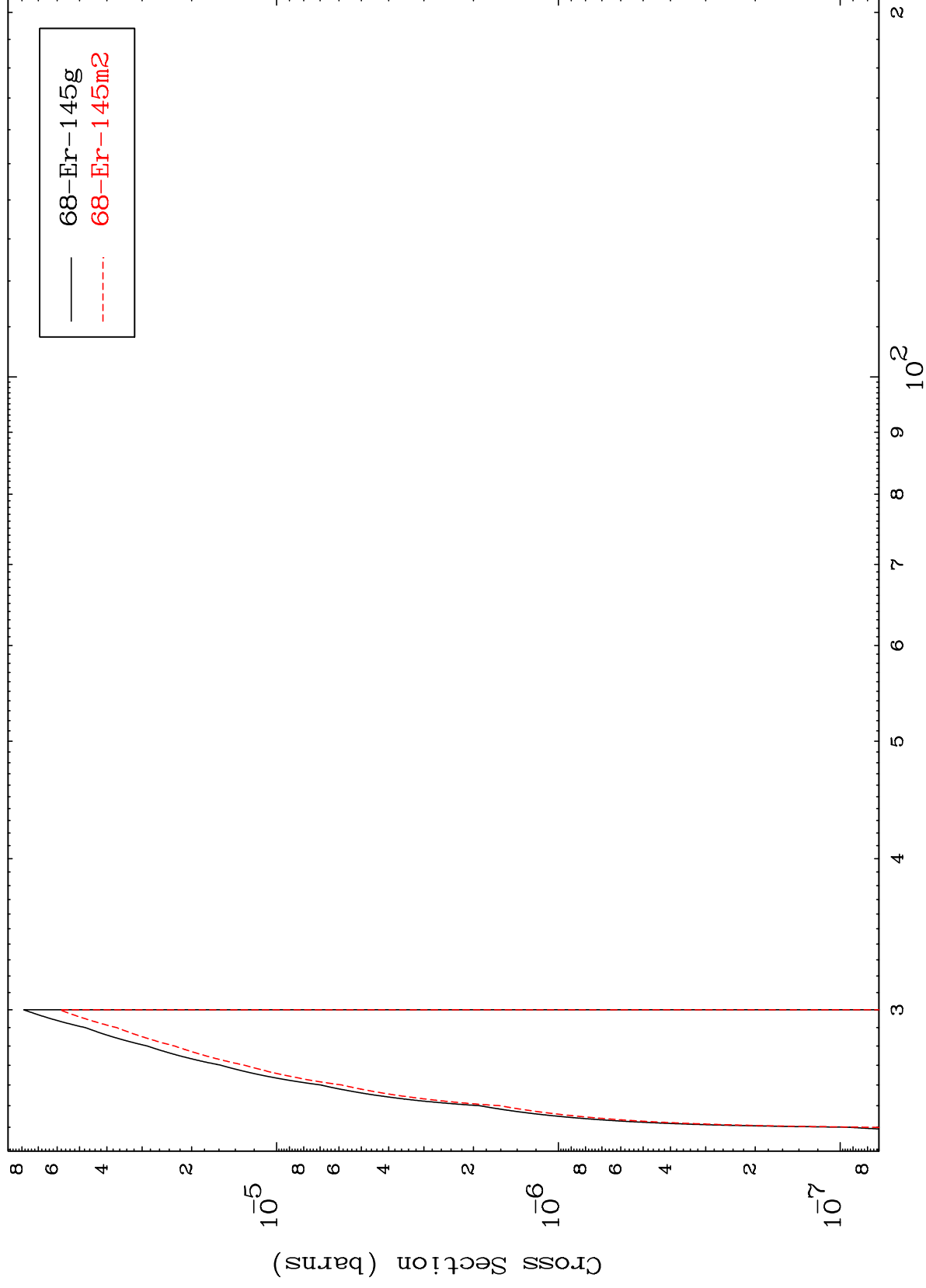
Incident Energy (MeV)

18

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(n,3n)  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

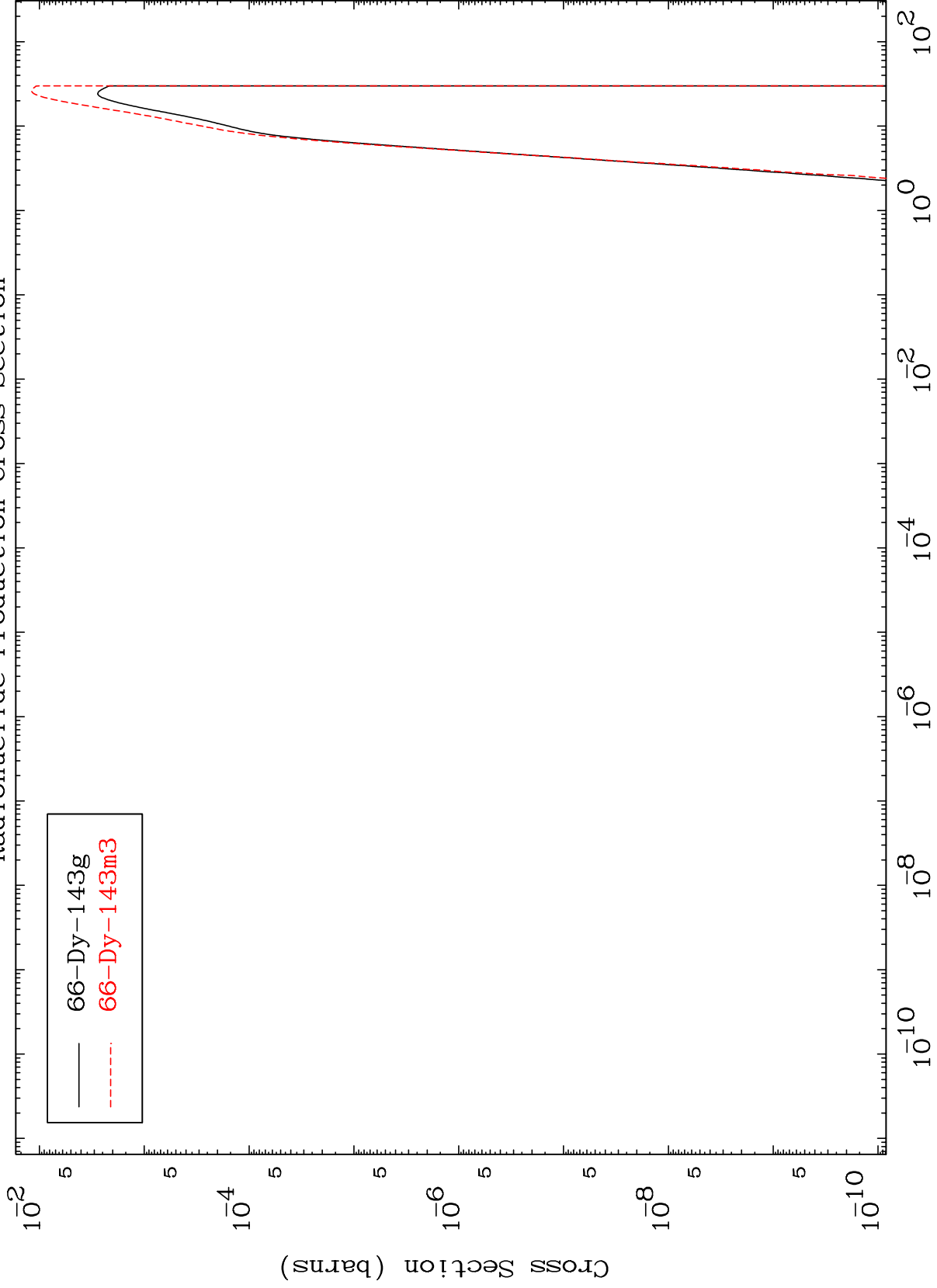
68-Er-147

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$(n, n') \alpha$

68-Er-147

Radionuclide Production Cross Section



20

Incident Energy (MeV)

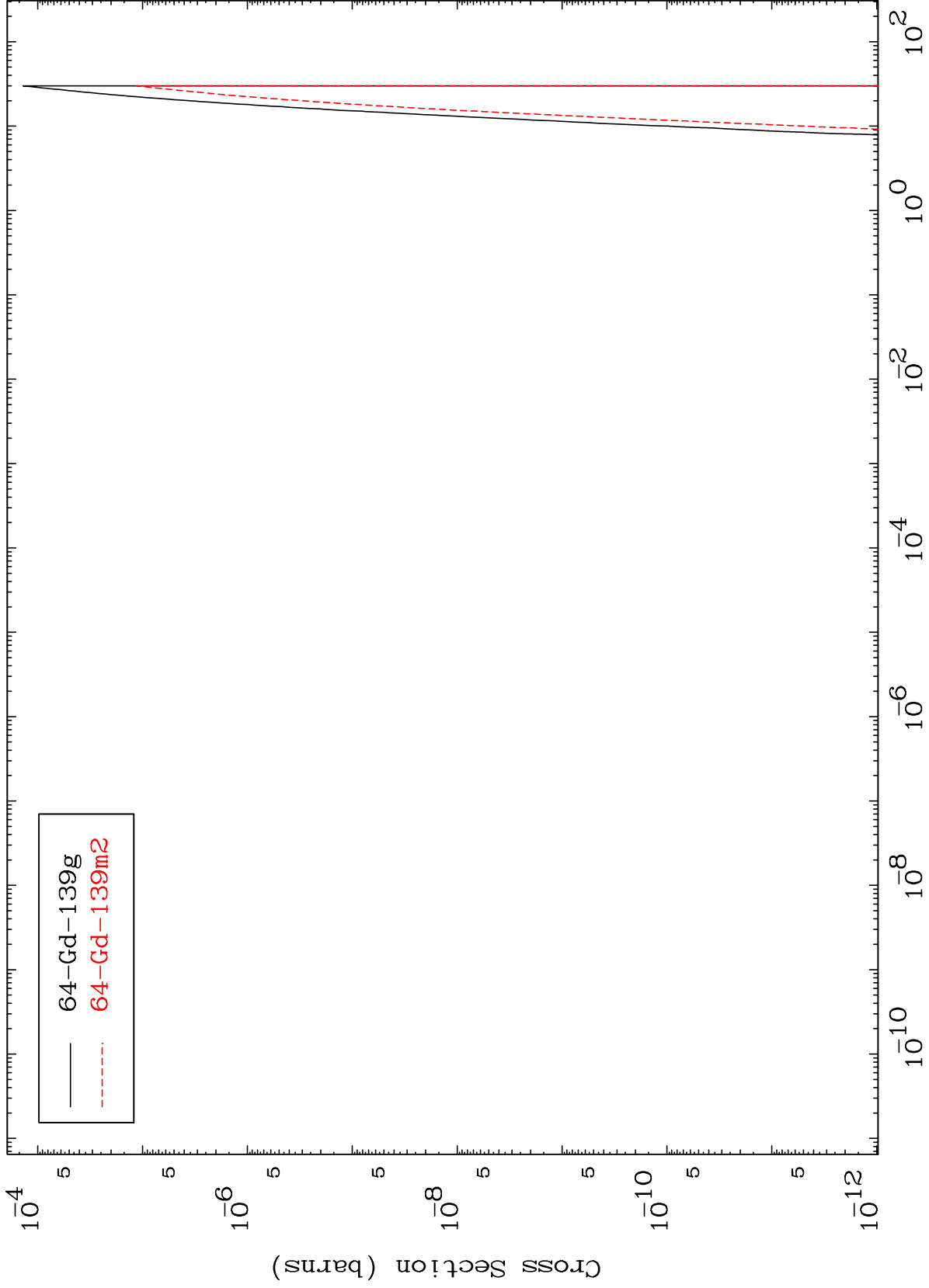
68-Er-147

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(n,n') 2α

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Radionuclide Production Cross Section



21

Incident Energy (MeV)

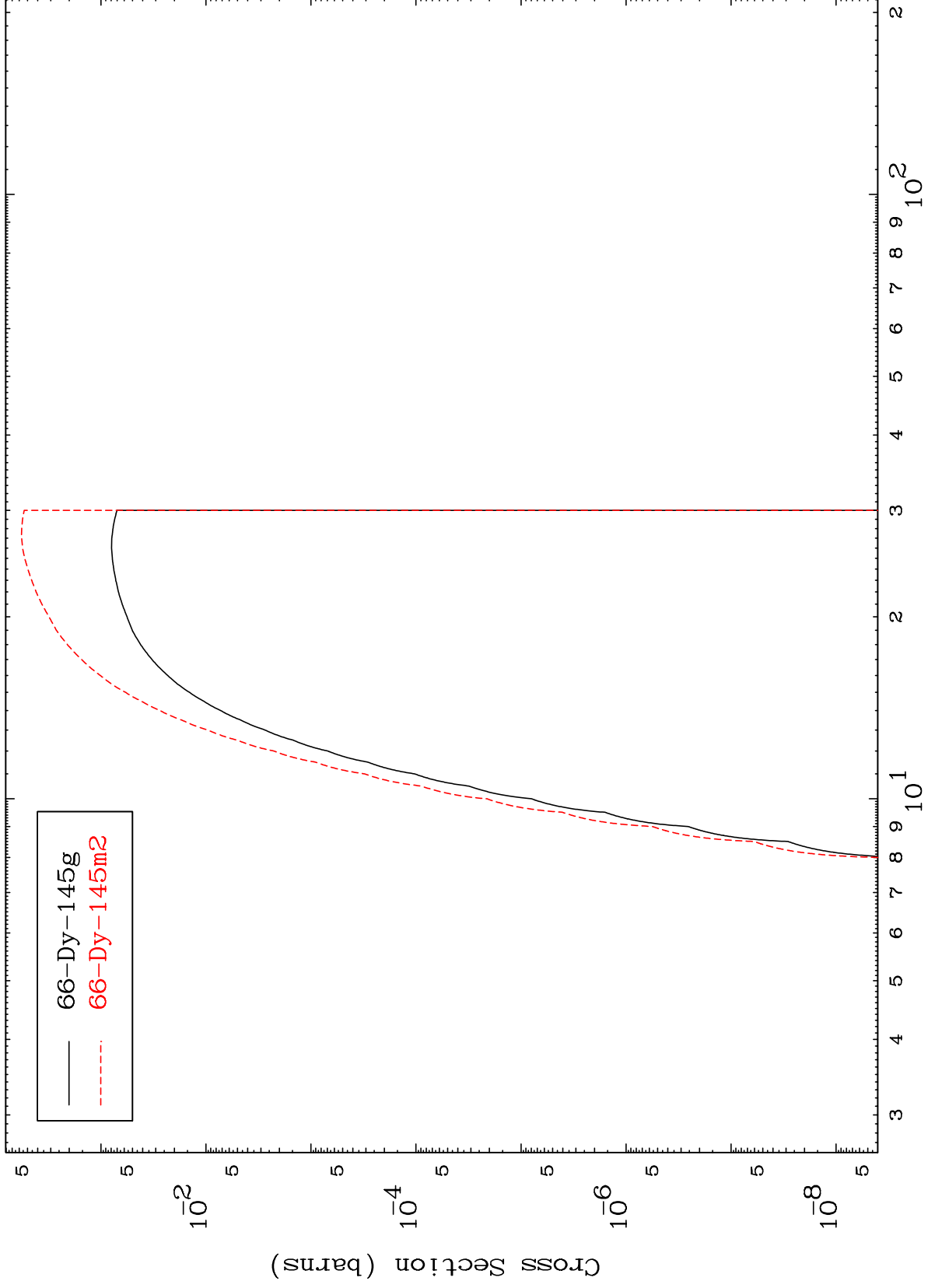
68-Er-147

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(n,2n) p

68-Er-147

Radionuclide Production Cross Section



22

Incident Energy (MeV)

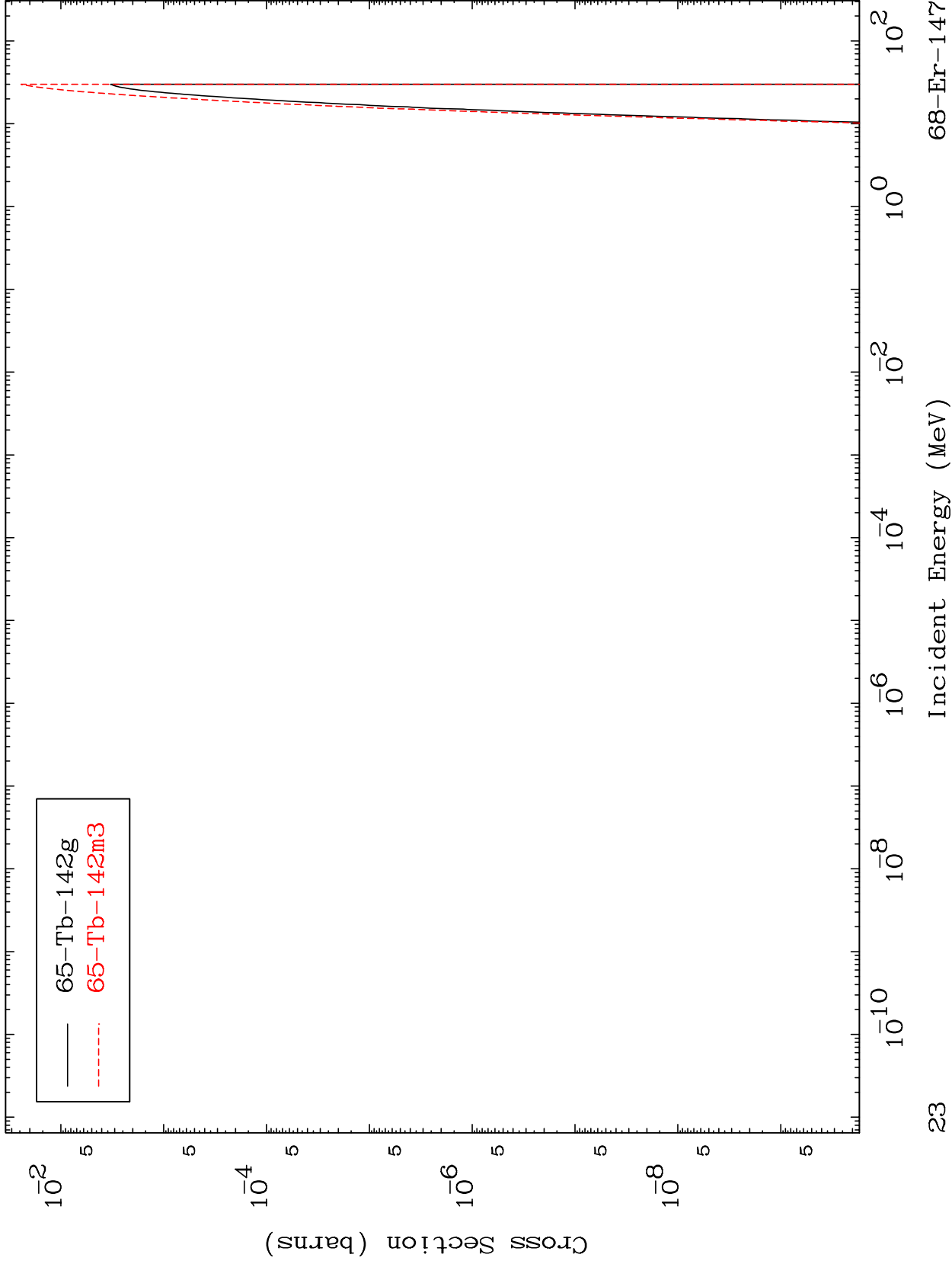
68-Er-147

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(n,n') p  $\alpha$

68-Er-147

Radionuclide Production Cross Section



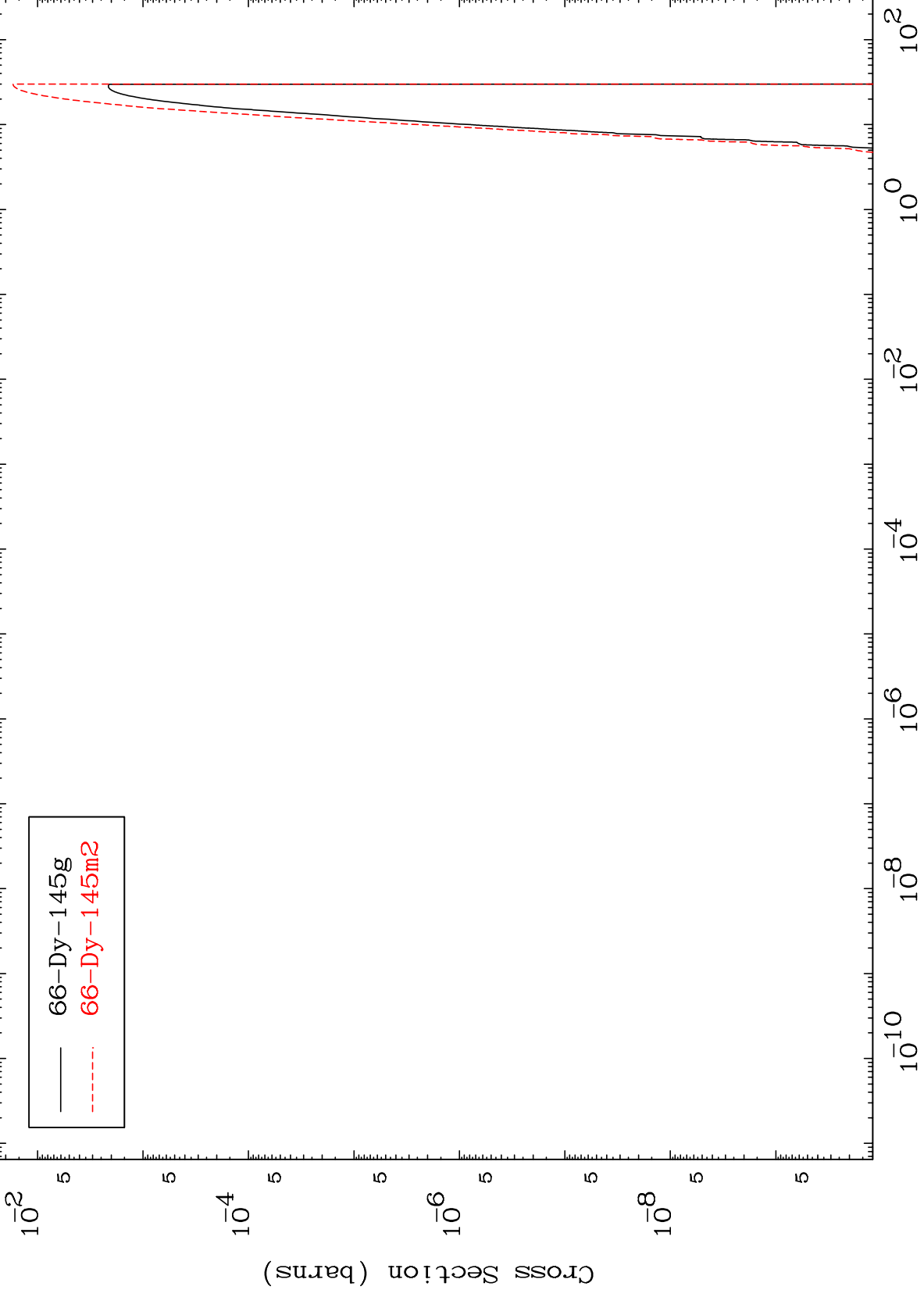


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(n,He-3)

68-Er-147

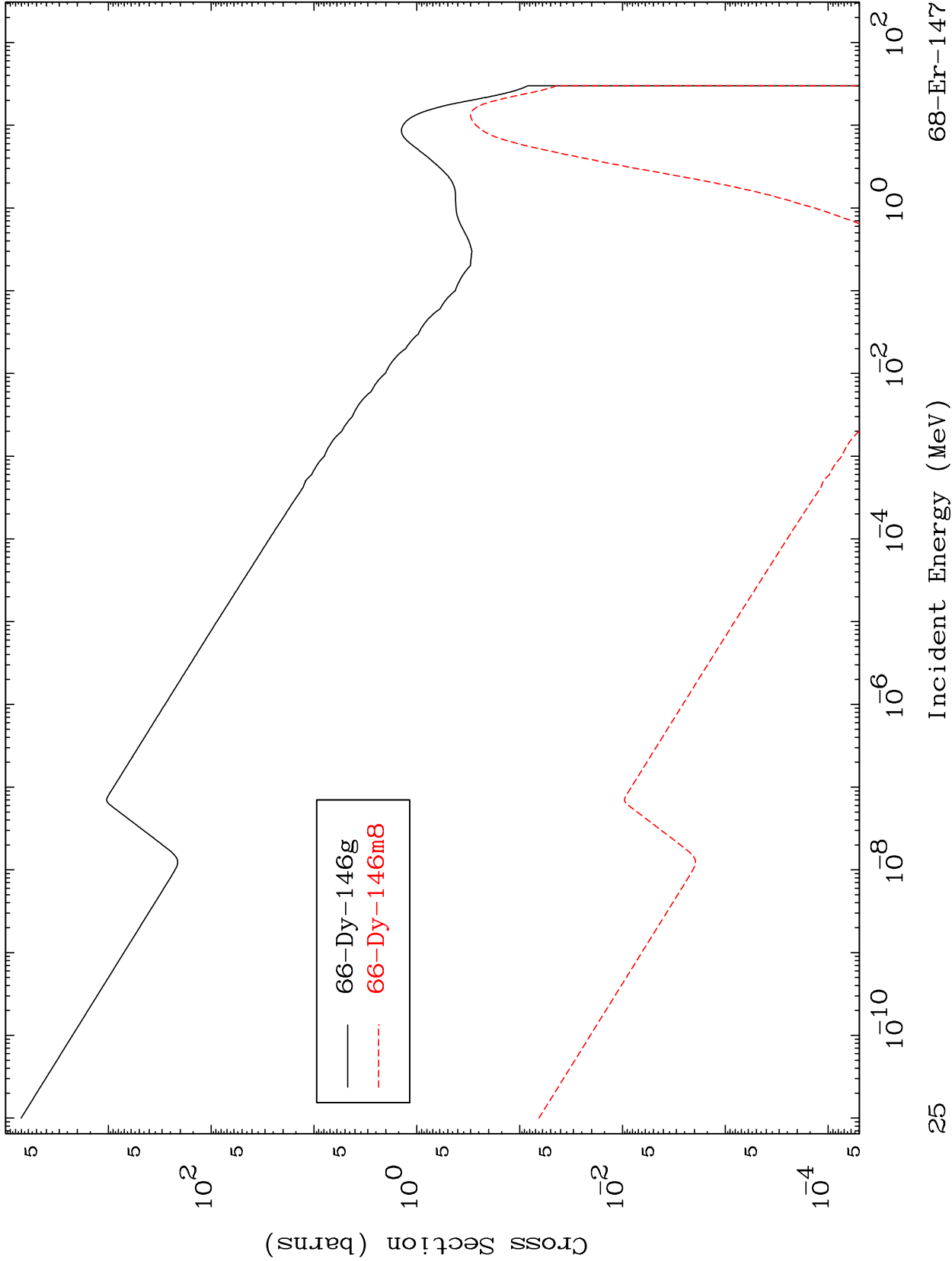
Radionuclide Production Cross Section



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68-Er-147

(n,2p)  
Radionuclide Production Cross Section

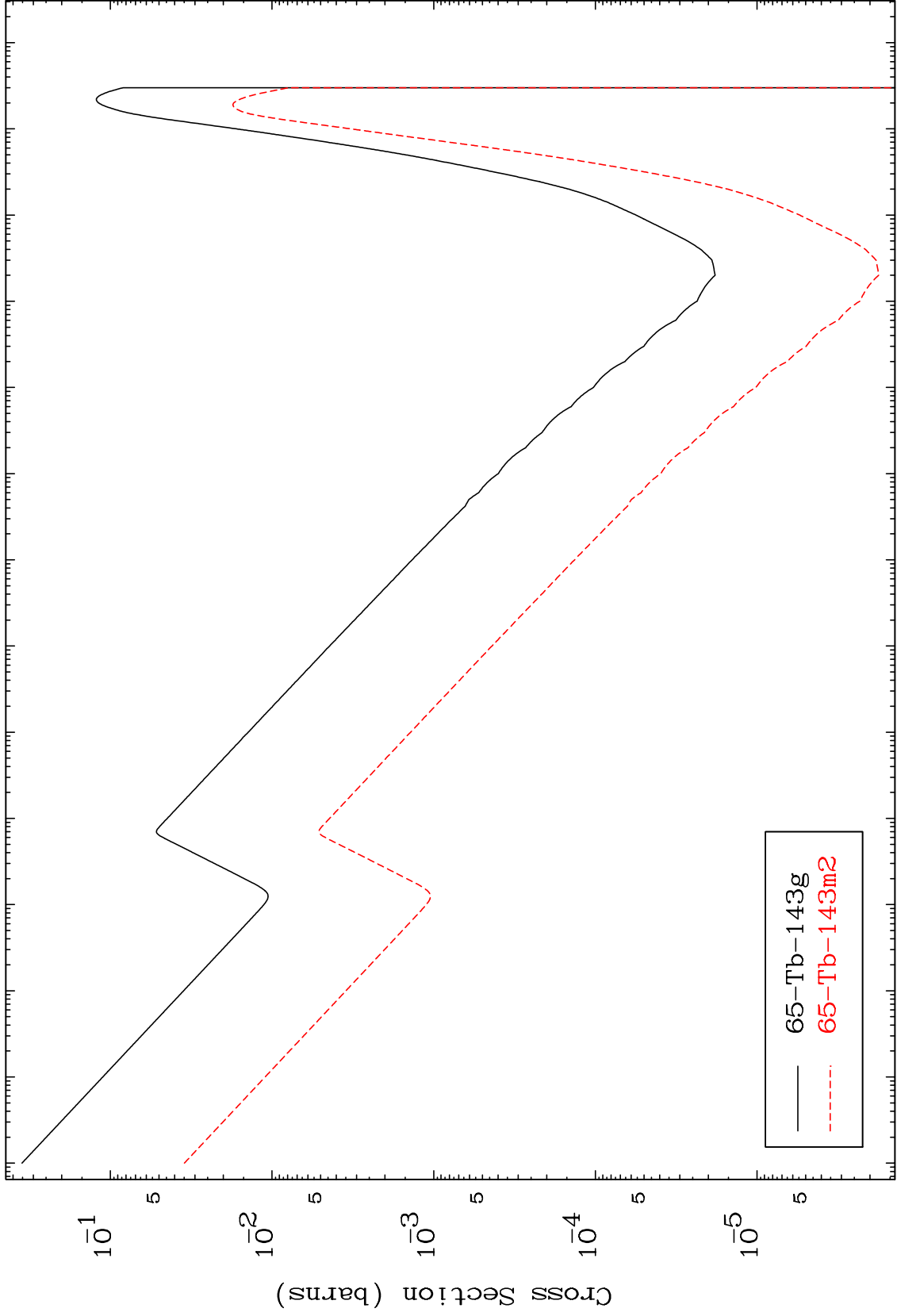


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(n,p)  $\alpha$

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Radionuclide Production Cross Section



68-Er-147

Incident Energy (MeV)

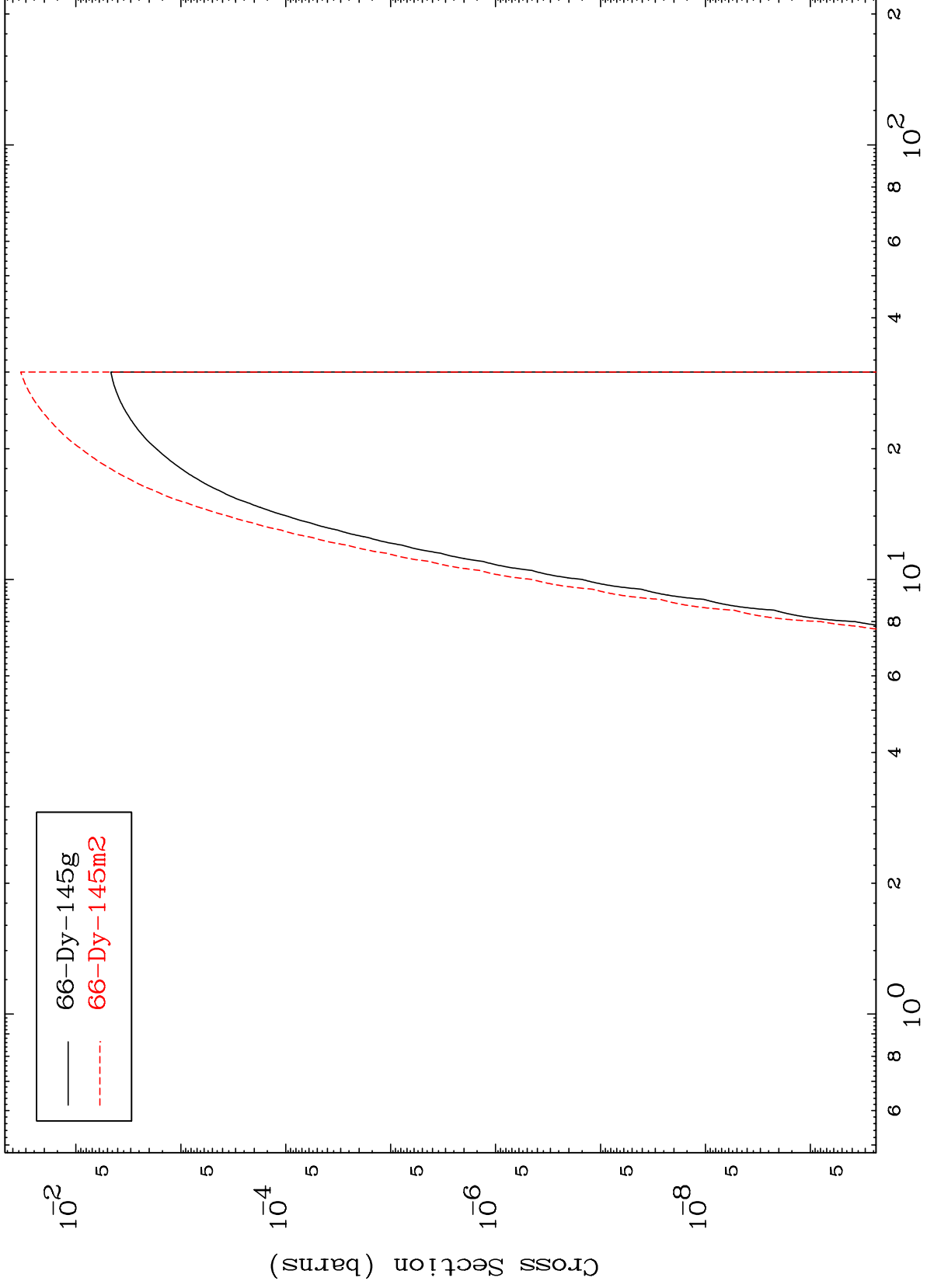
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(n,p) d

68-Er-147

Radionuclide Production Cross Section



27

Incident Energy (MeV)

68-Er-147

MAT 6781

(n,d)  $\alpha$

68-Er-147

Radionuclide Production Cross Section

