

Program EVALPLOT
(Version 2017-1)

by

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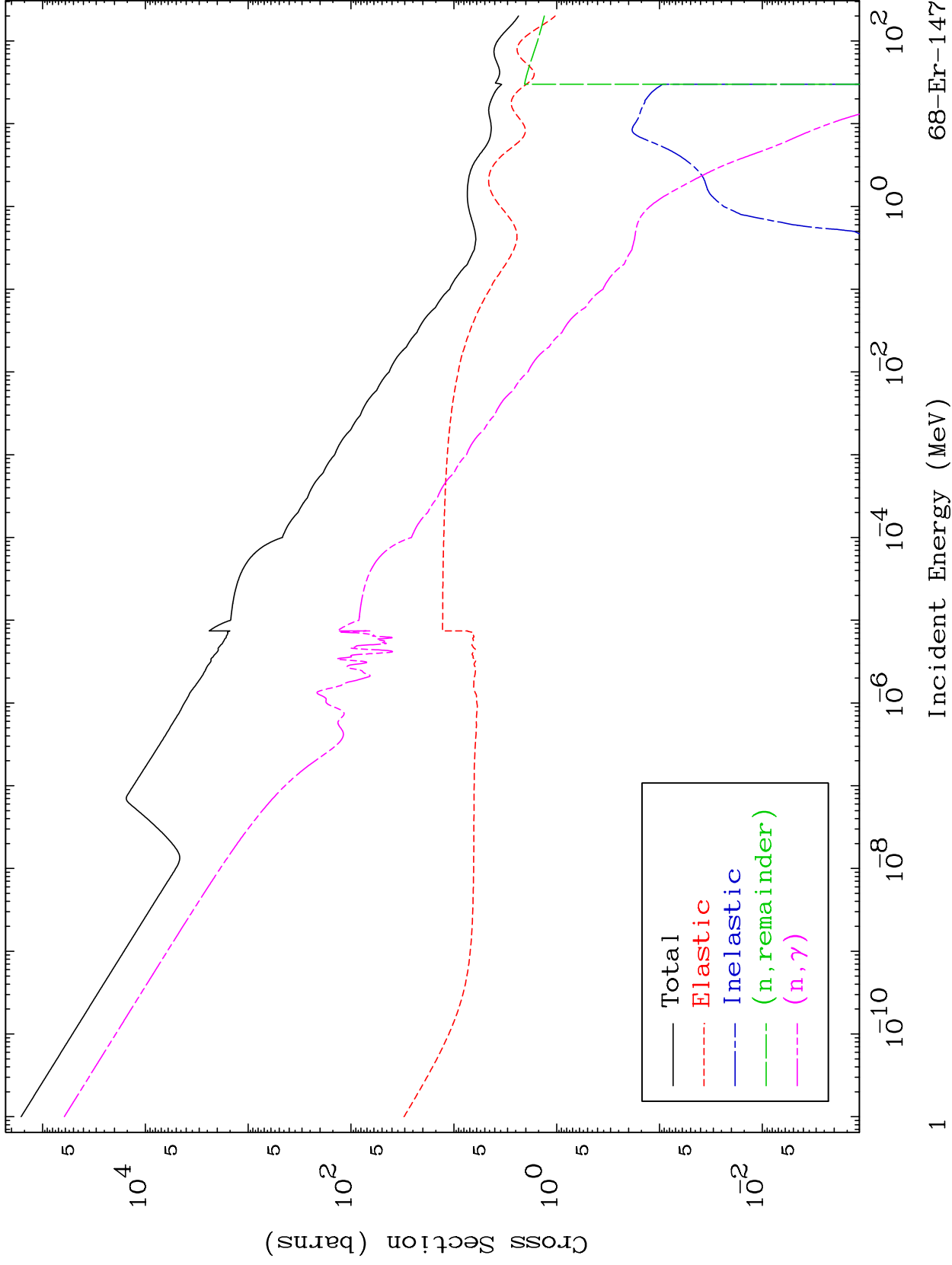
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6781

Major
293 Kelvin Cross Sections

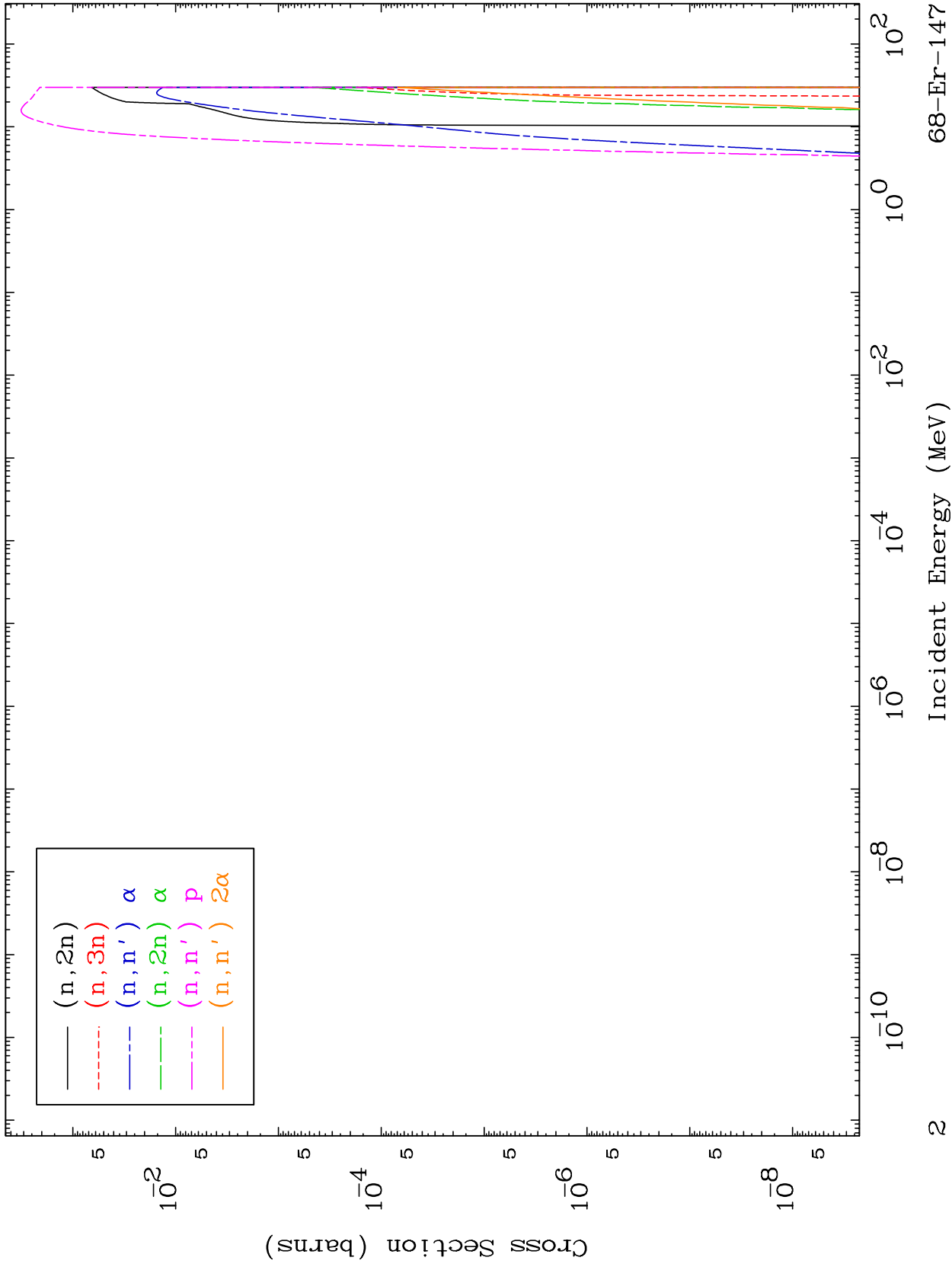
68-Er-147

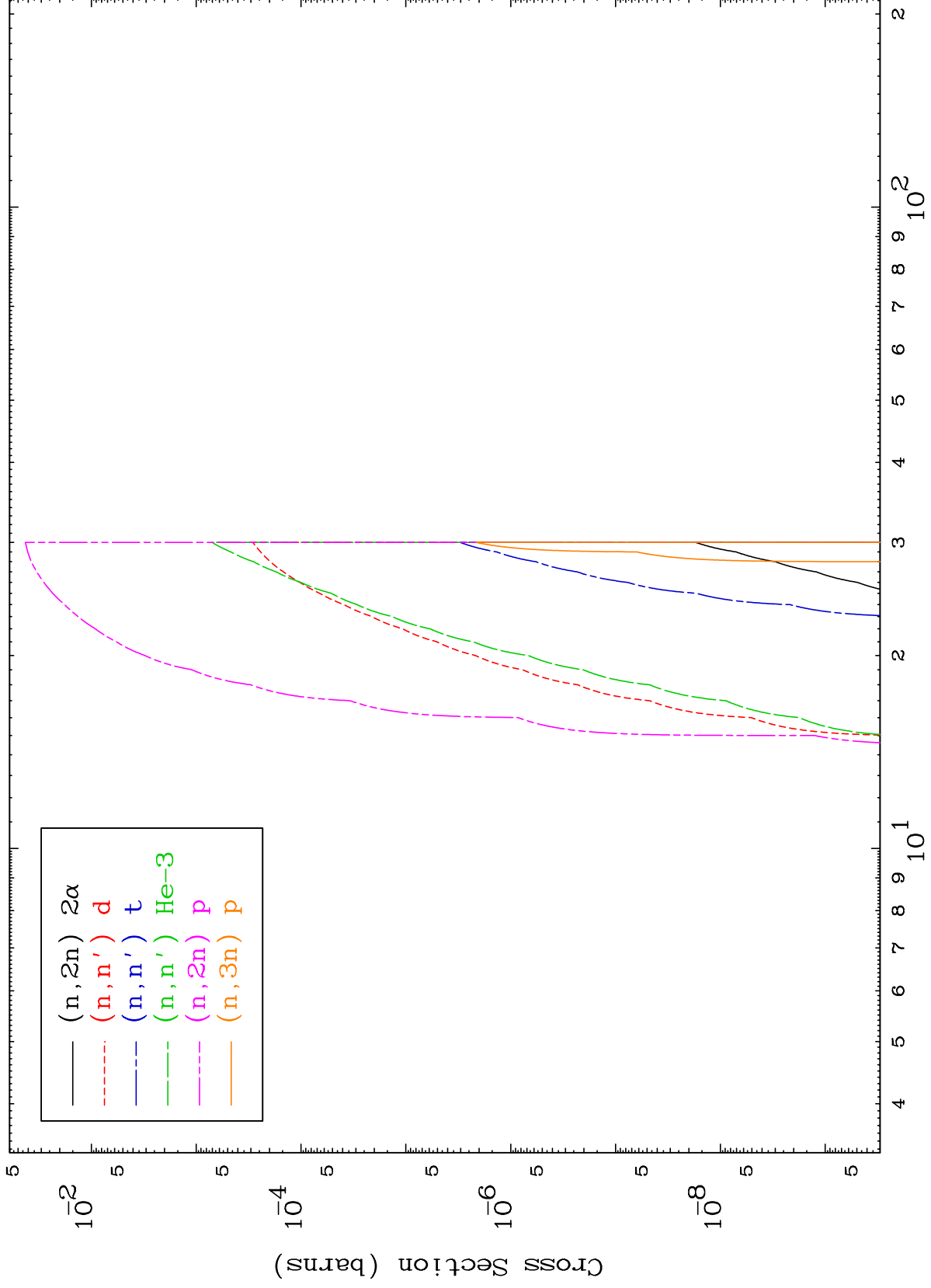


MAT 6781

Neutron Production
293 Kelvin Cross Sections

68-Er-147

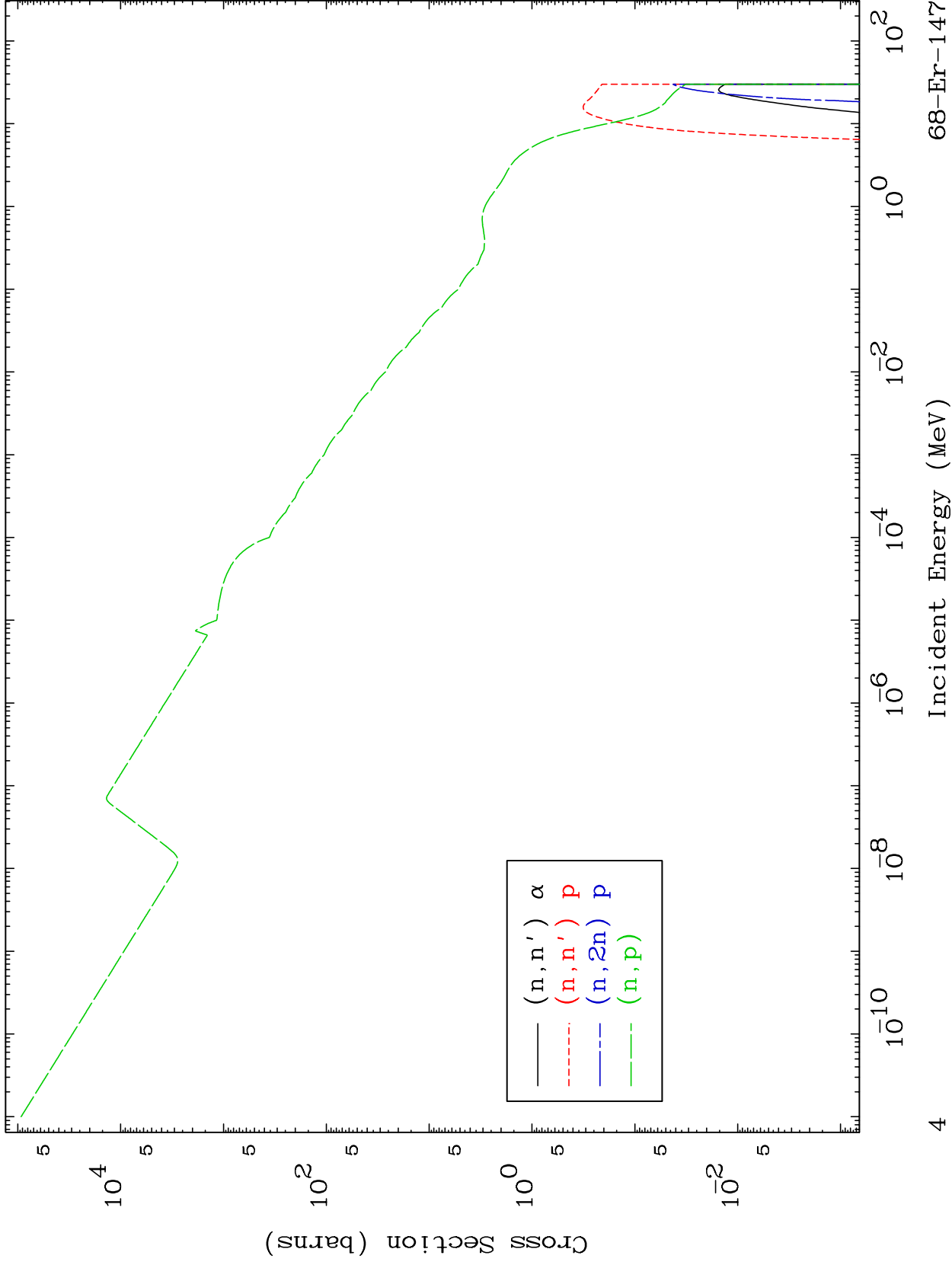


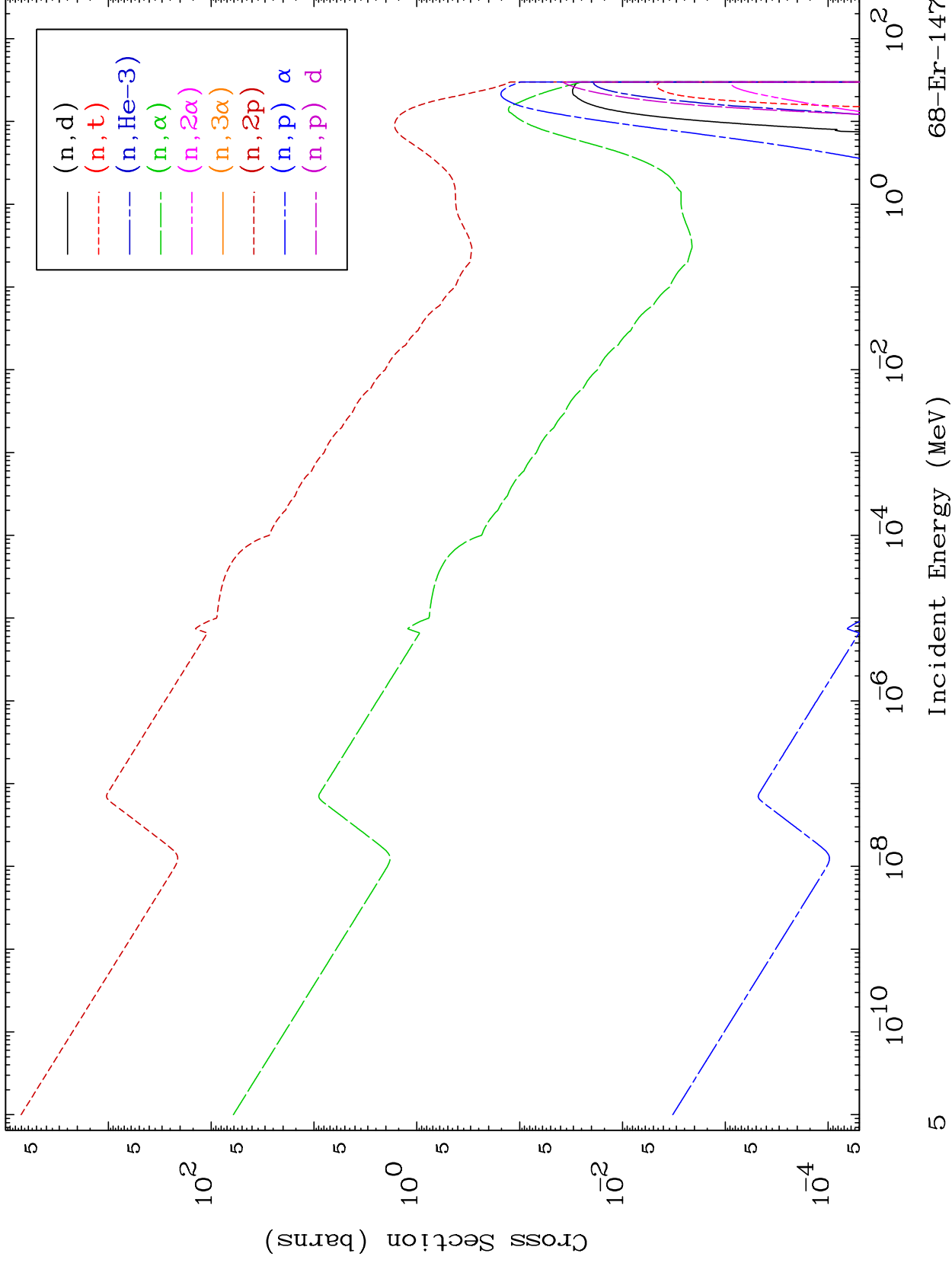


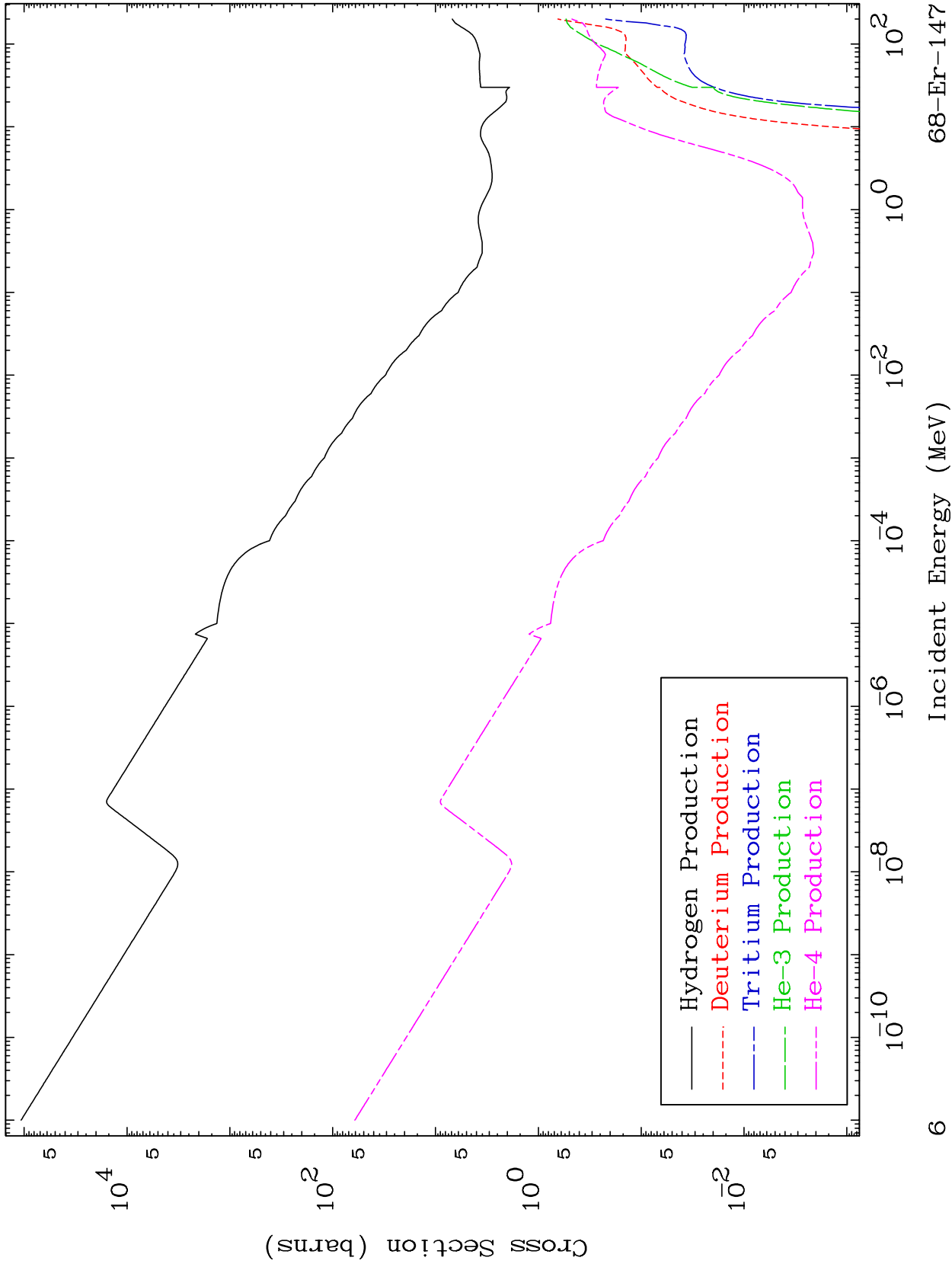
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Charged Particle
293 Kelvin Cross Sections

68-Er-147



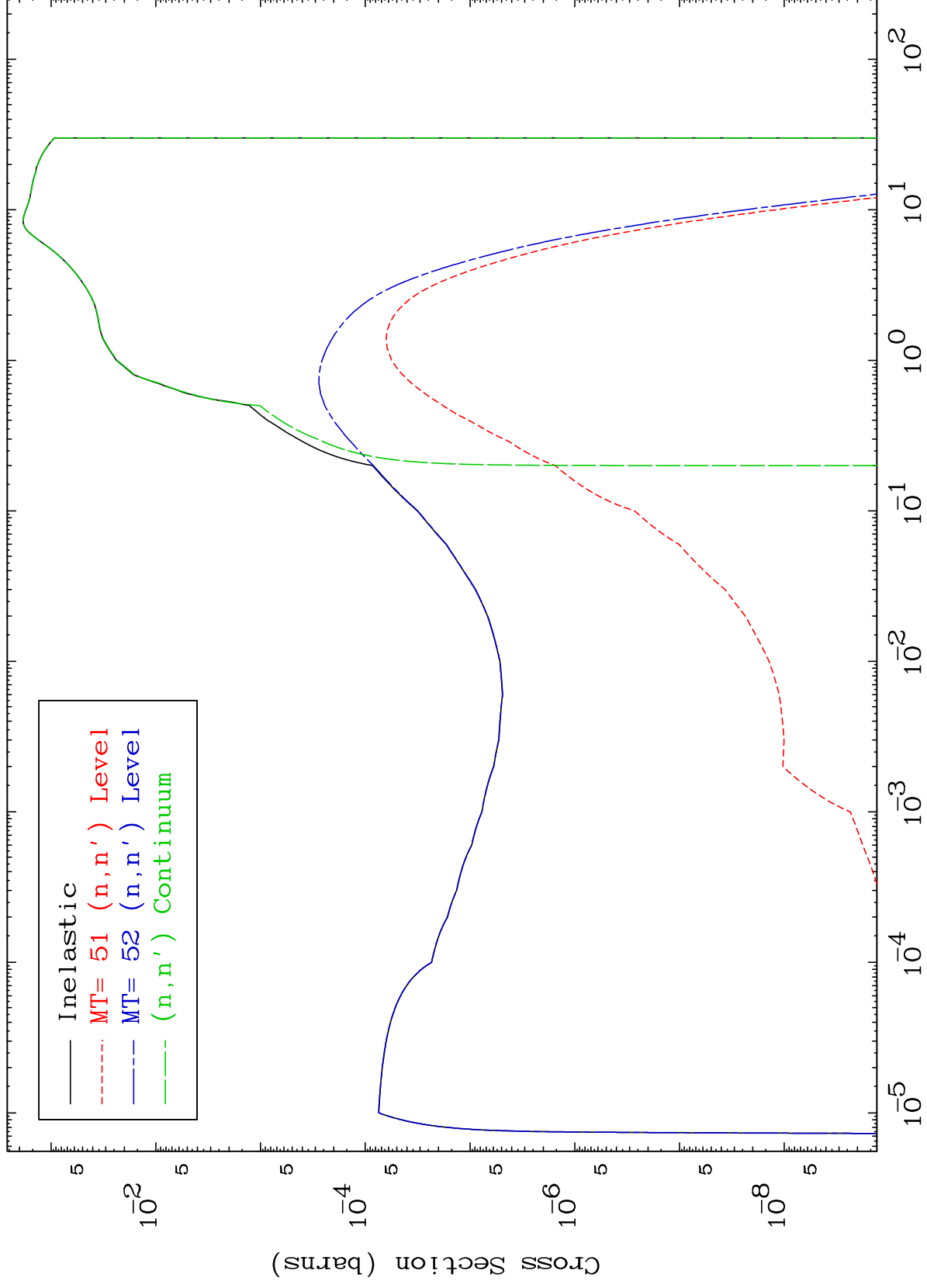




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293 Kelvin Cross Sections
(n,n') Level

68-Er-147



7

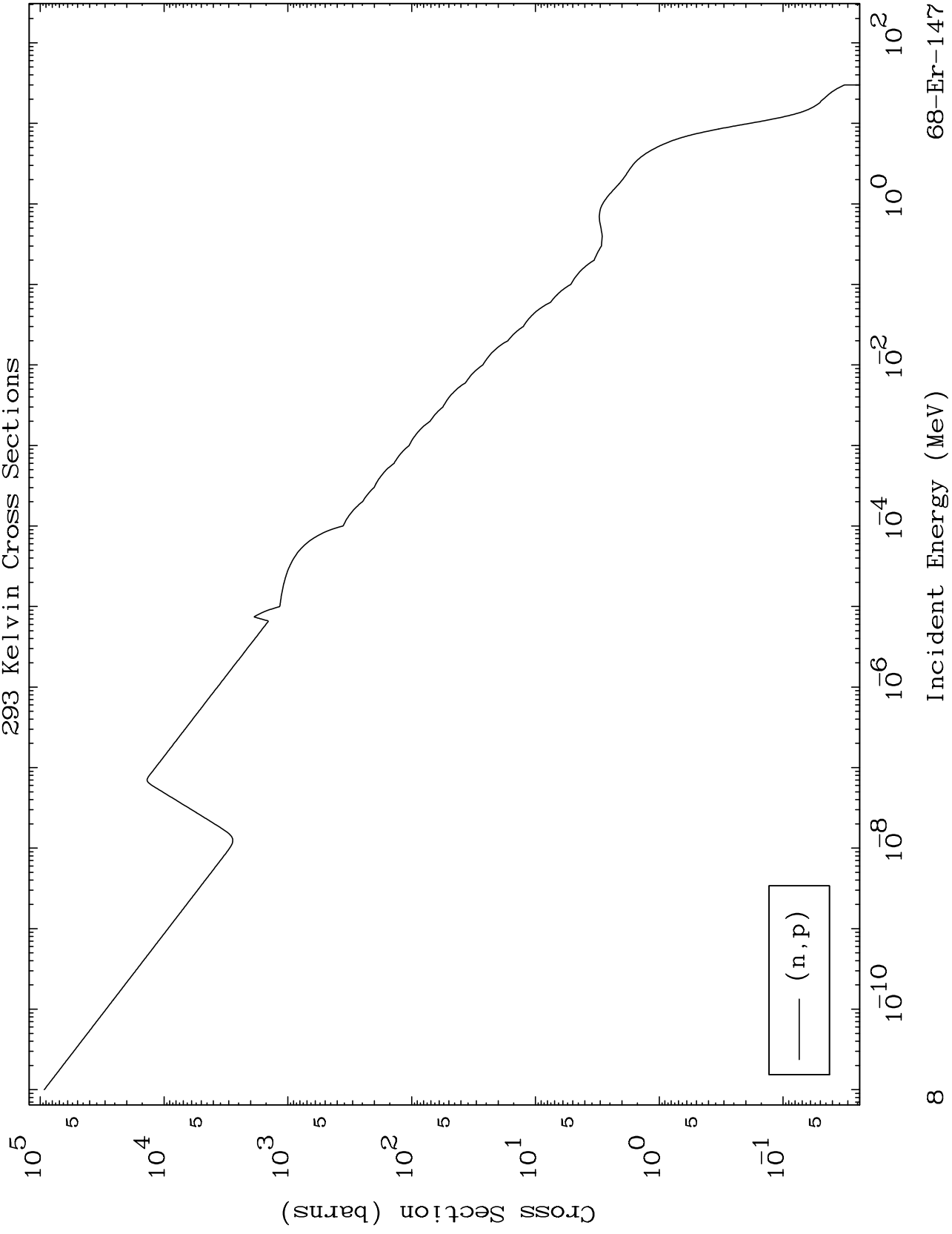
Incident Energy (MeV)

68-Er-147

MAT 6781

(n,p) Levels
293 Kelvin Cross Sections

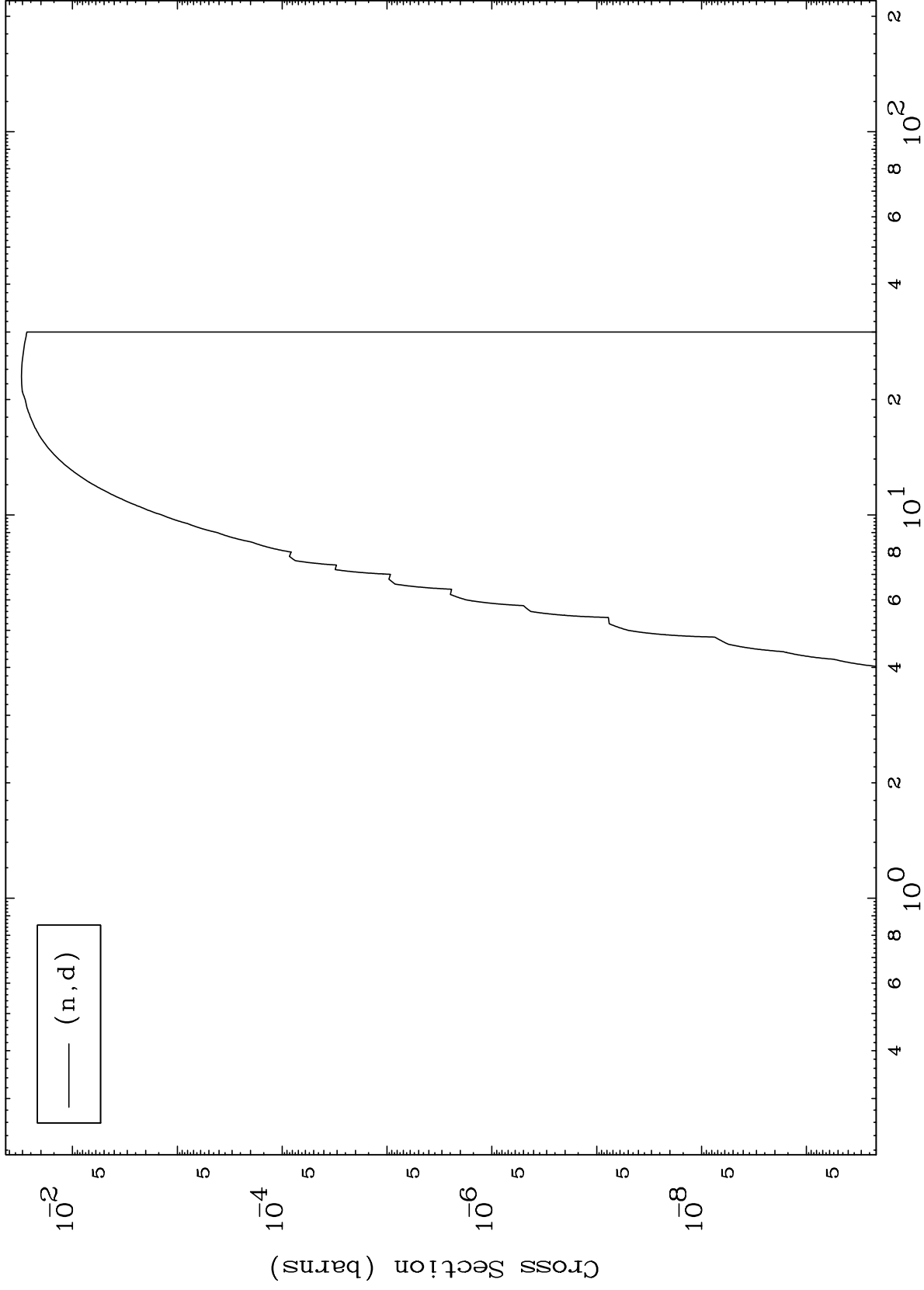
68-Er-147



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(n,d) Levels
293 Kelvin Cross Sections

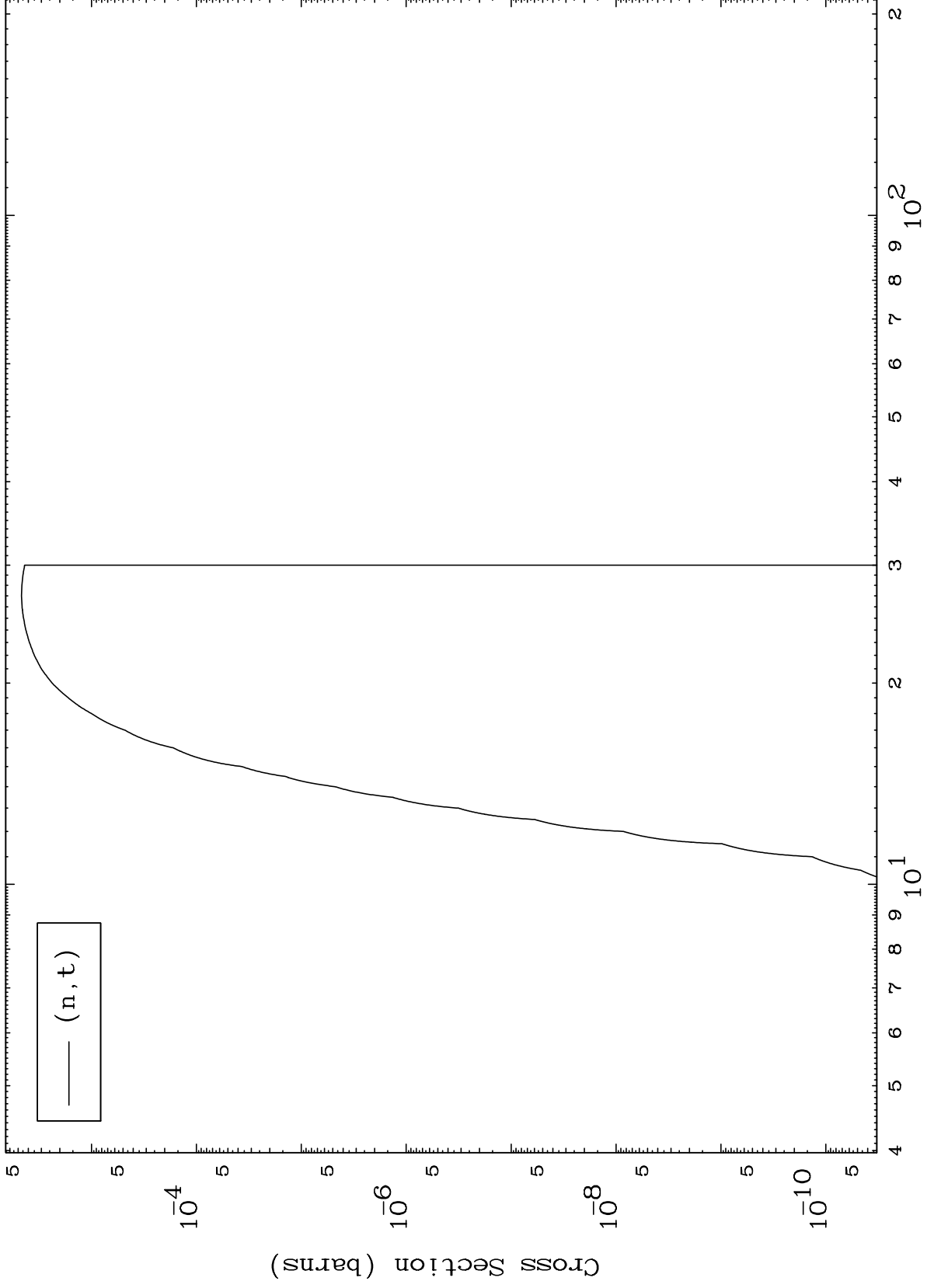
68-Er-147



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(n,t) Levels
293 Kelvin Cross Sections

68-Er-147



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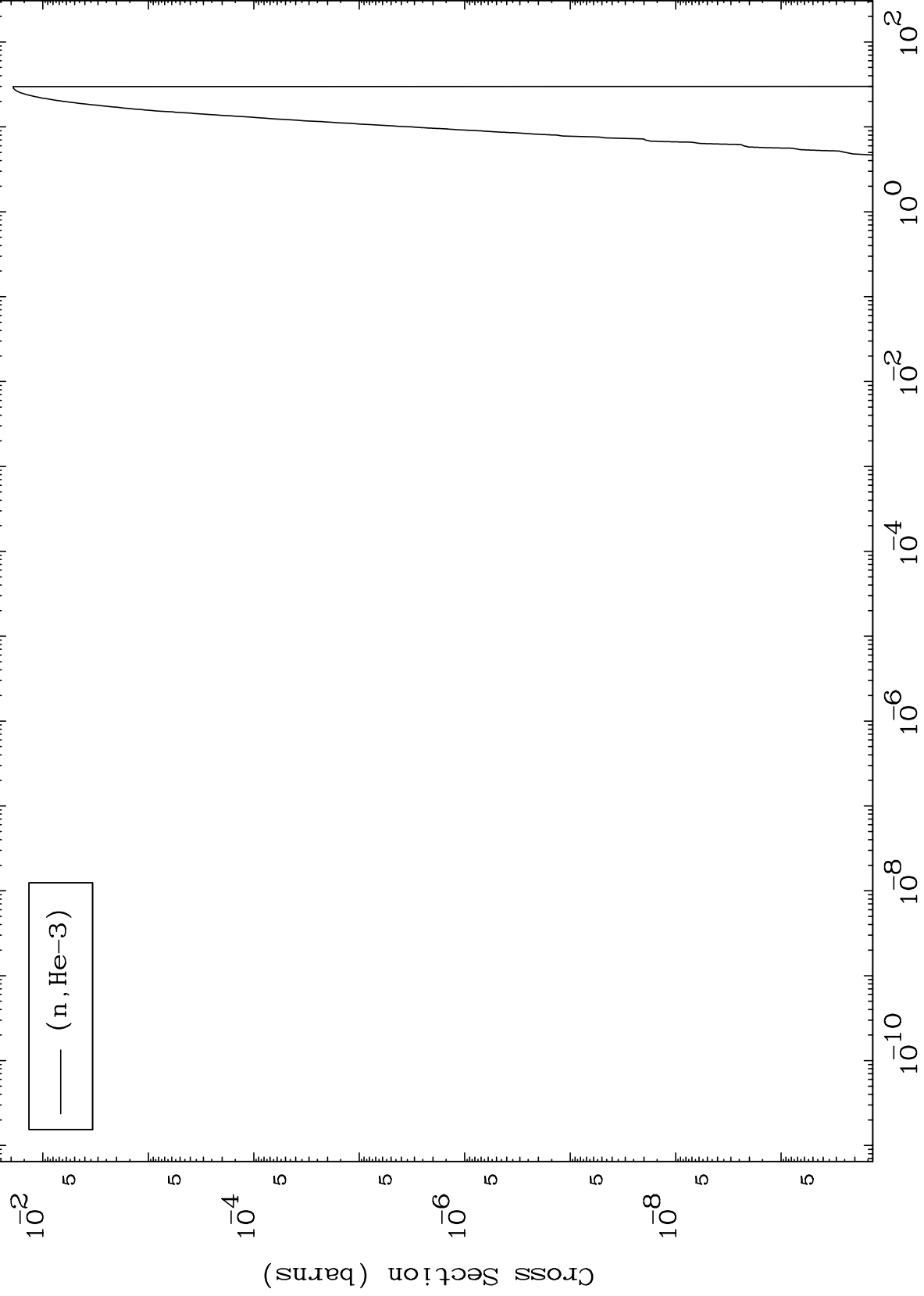
Incident Energy (MeV)

68-Er-147

MAT 6781

(n,He3) Levels
293 Kelvin Cross Sections

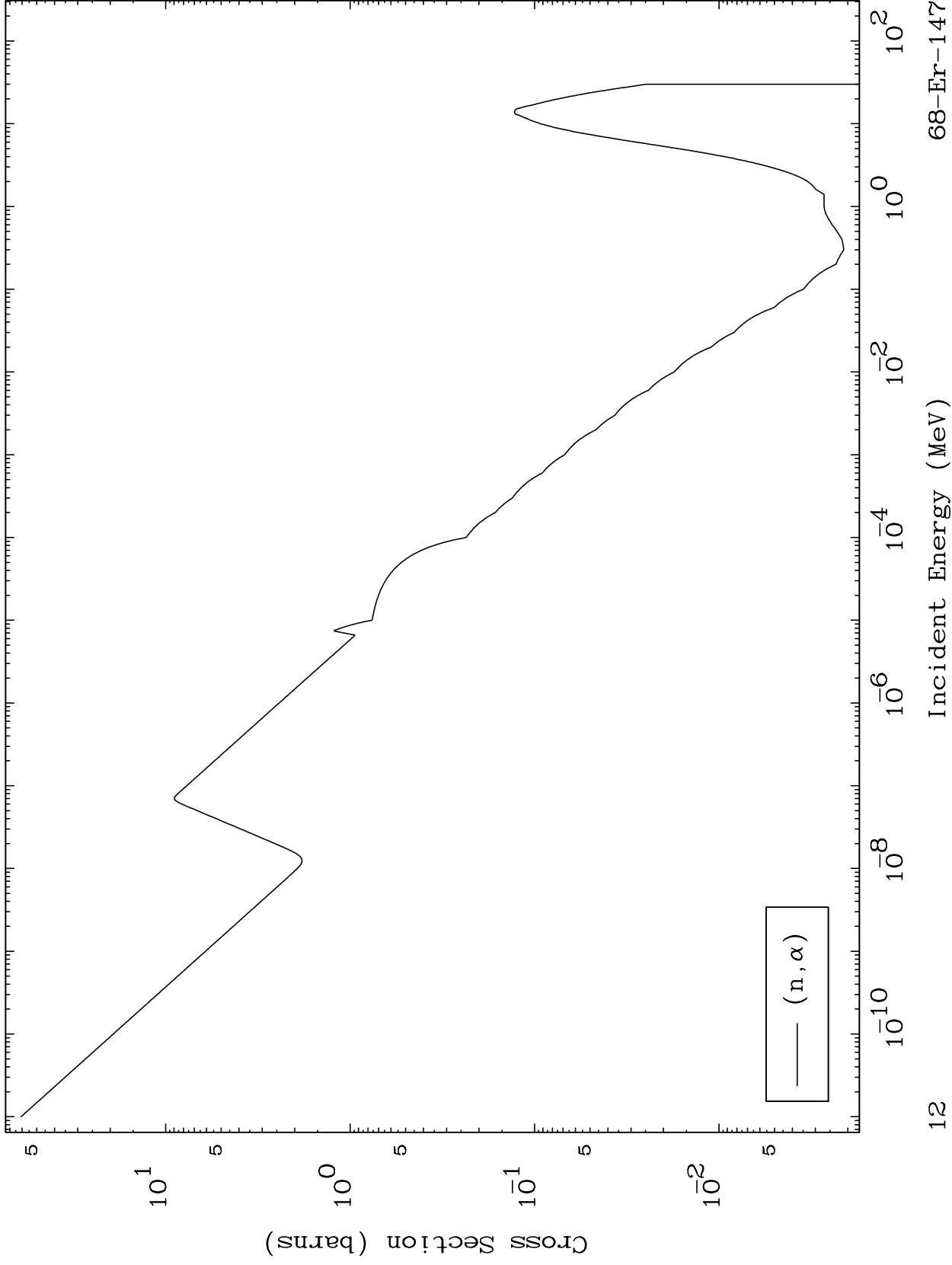
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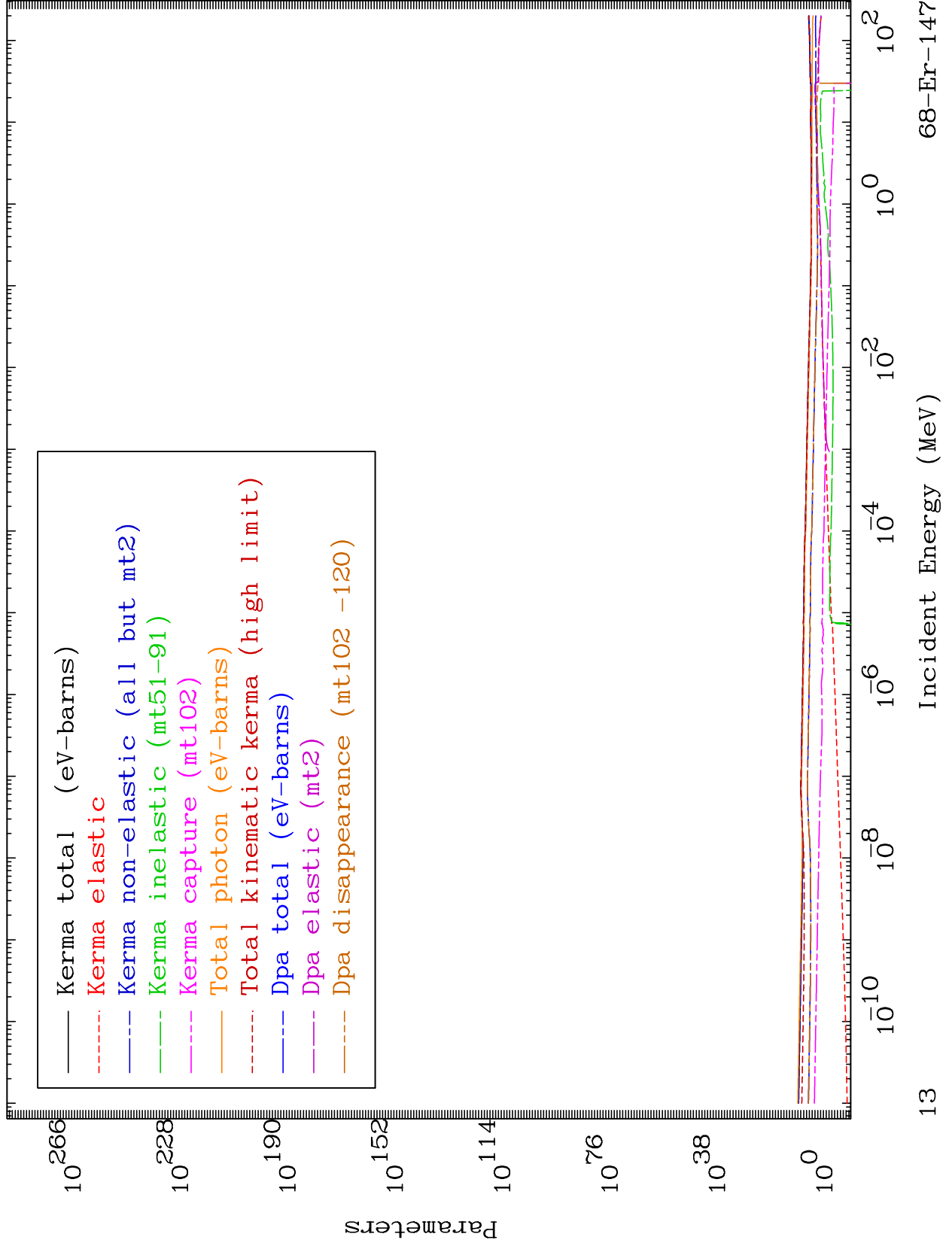


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(n,α) Levels
293 Kelvin Cross Sections

68-Er-147

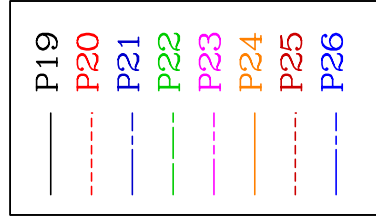




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Elastic
Legendre Coefficients

68-Er-147



$\times 10^{-6}$

Legendre (CM)



16

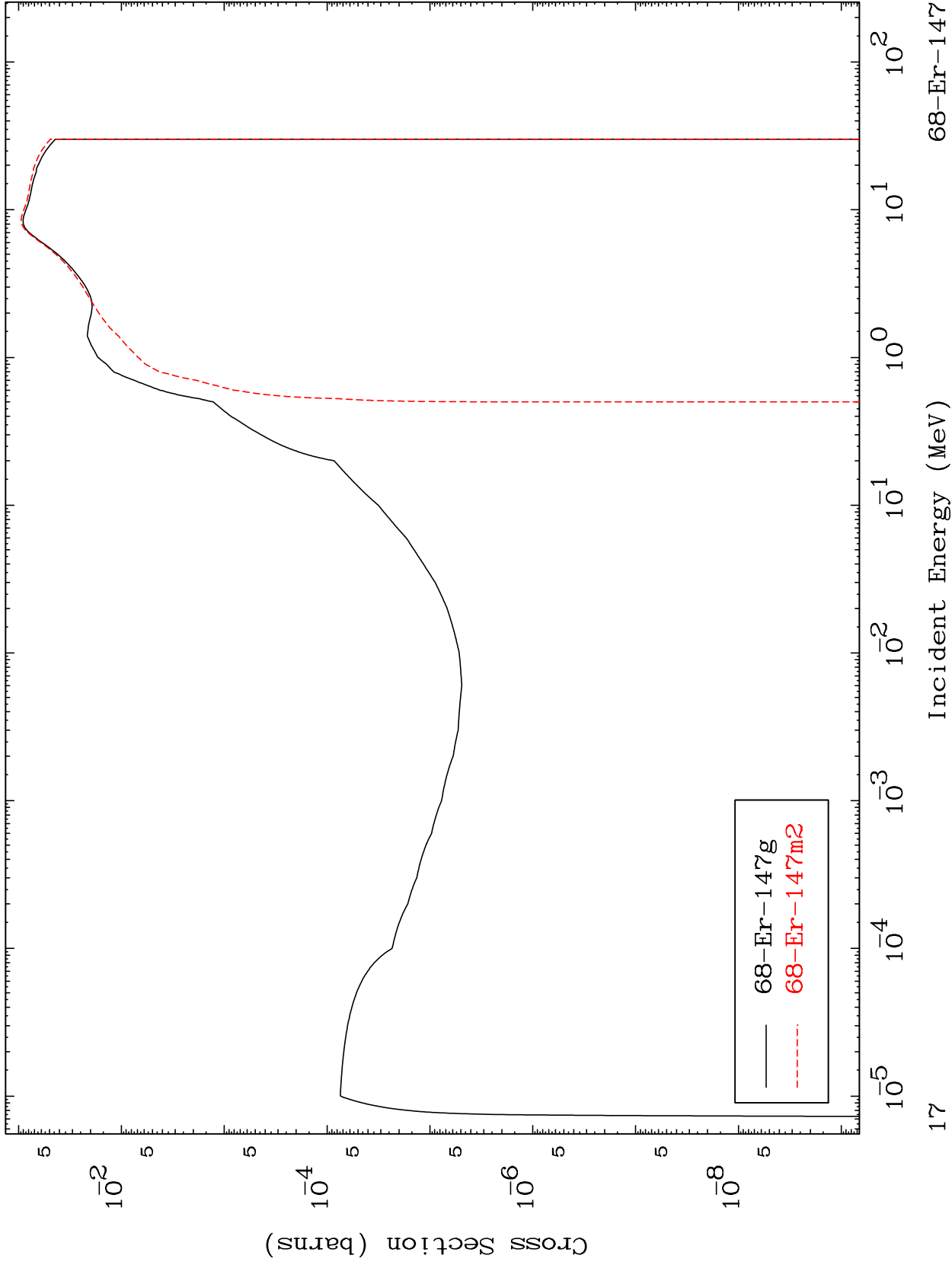
Incident Energy (MeV)

68-Er-147

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68-Er-147

Inelastic
Radionuclide Production Cross Section

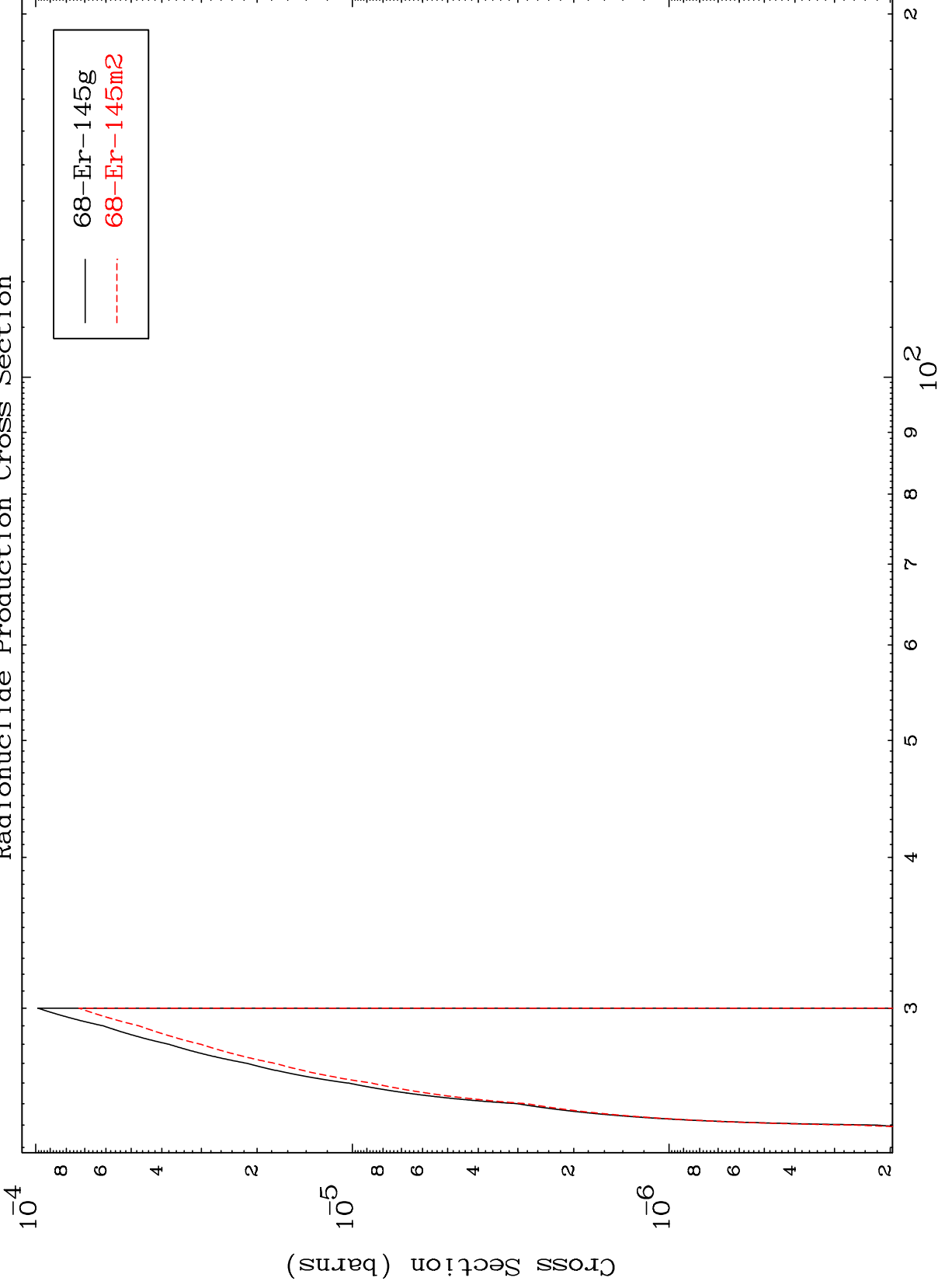


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(n,3n)

68-Er-147

Radionuclide Production Cross Section



68-Er-145g
68-Er-145m2

18

Incident Energy (MeV)

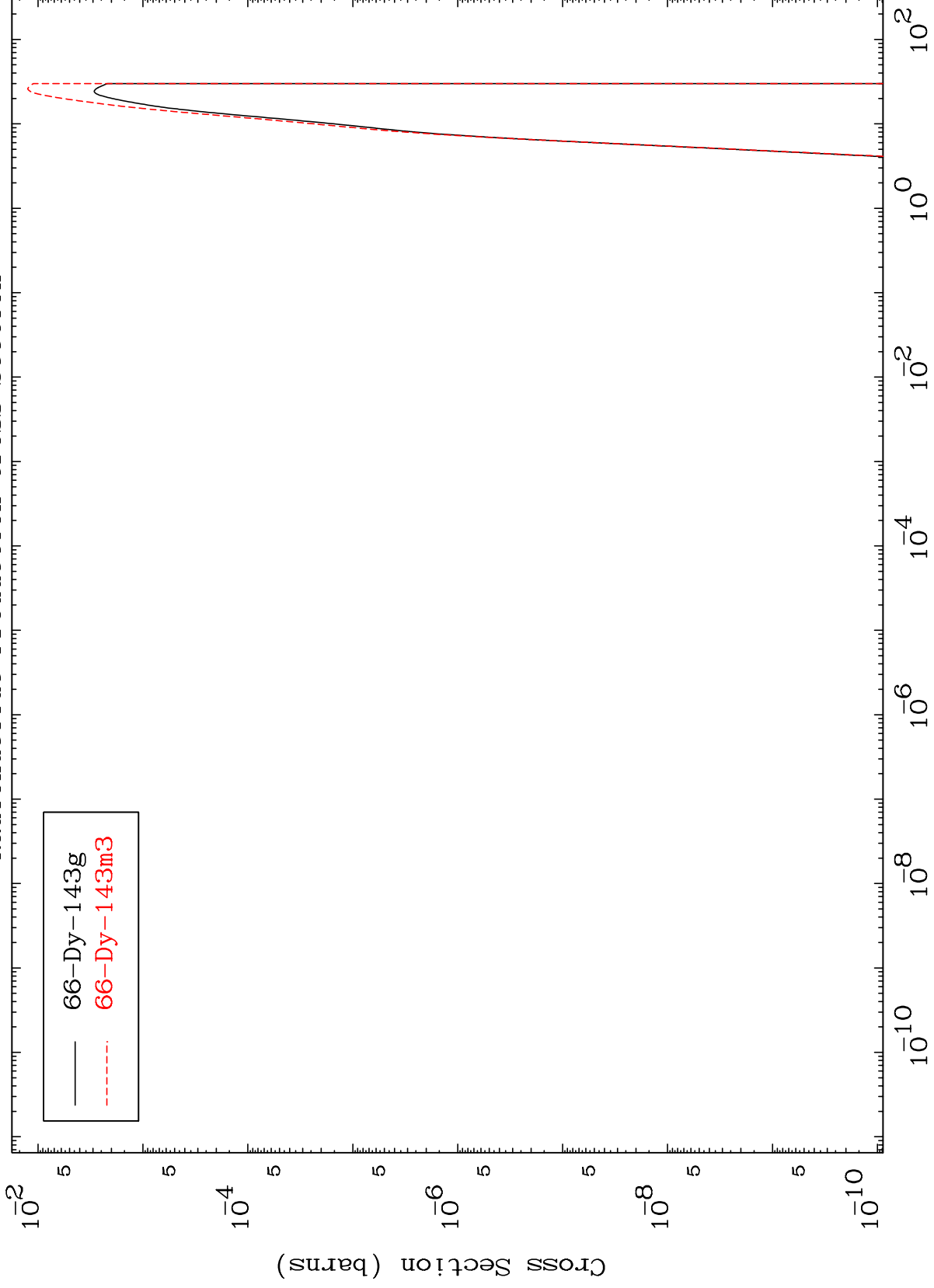
68-Er-147

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$(n, n') \alpha$

68-Er-147

Radionuclide Production Cross Section



19

Incident Energy (MeV)

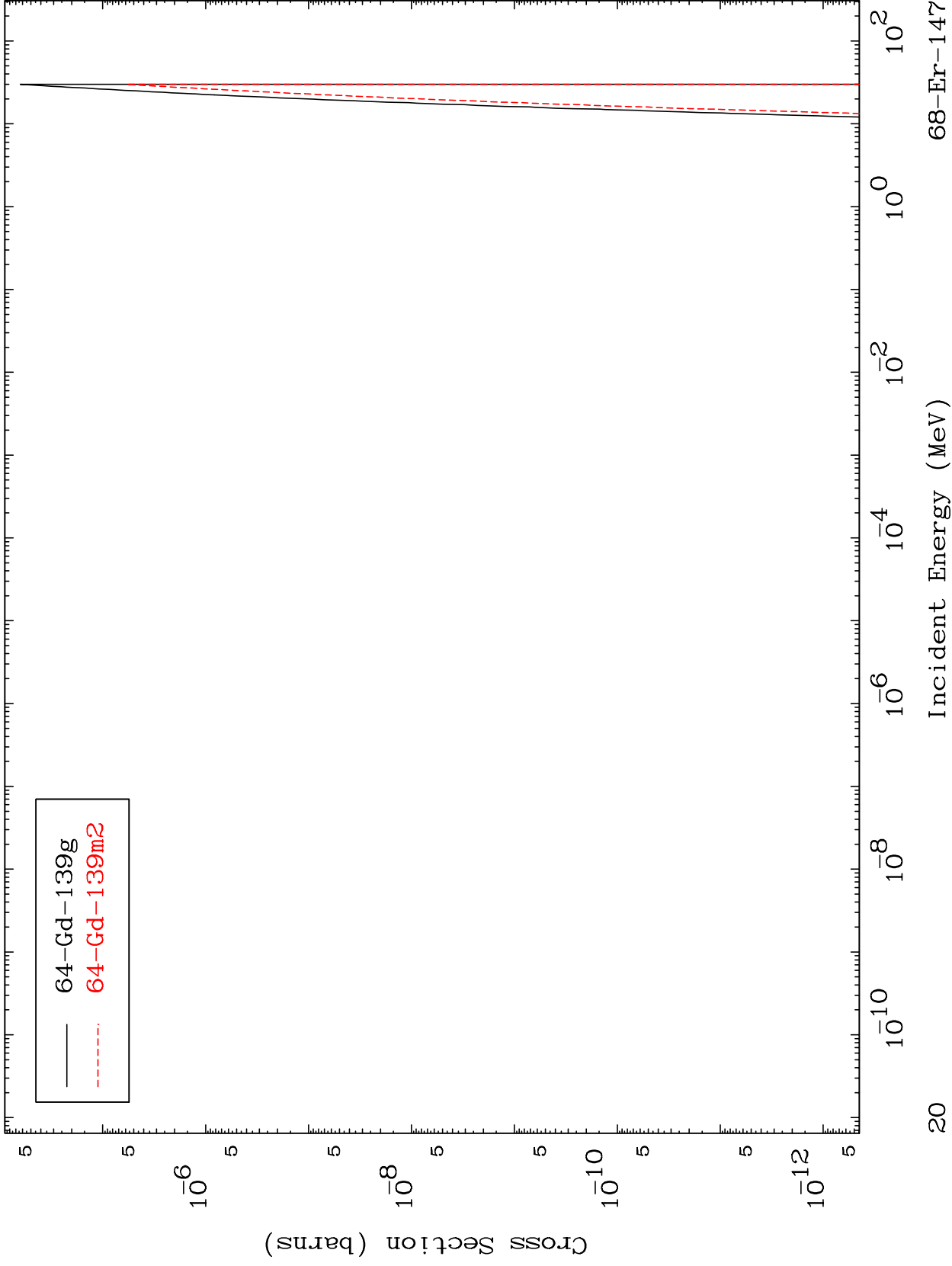
68-Er-147

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(n,n') 2α

68-Er-147

Radionuclide Production Cross Section

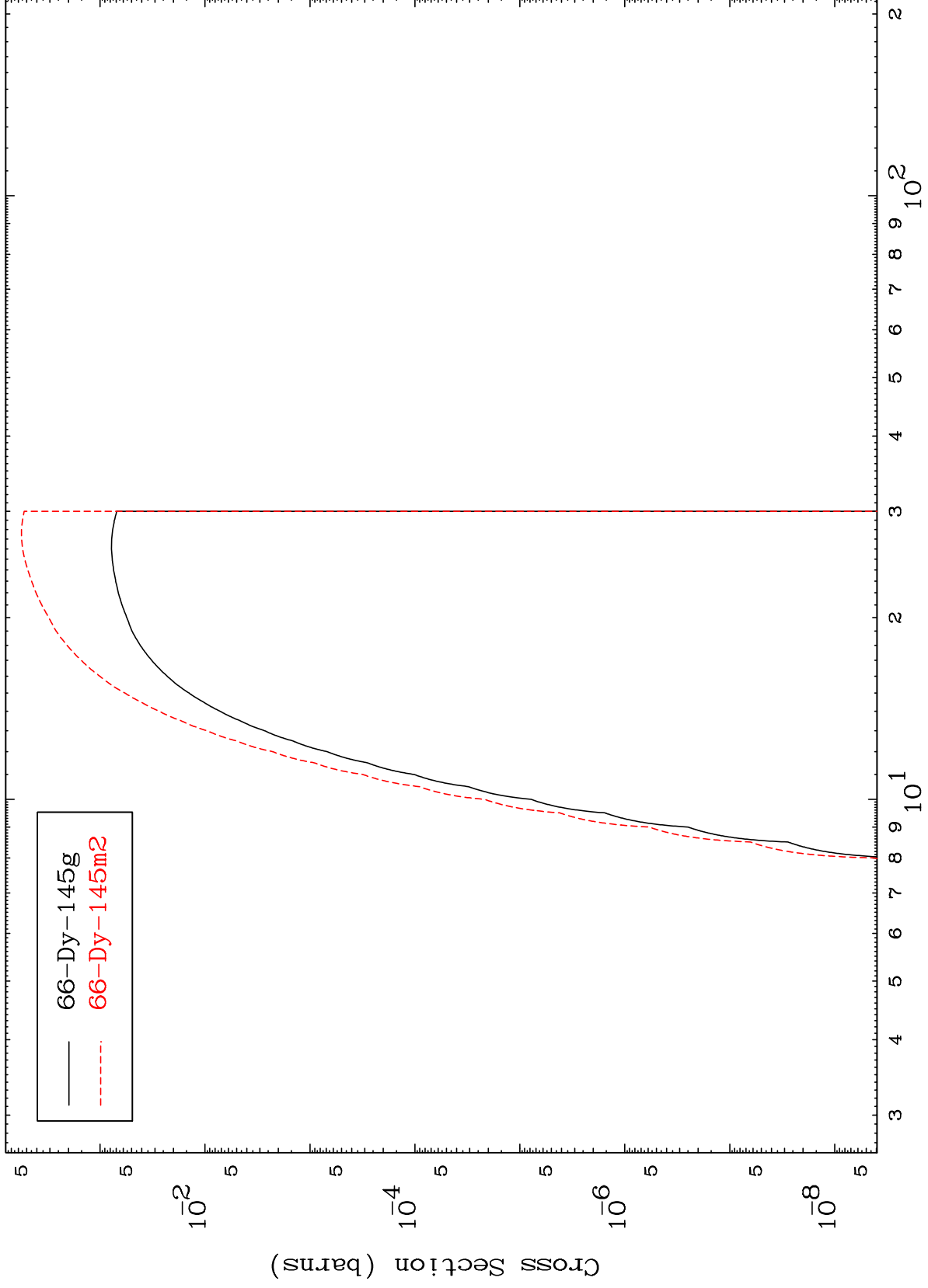


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(n,2n) p

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Radionuclide Production Cross Section



21

Incident Energy (MeV)

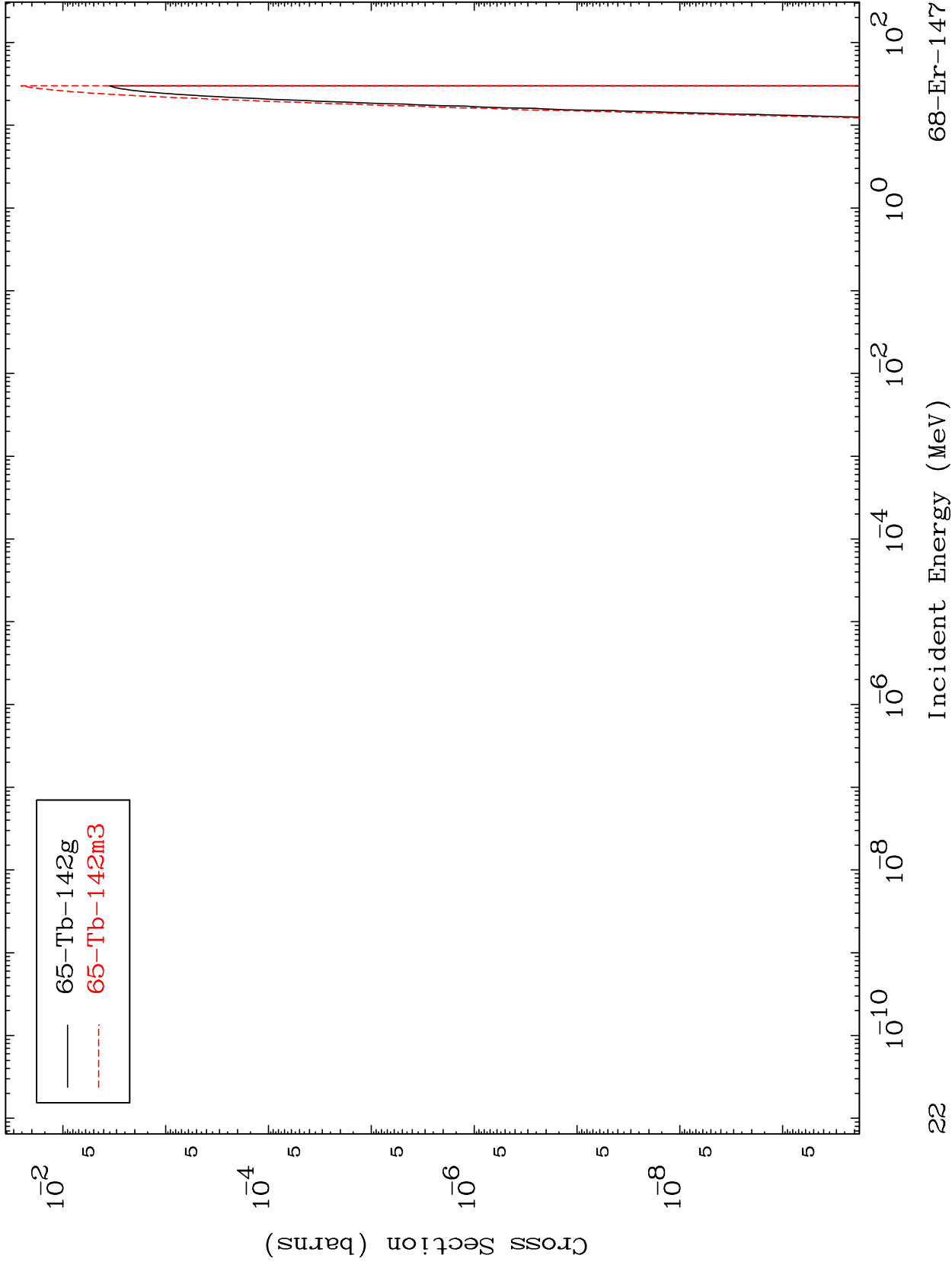
68-Er-147

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(n,n') p α

68-Er-147

Radionuclide Production Cross Section

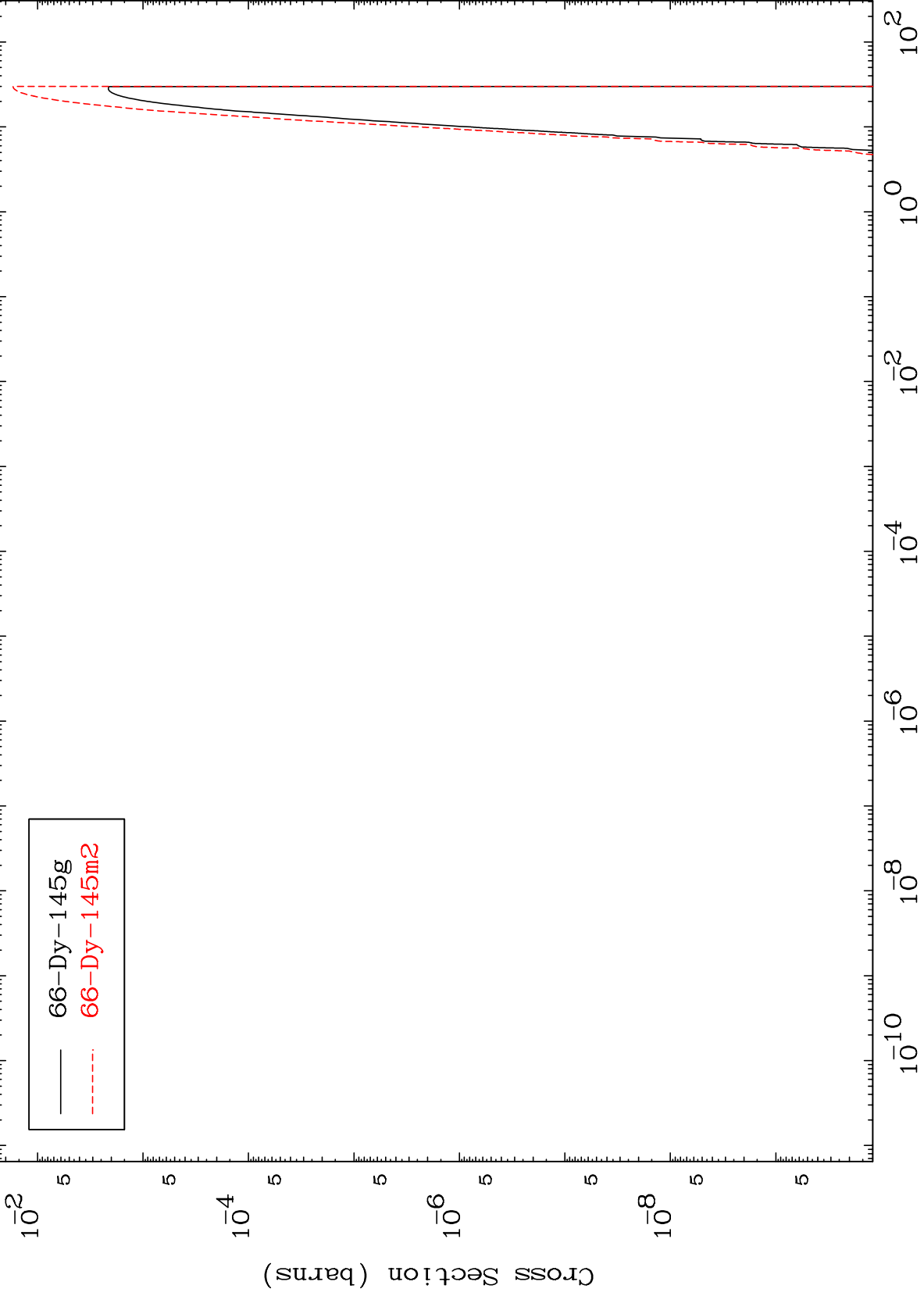


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(n,He-3)

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Radionuclide Production Cross Section



23

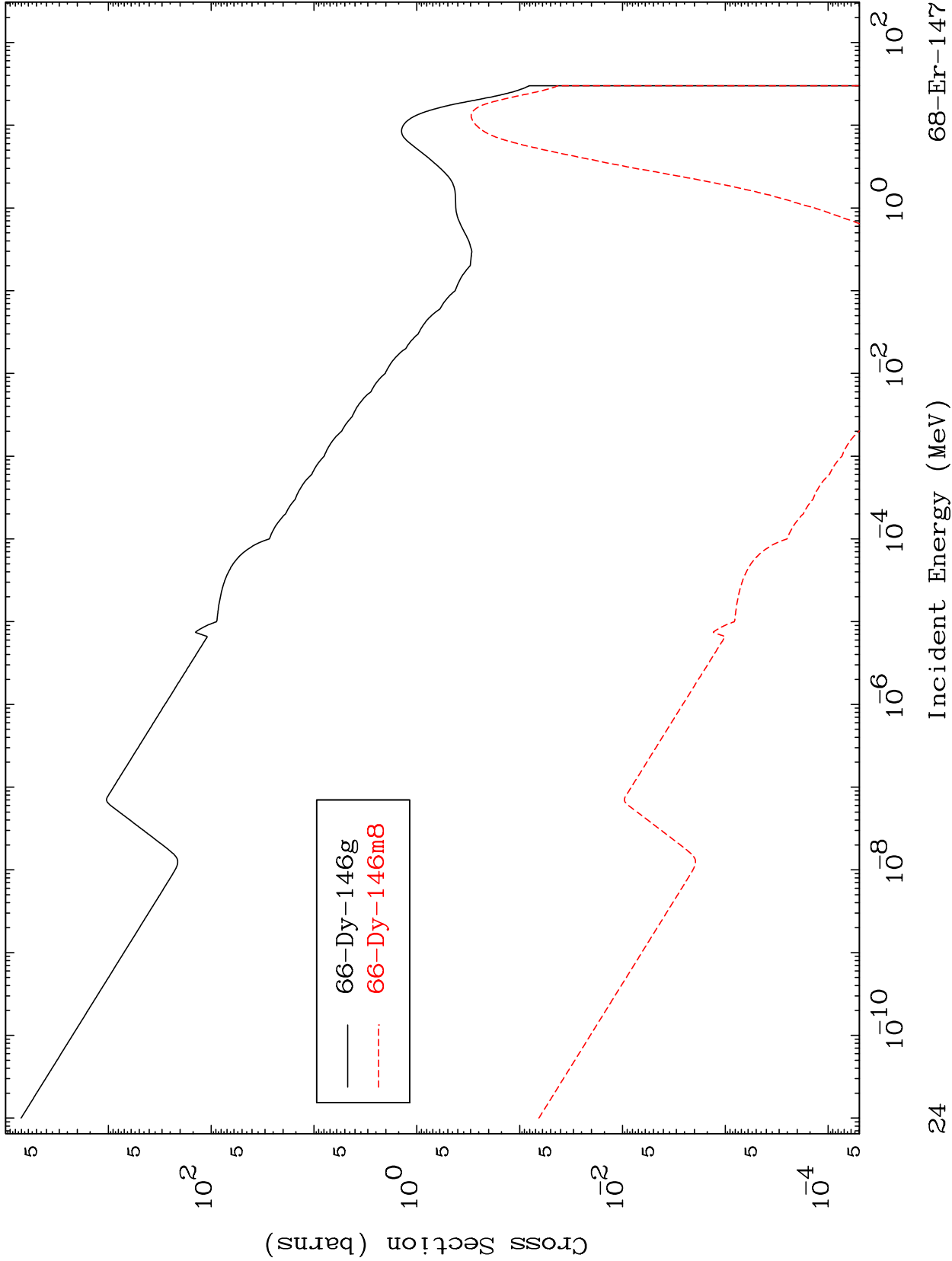
Incident Energy (MeV)

68-Er-147

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68-Er-147

Radionuclide Production Cross Section

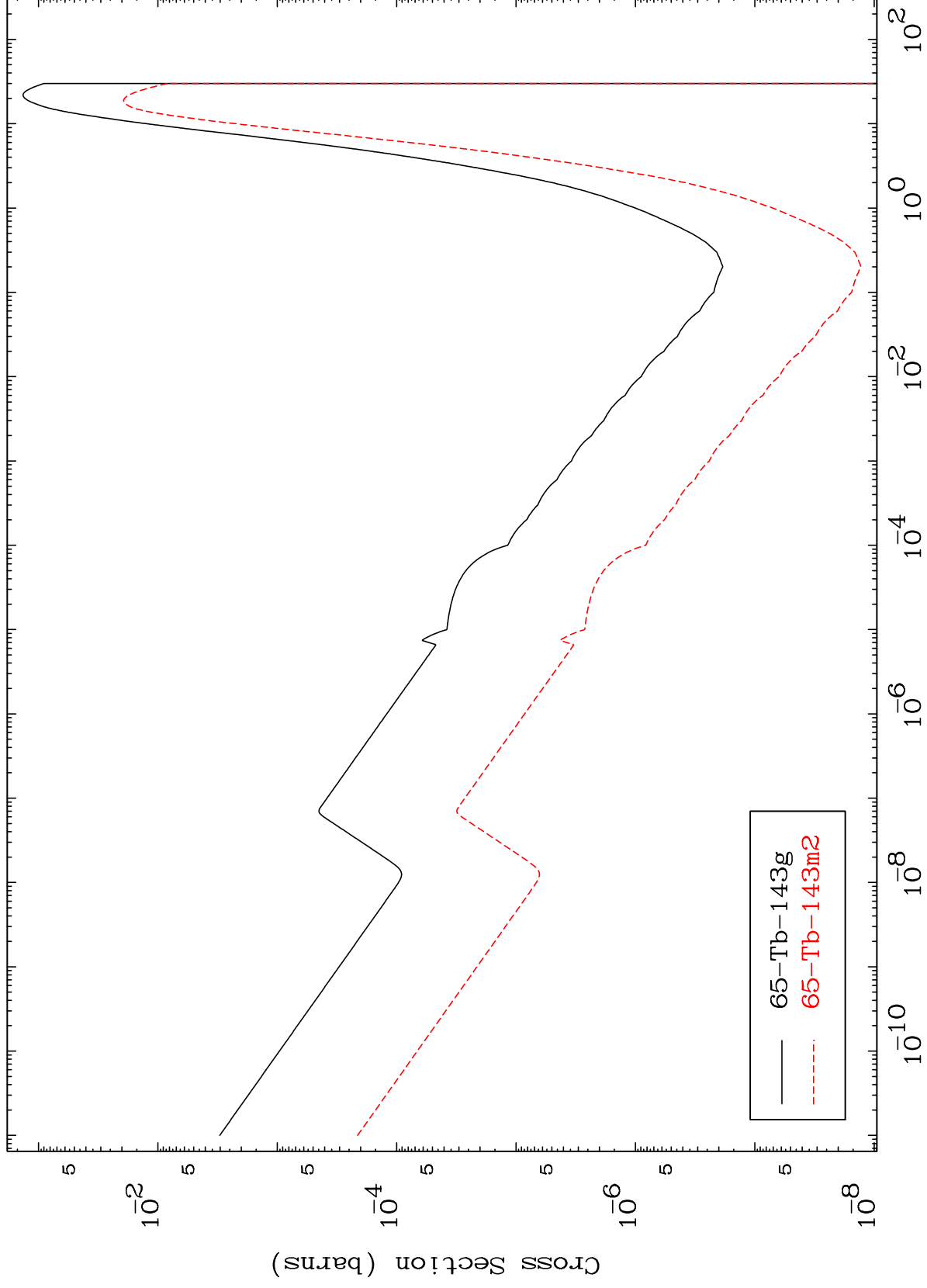


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(n,p) α

68-Er-147

Radionuclide Production Cross Section



25

Incident Energy (MeV)

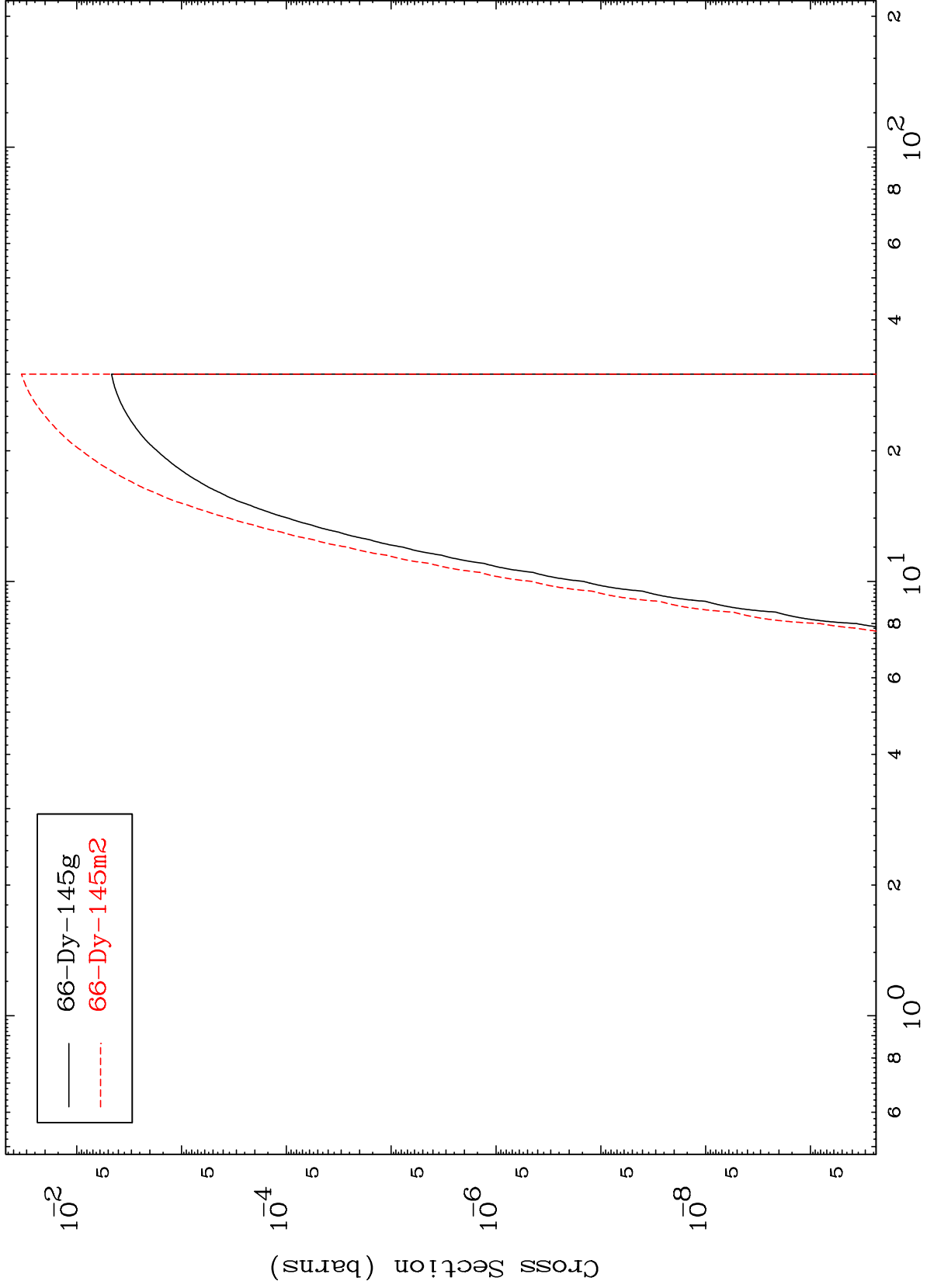
68-Er-147

MAT 6781

(n,p) d

68-Er-147

Radionuclide Production Cross Section



26

Incident Energy (MeV)

68-Er-147

MAT 6781

(n,d) α

68-Er-147

Radionuclide Production Cross Section

