

Program EVALPLOT
(Version 2021-1)

by

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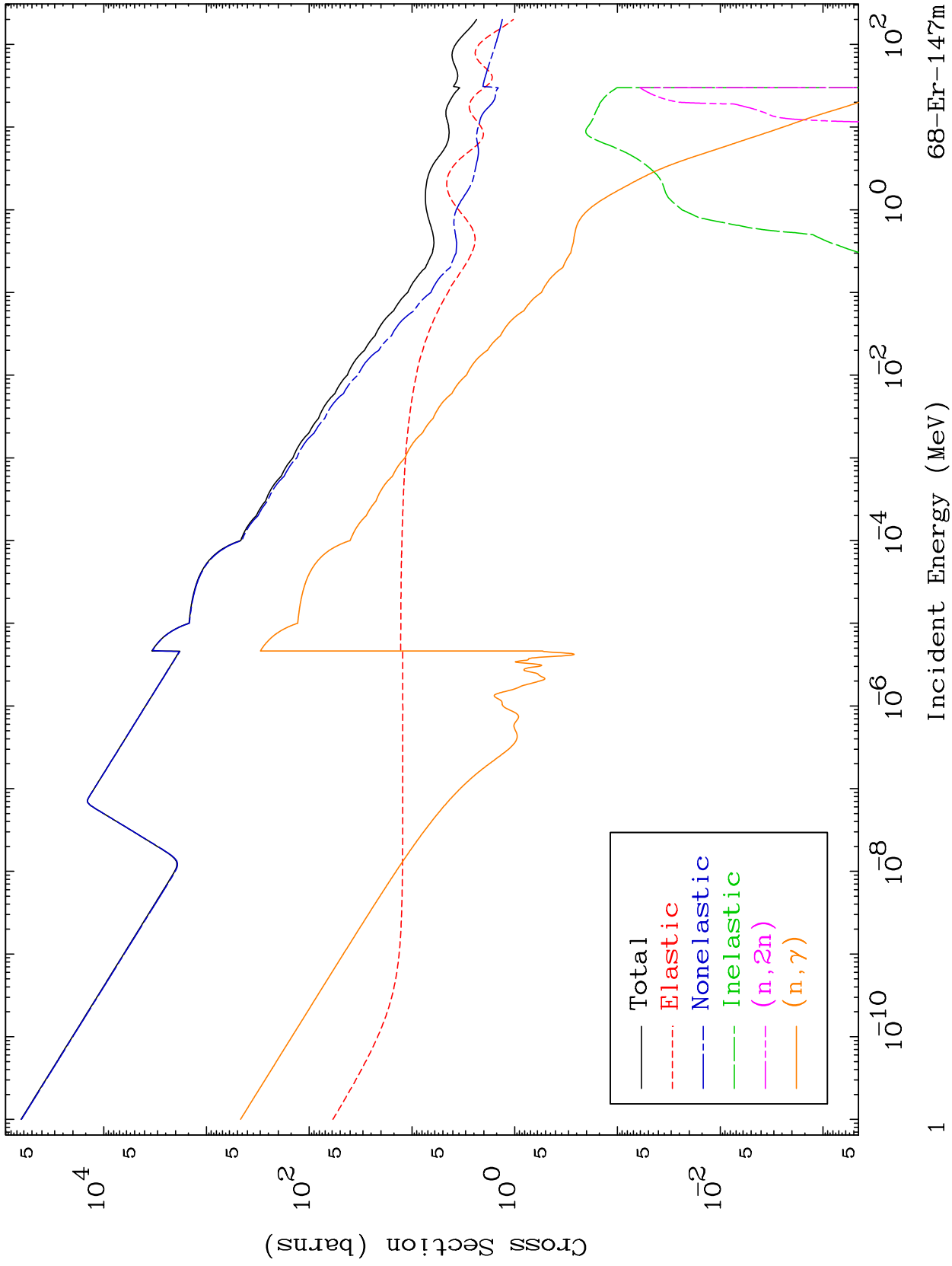
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6781

Neutron Major
293 Kelvin Cross Sections

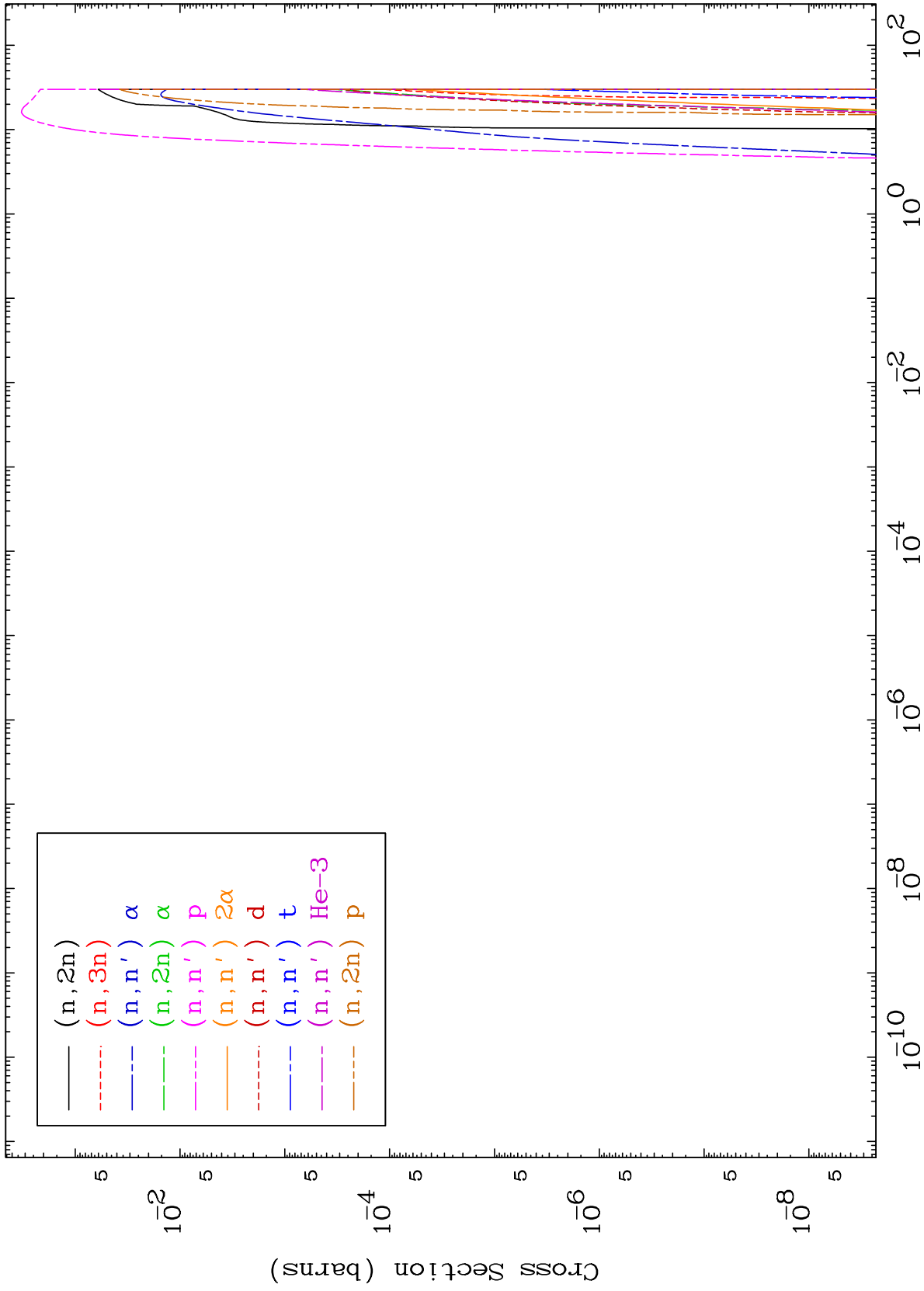
68-Er-147m



MAT 6781

Neutron Absorption 293 Kelvin Cross Sections

68-Er-147m



2

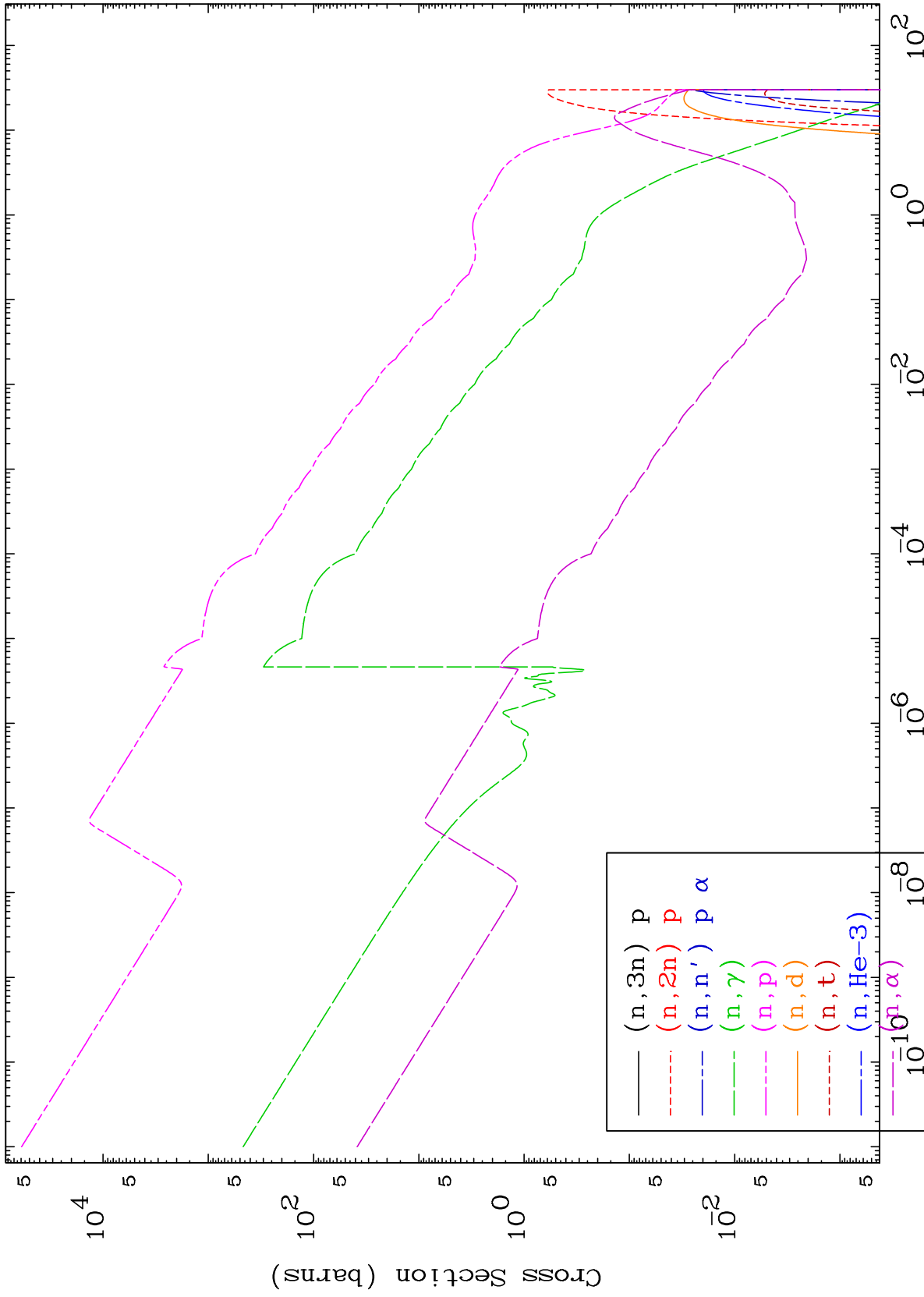
Incident Energy (MeV)

68-Er-147m

MAT 6781

Neutron Absorption 293 Kelvin Cross Sections

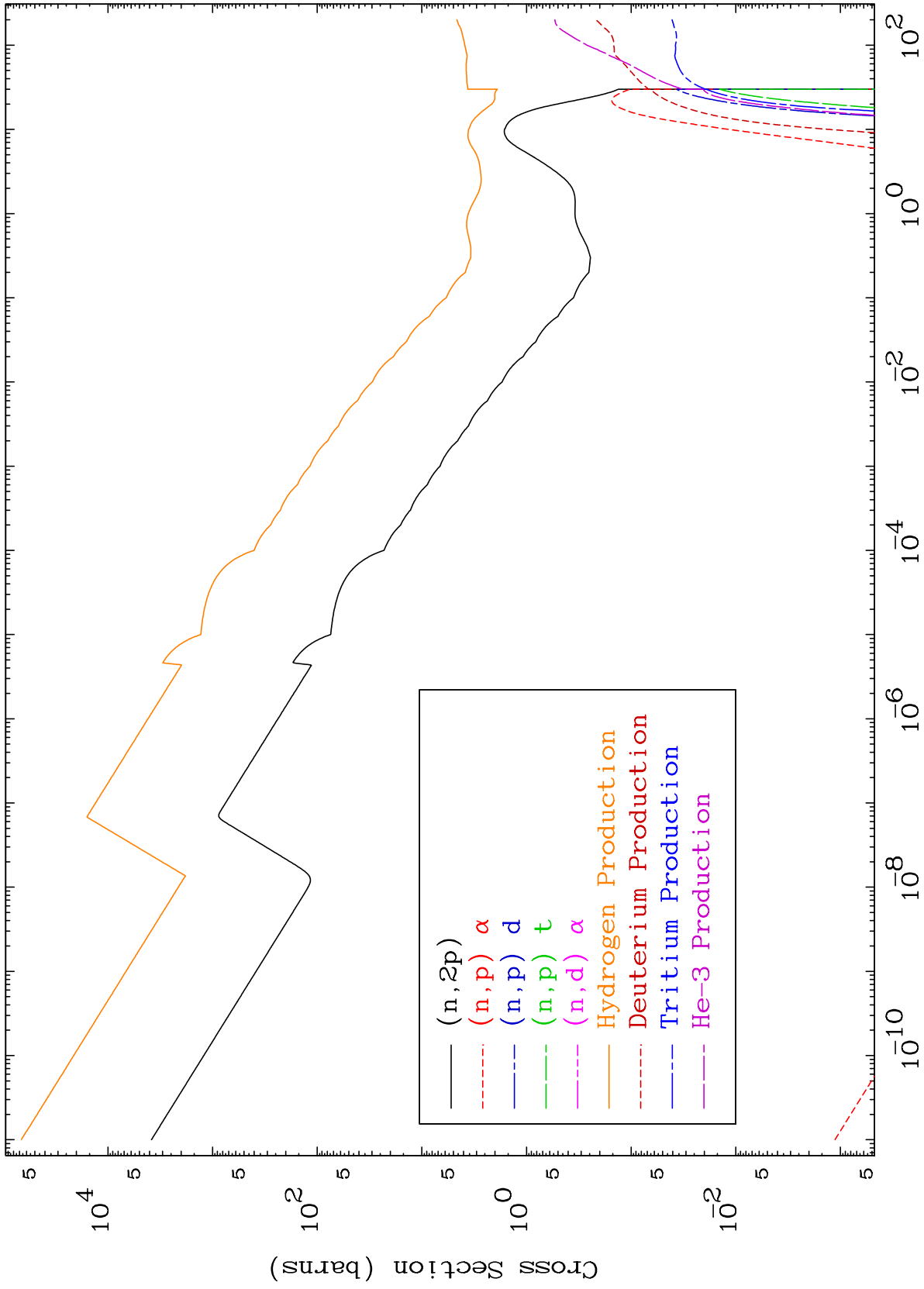
68-Er-147m



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Neutron Absorption
293 Kelvin Cross Sections

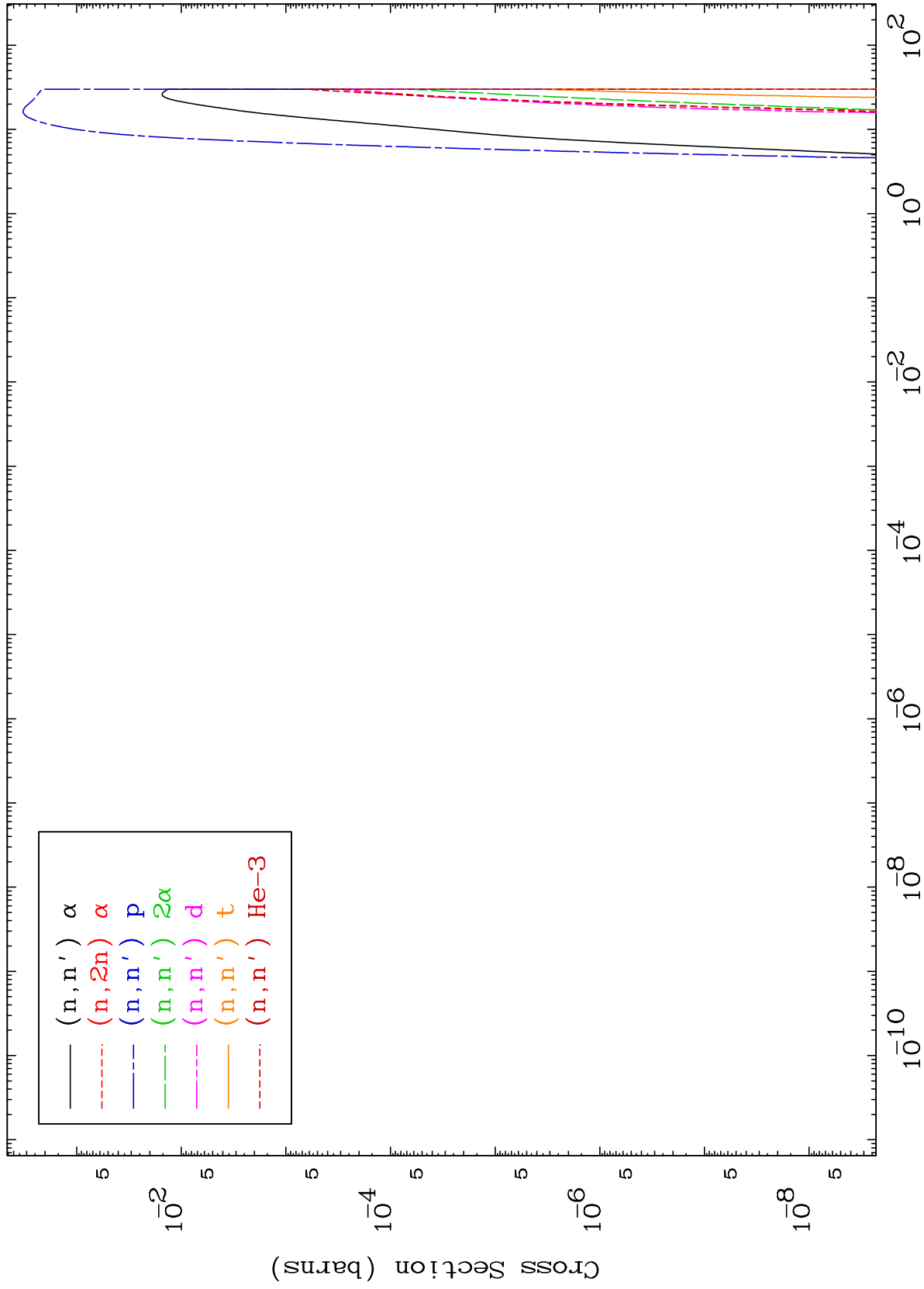
68-Er-147m



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Charged Particle
293 Kelvin Cross Sections

68-Er-147m



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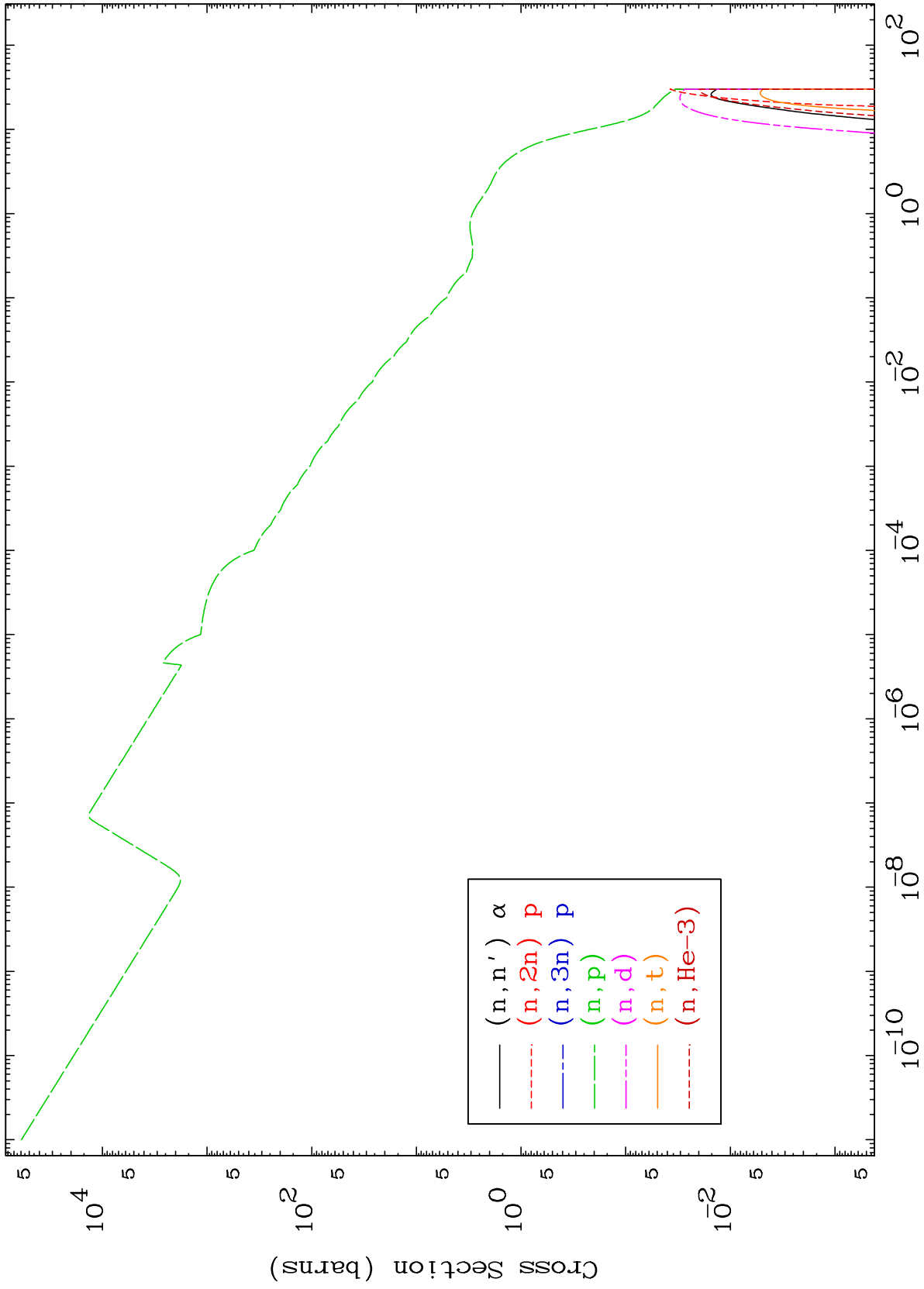
Incident Energy (MeV)

68-Er-147m

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Charged Particle
293 Kelvin Cross Sections

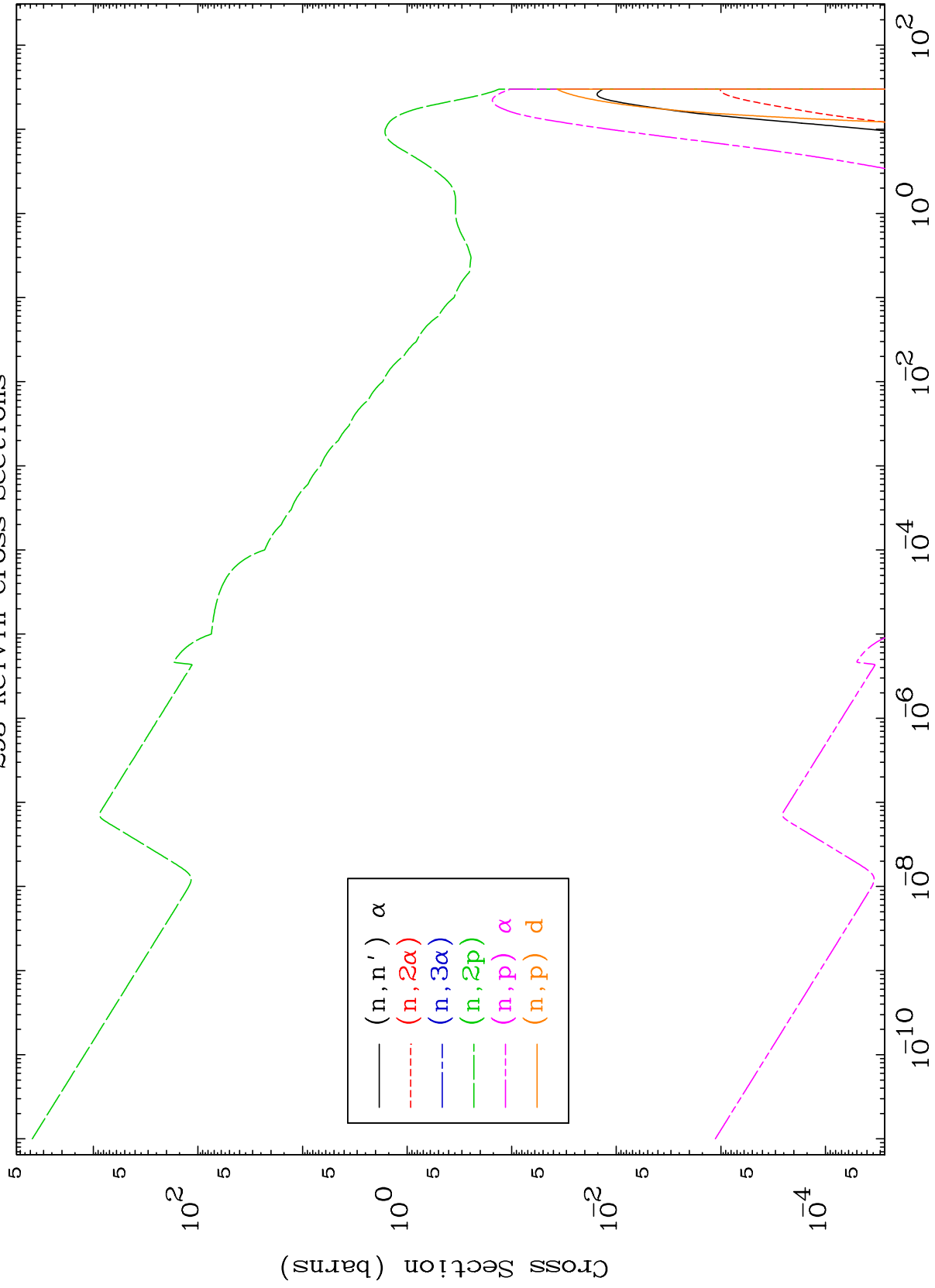
68-Er-147m



MAT 6781

Charged Particle
293 Kelvin Cross Sections

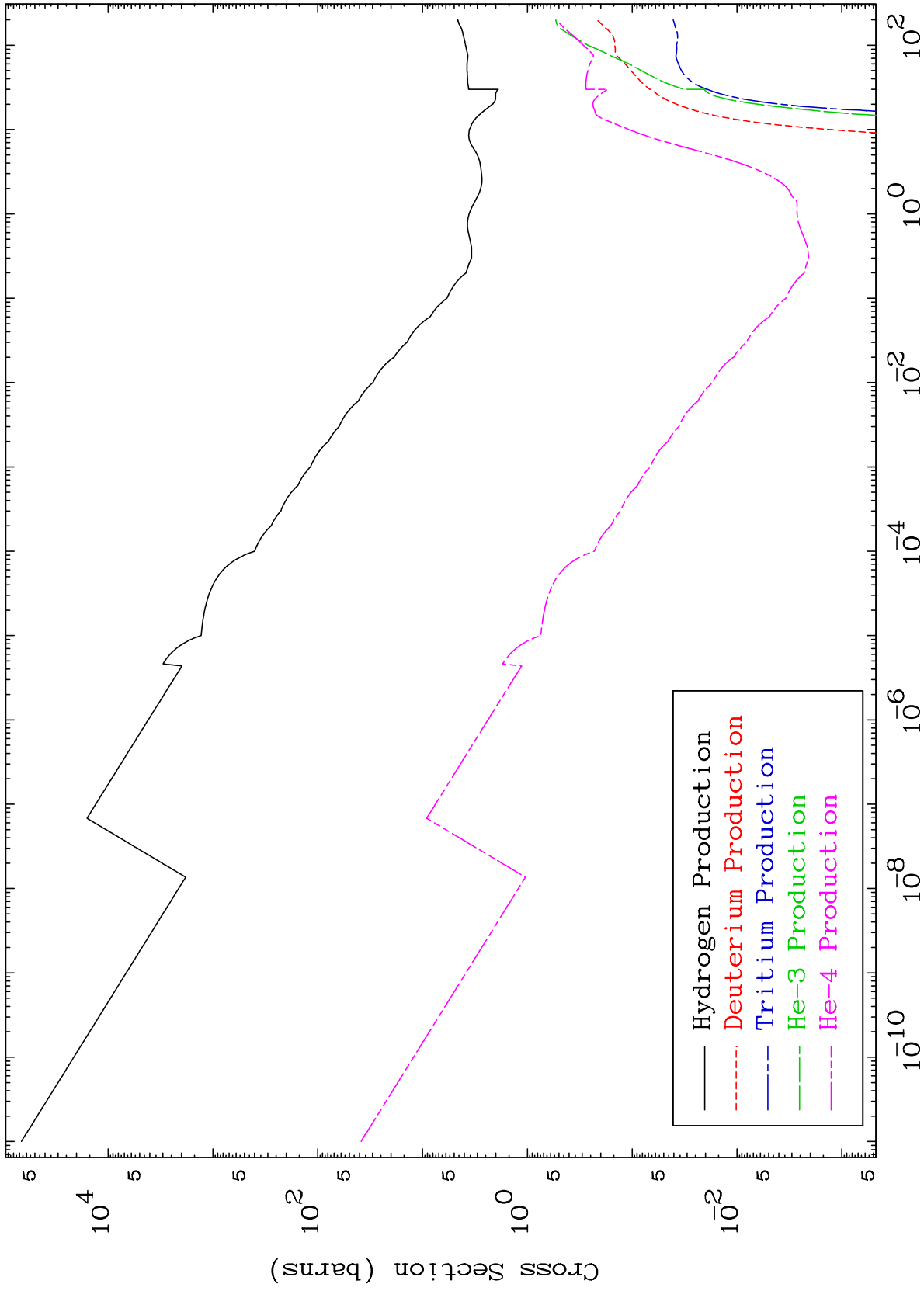
68-Er-147m



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Particle Production
293 Kelvin Cross Sections

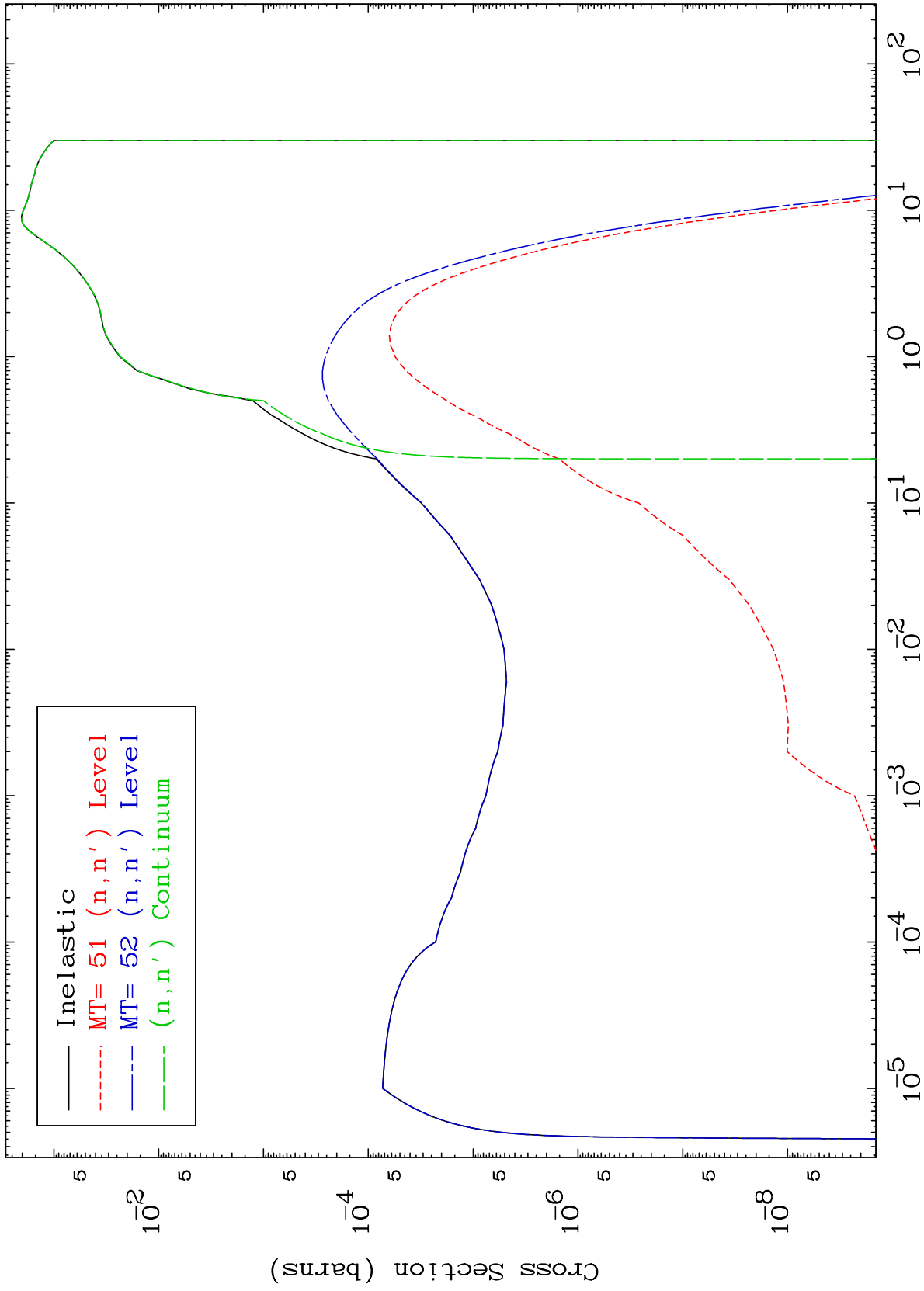
68-Er-147m



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(n,n') Levels
293 Kelvin Cross Sections

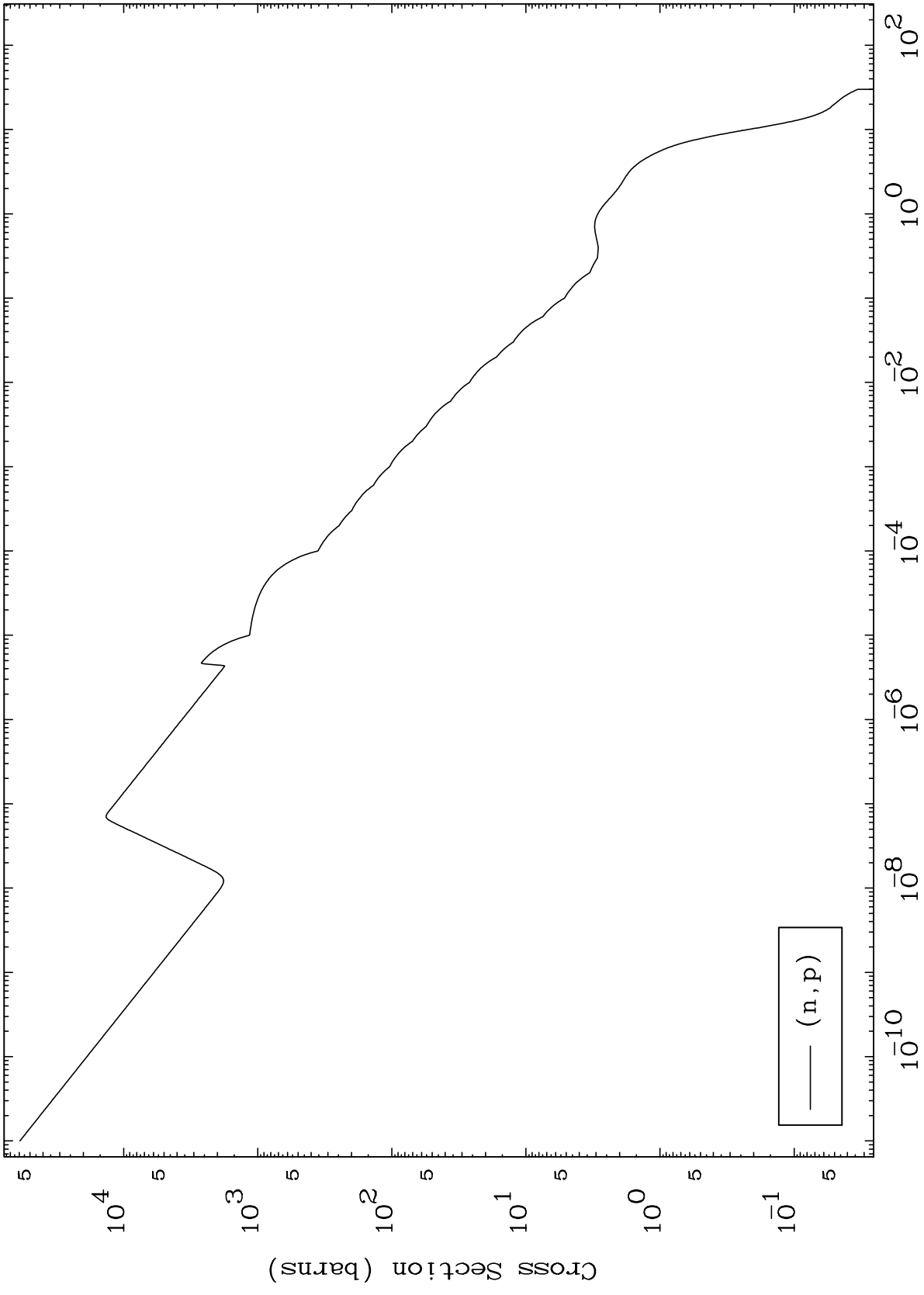
68-Er-147m



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(n,p) Levels
293 Kelvin Cross Sections

68-Er-147m



(n,p)

10

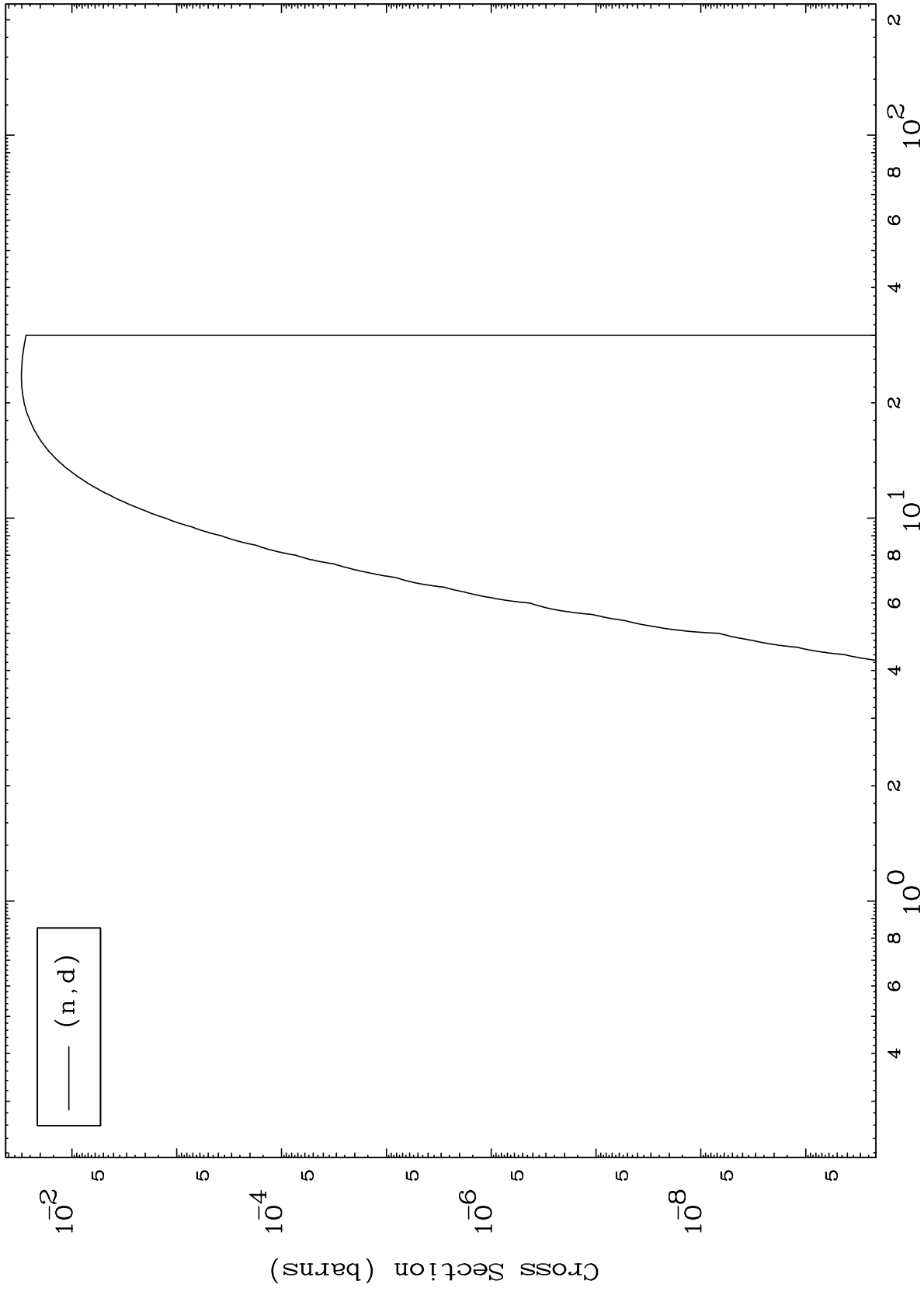
Incident Energy (MeV)

68-Er-147m

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(n,d) Levels
293 Kelvin Cross Sections

68-Er-147m



11

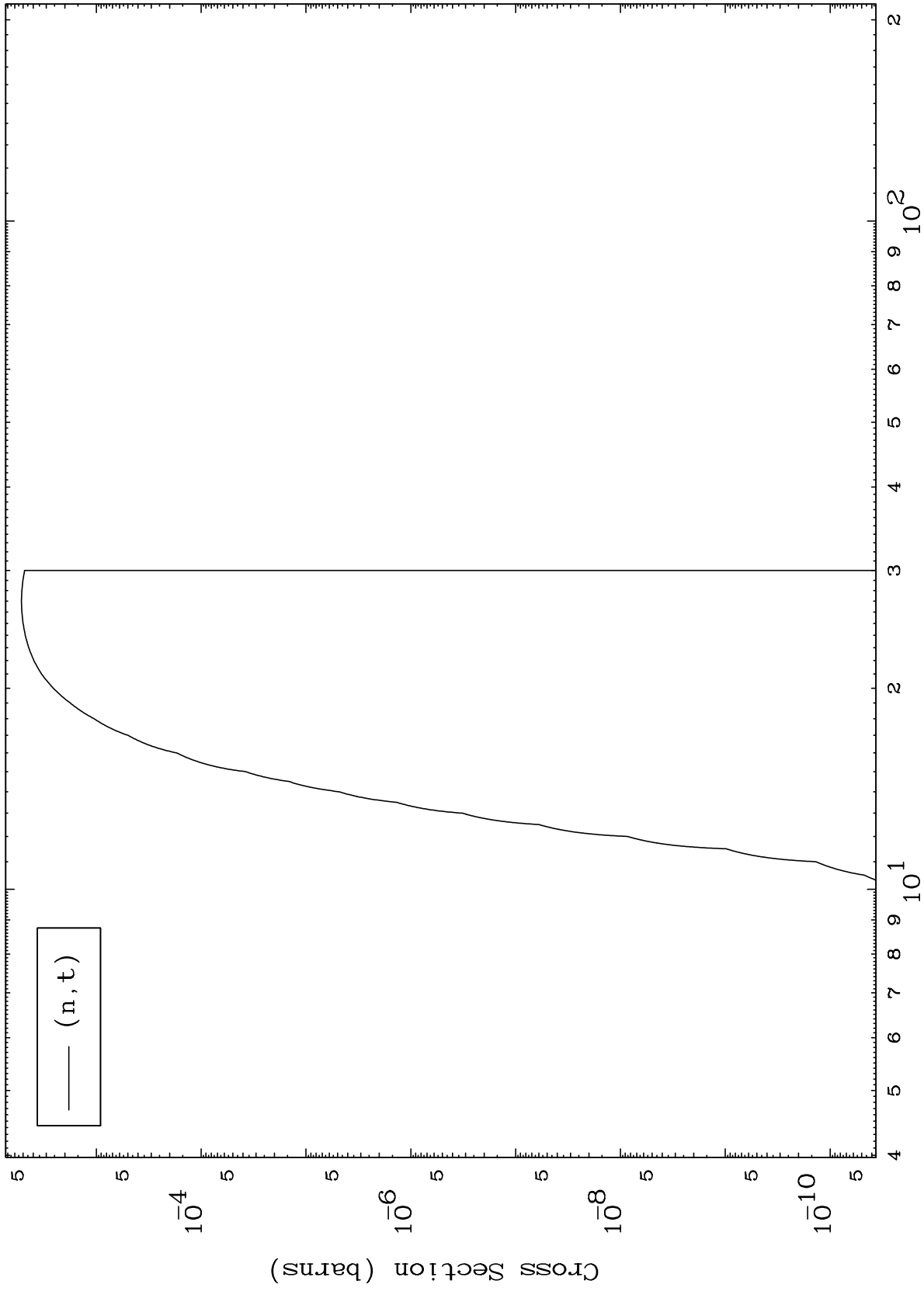
Incident Energy (MeV)

68-Er-147m

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(n,t) Levels
293 Kelvin Cross Sections

68-Er-147m



12

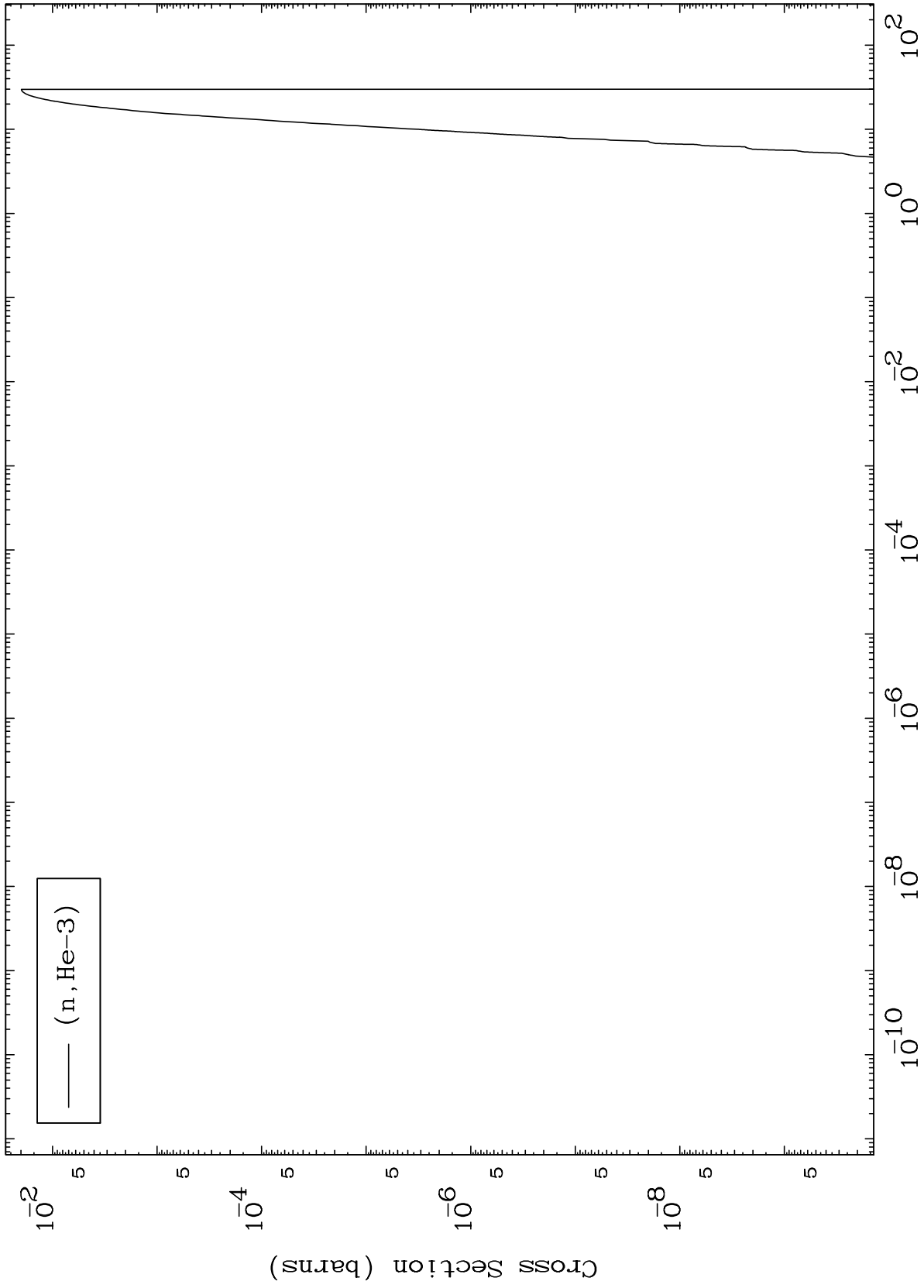
Incident Energy (MeV)

68-Er-147m

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(n,He3) Levels
293 Kelvin Cross Sections

68-Er-147m



13

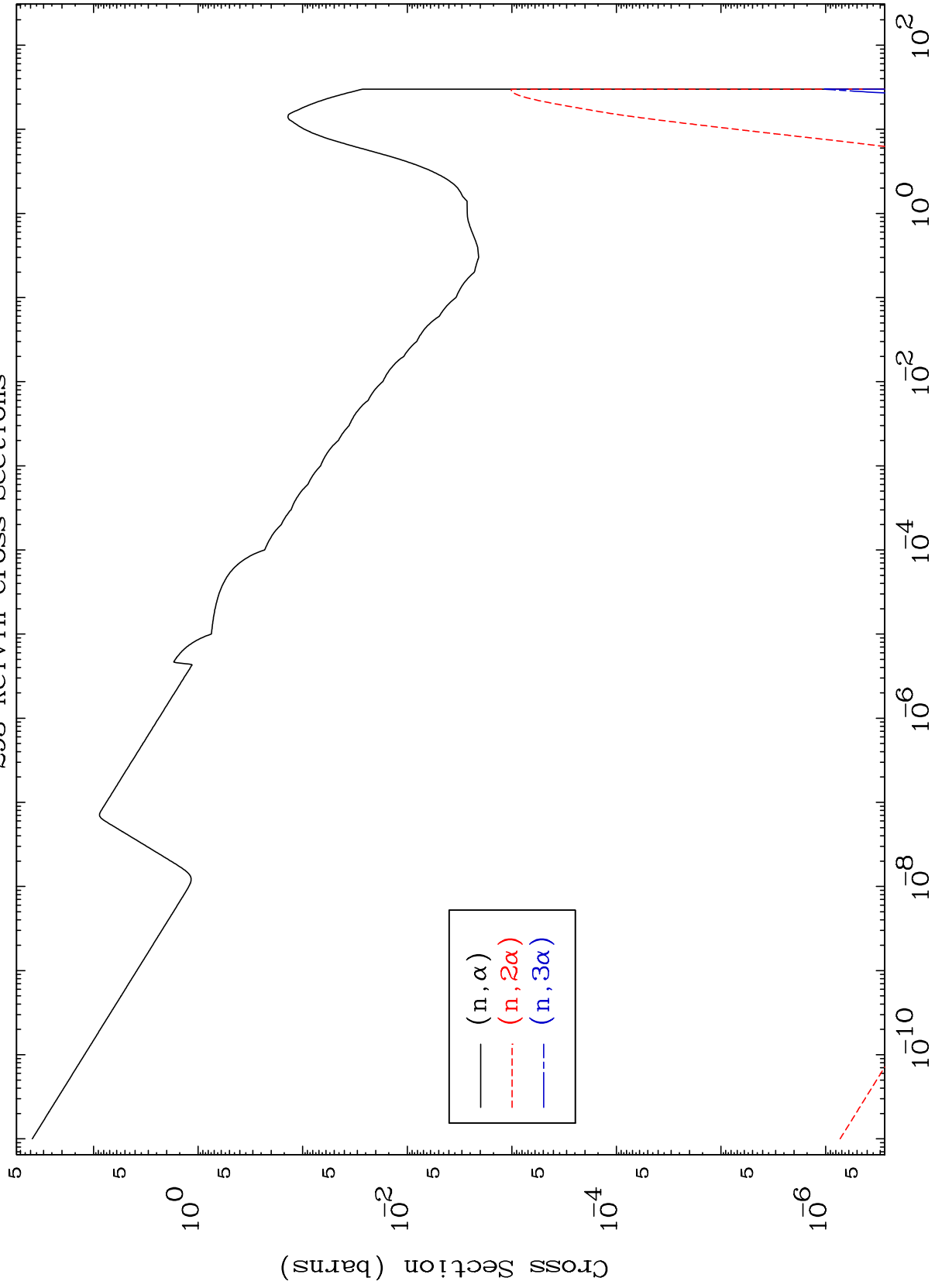
Incident Energy (MeV)

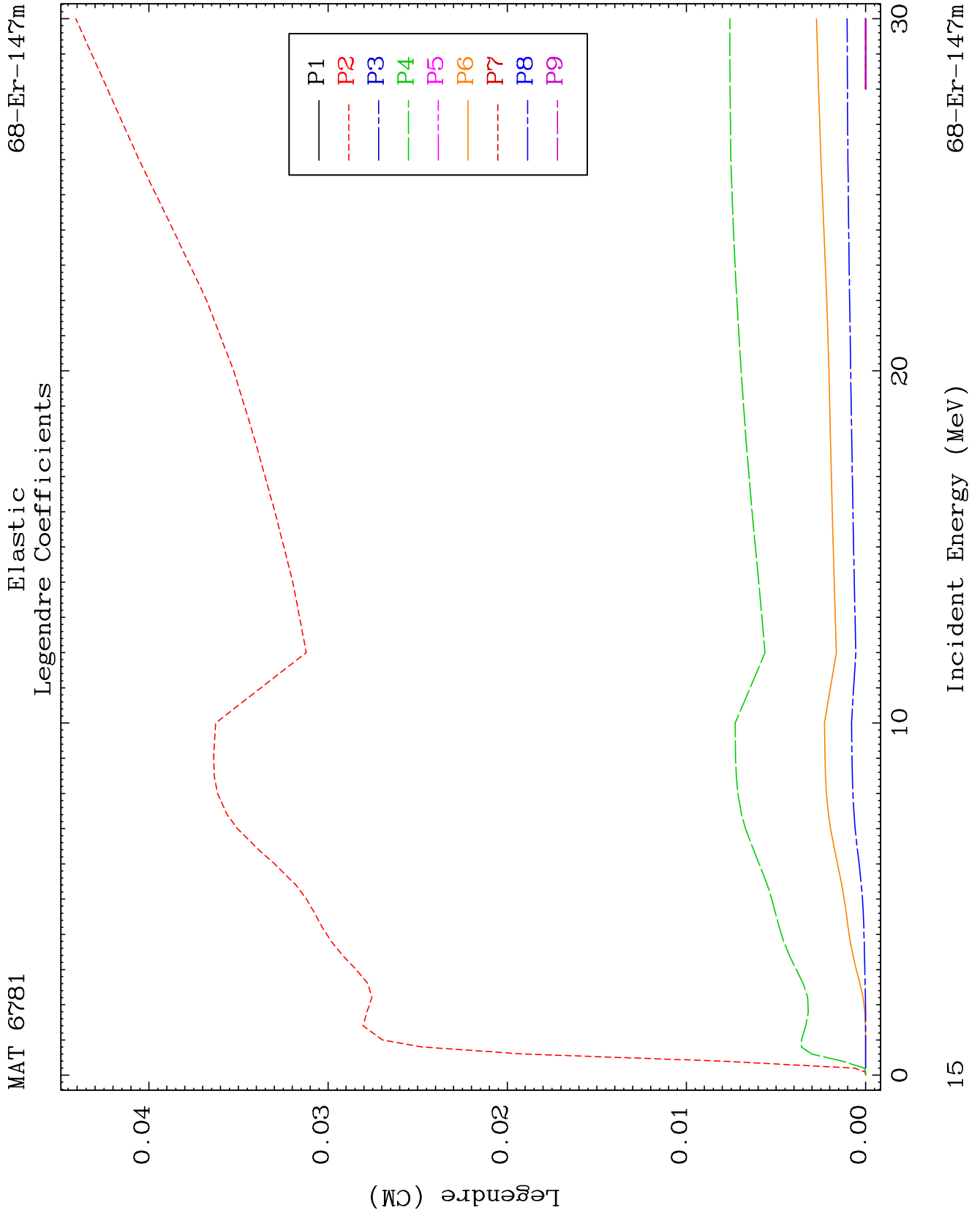
68-Er-147m

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(n,α) Levels
293 Kelvin Cross Sections

68-Er-147m

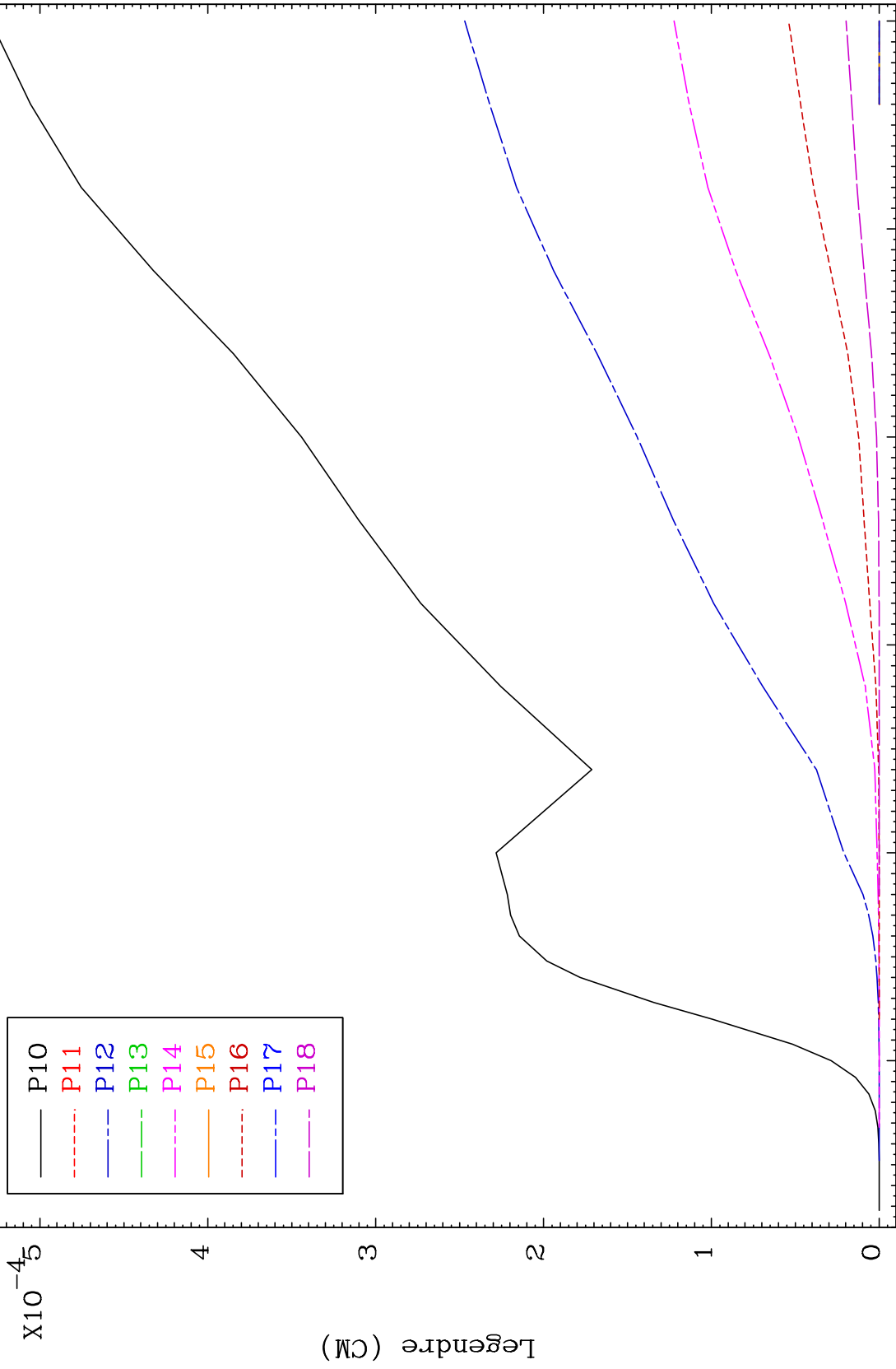
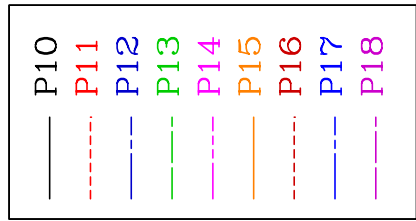




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Elastic Legendre Coefficients

68-Er-147m



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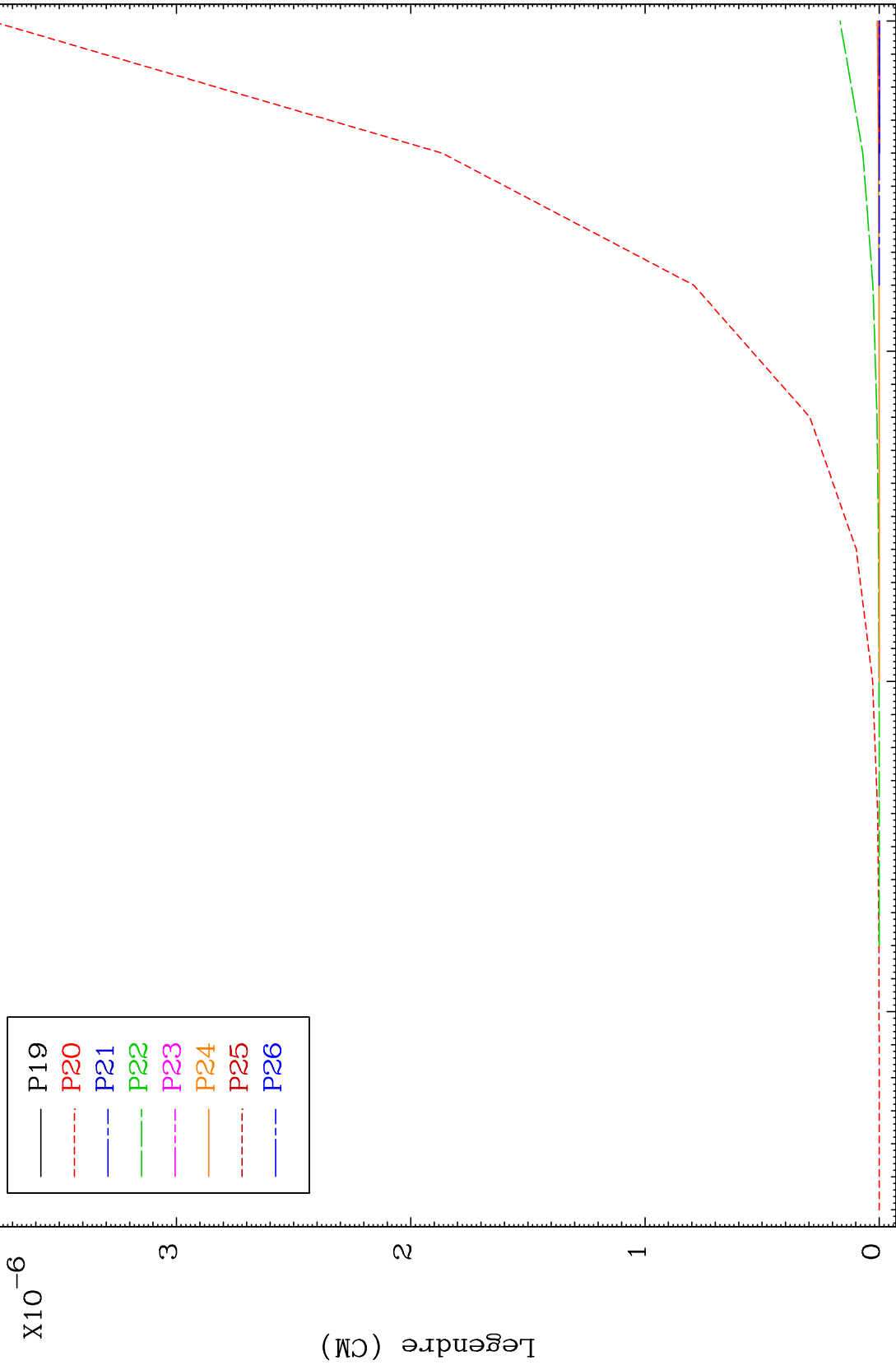
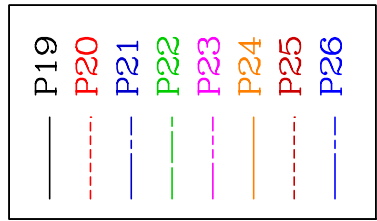
Incident Energy (MeV)

68-Er-147m

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Elastic
Legendre Coefficients

68-Er-147m



17

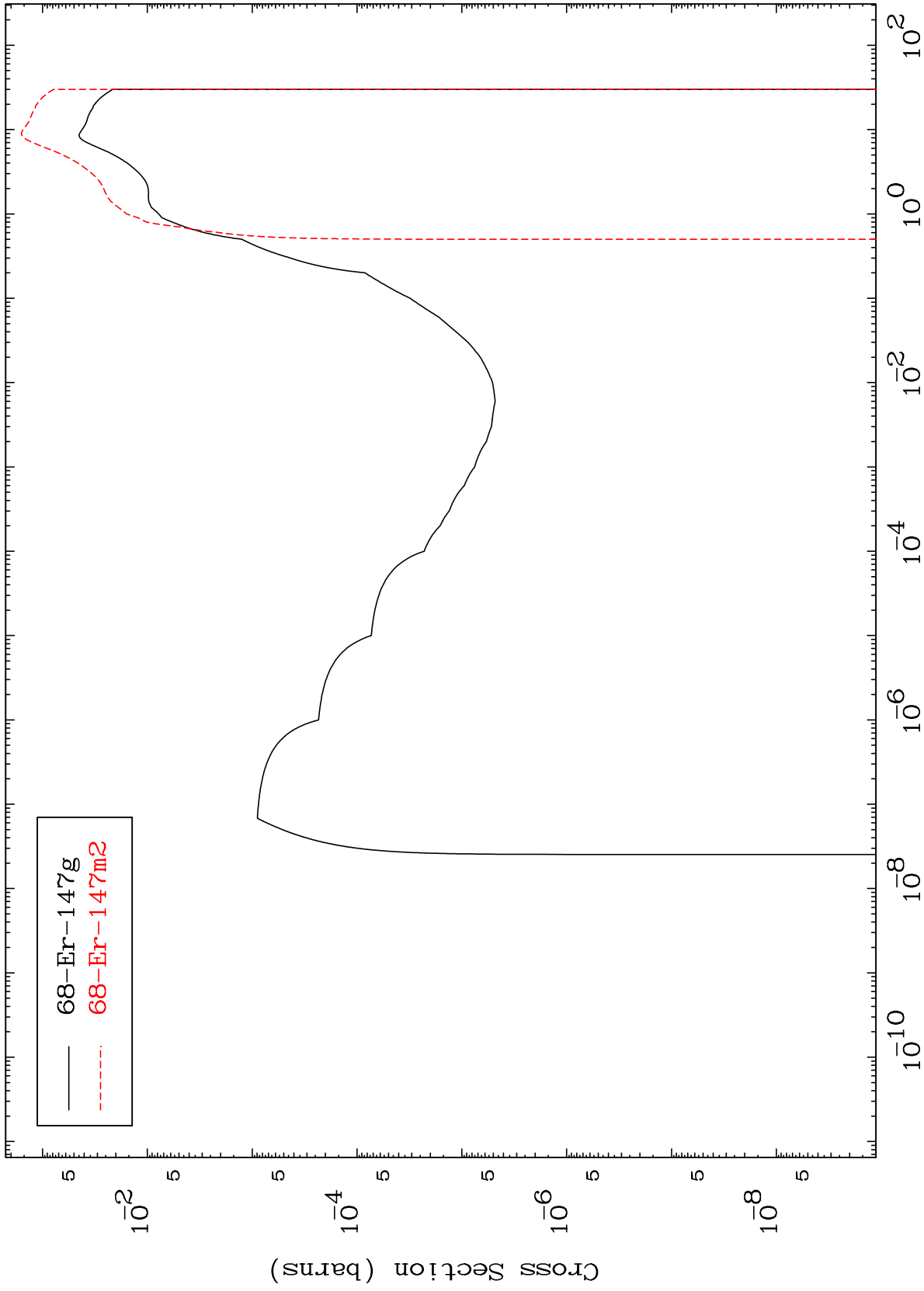
Incident Energy (MeV)

68-Er-147m

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Inelastic
Radionuclide Production Cross Section

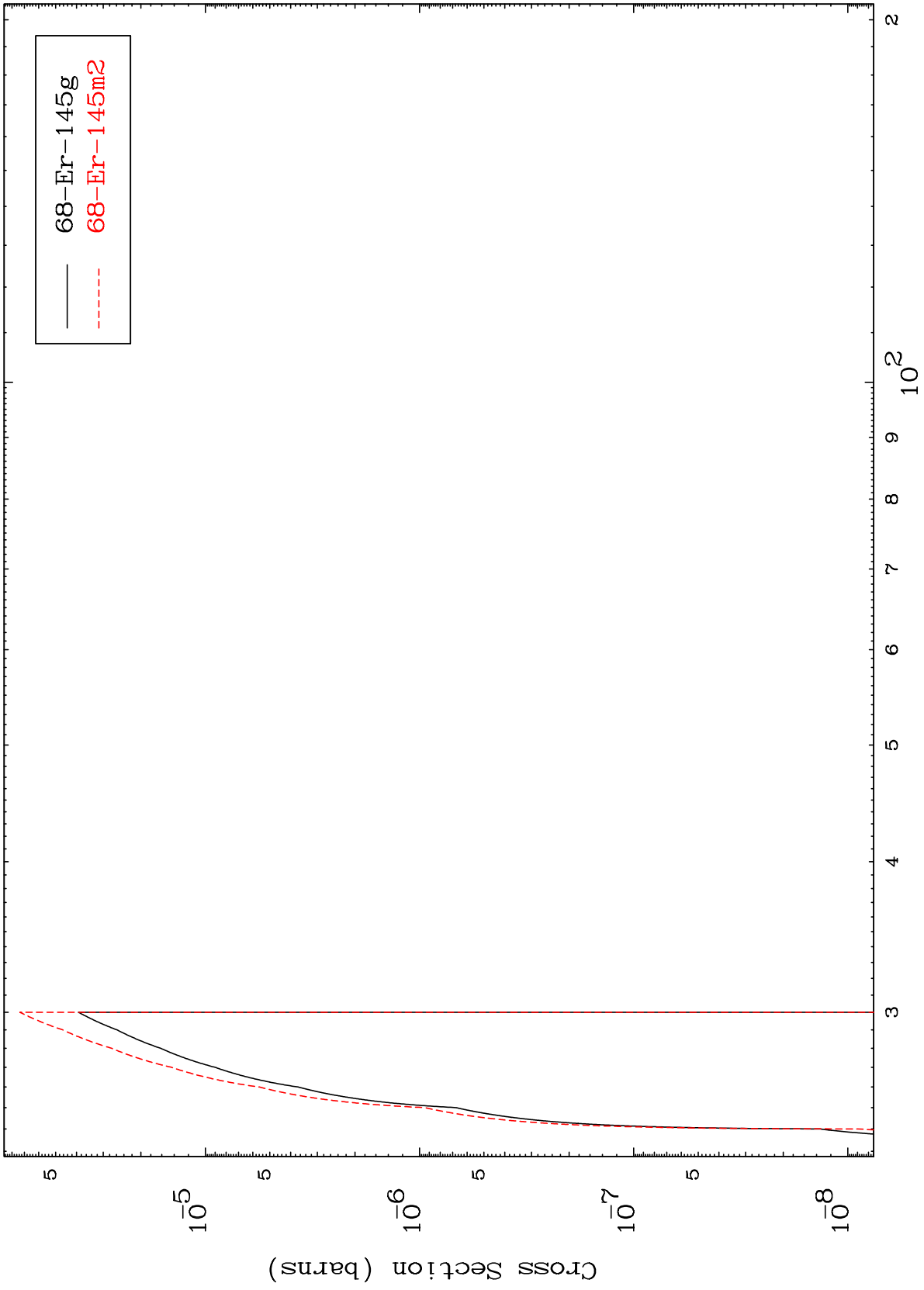
68-Er-147m



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68-Er-147m

(n,3n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

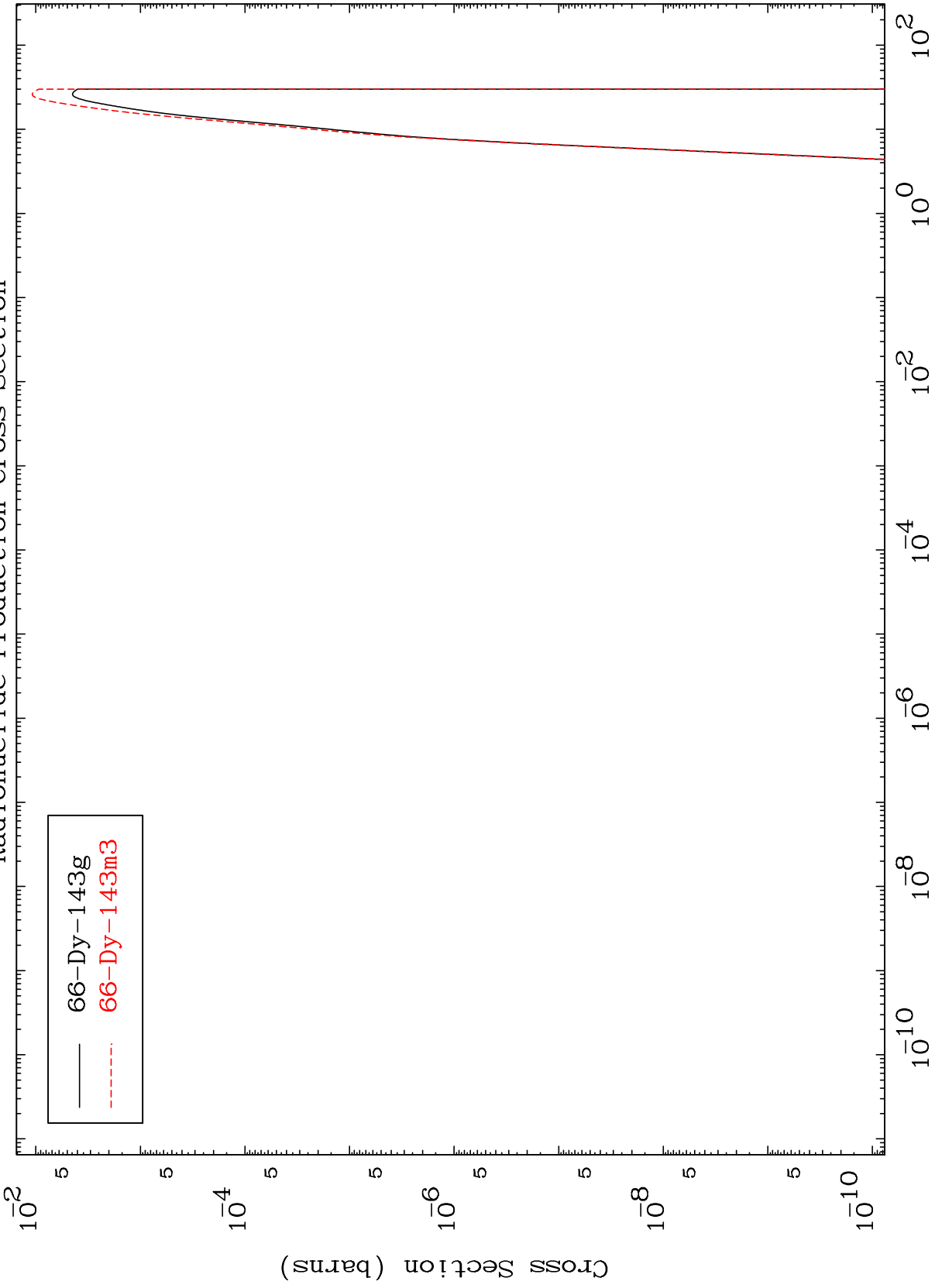
68-Er-147m

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(n,n') α

68-Er-147m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

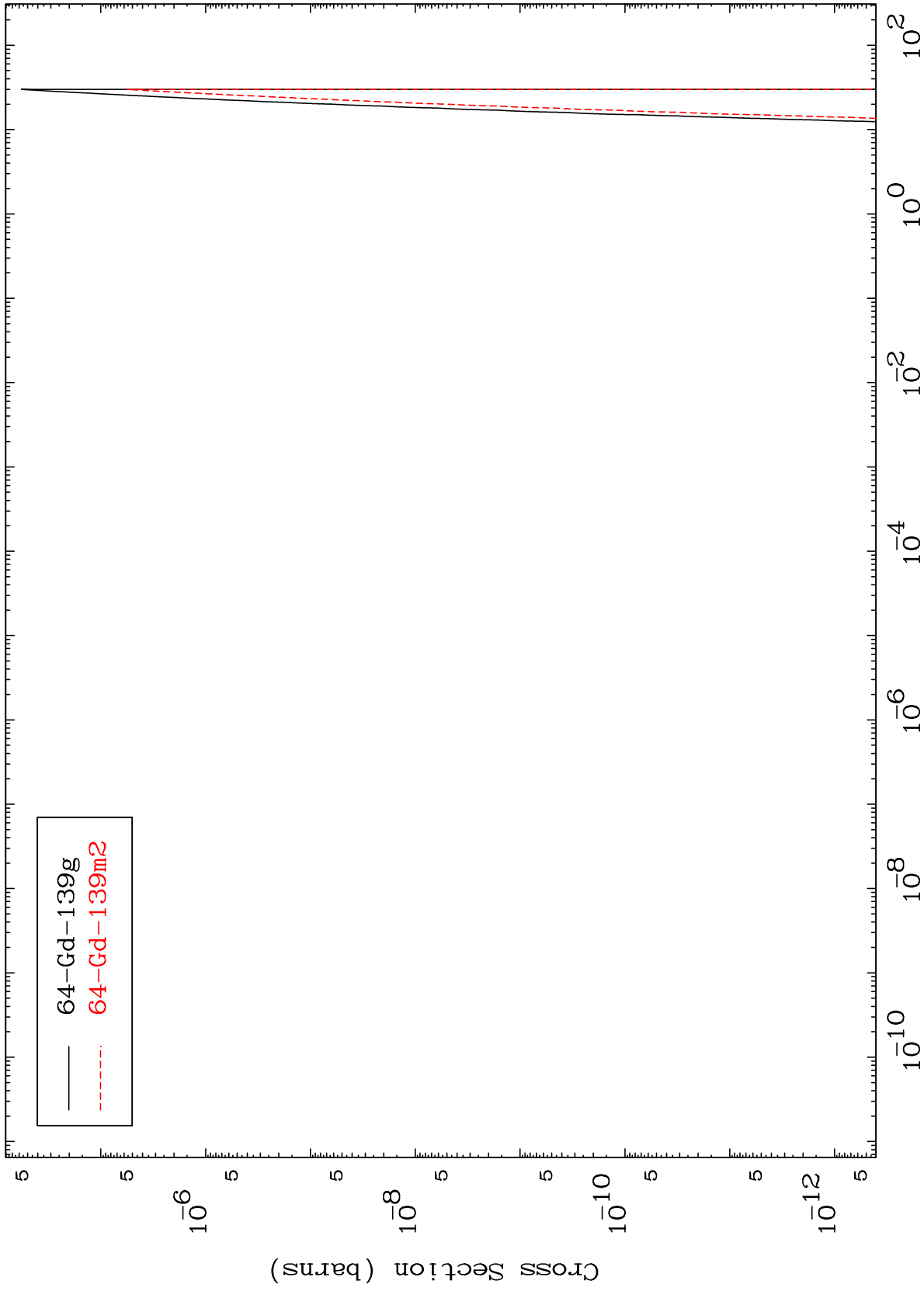
68-Er-147m

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(n,n') 2 α

68-Er-147m

Radionuclide Production Cross Section

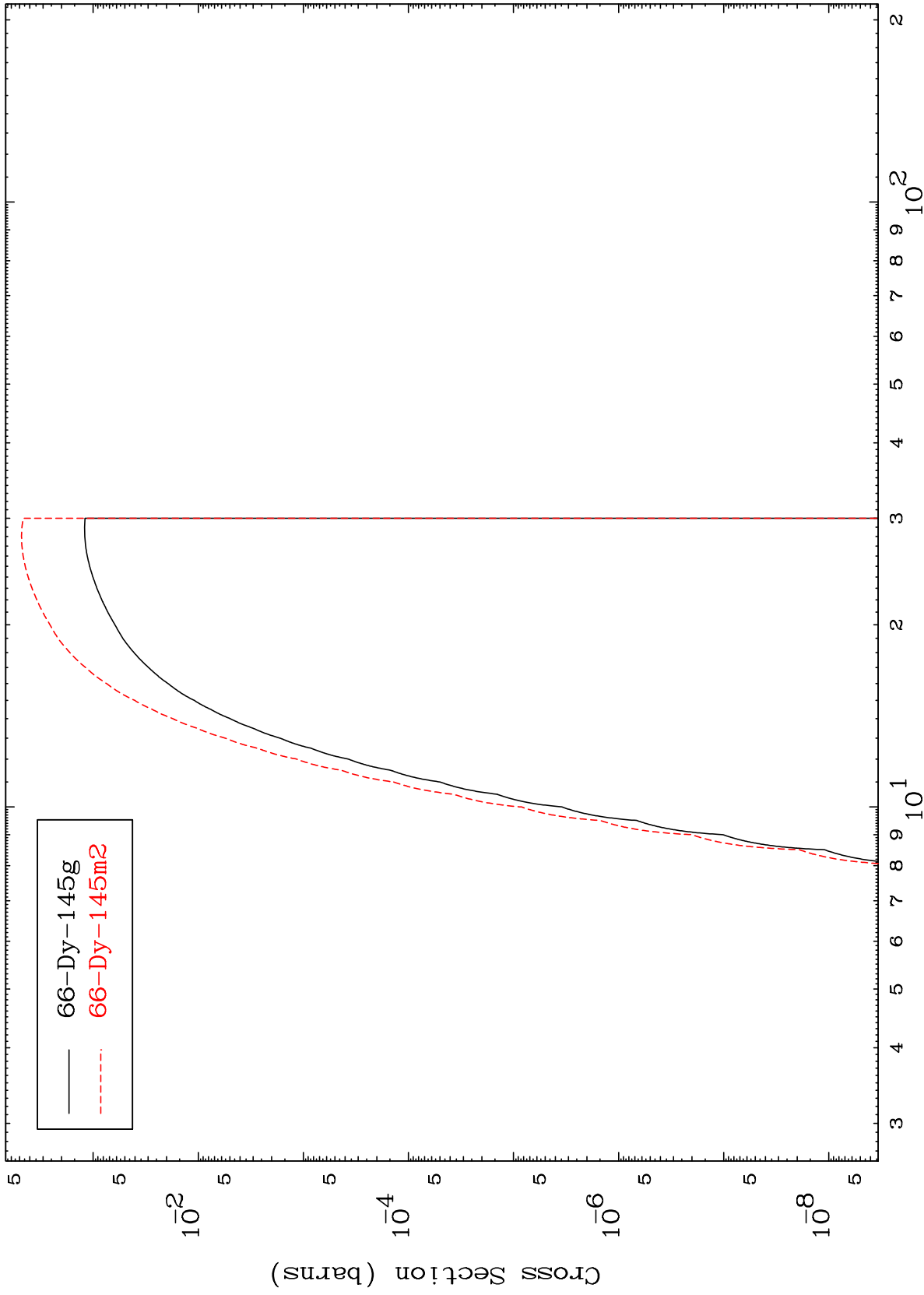


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(n,2n) p

68-Er-147m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

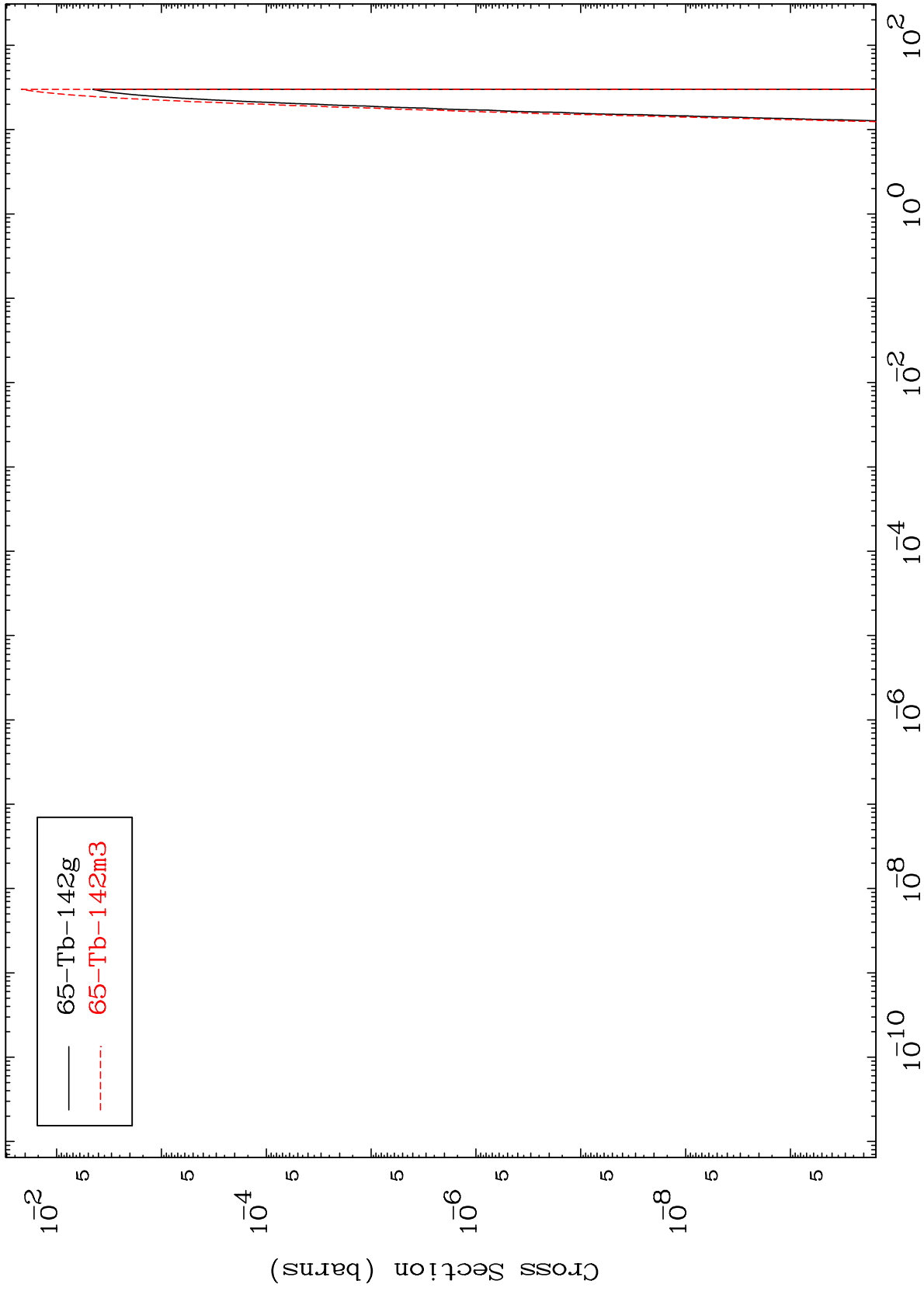
68-Er-147m

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(n,n') p α

68-Er-147m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

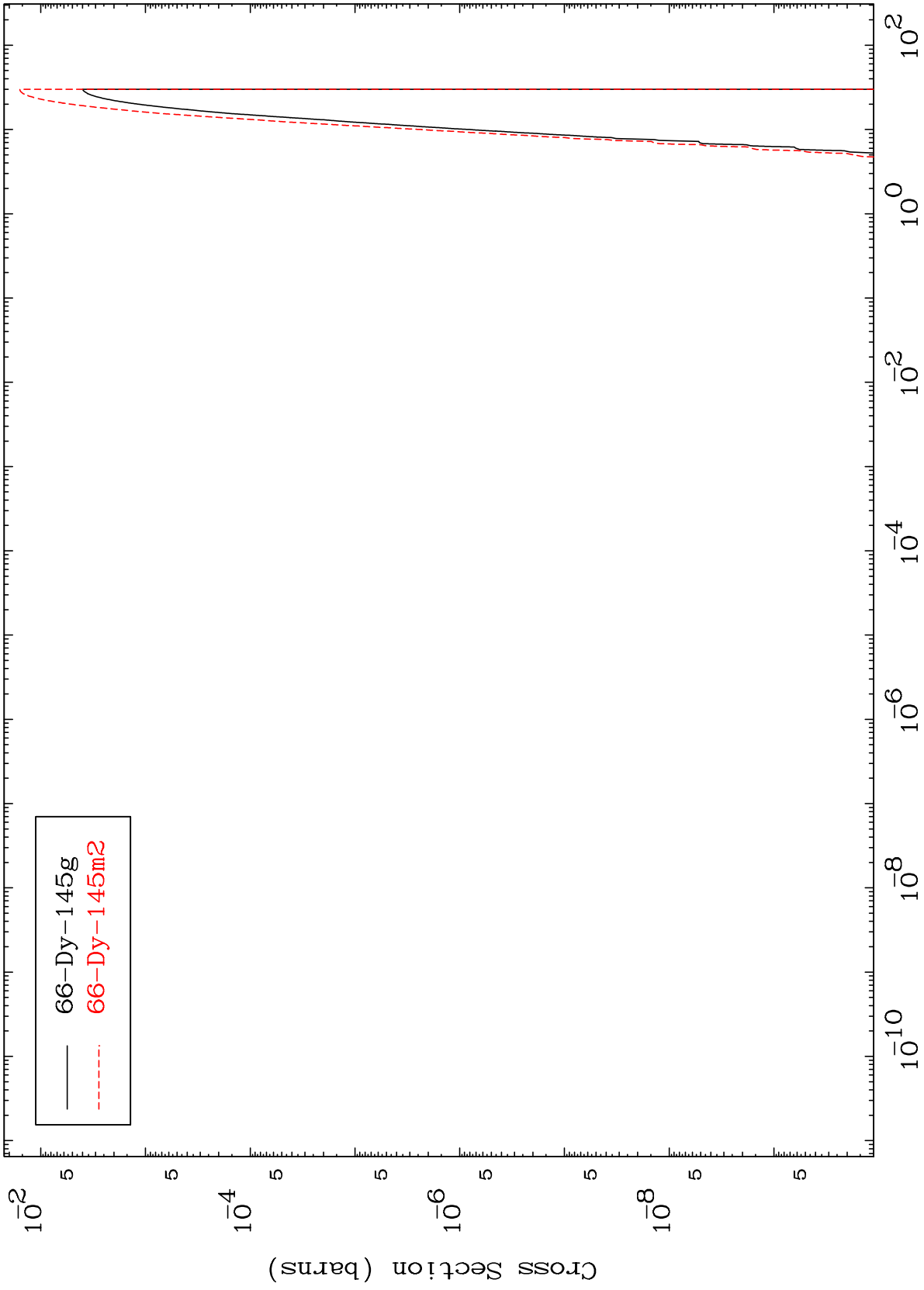
68-Er-147m

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(n, He-3)

68-Er-147m

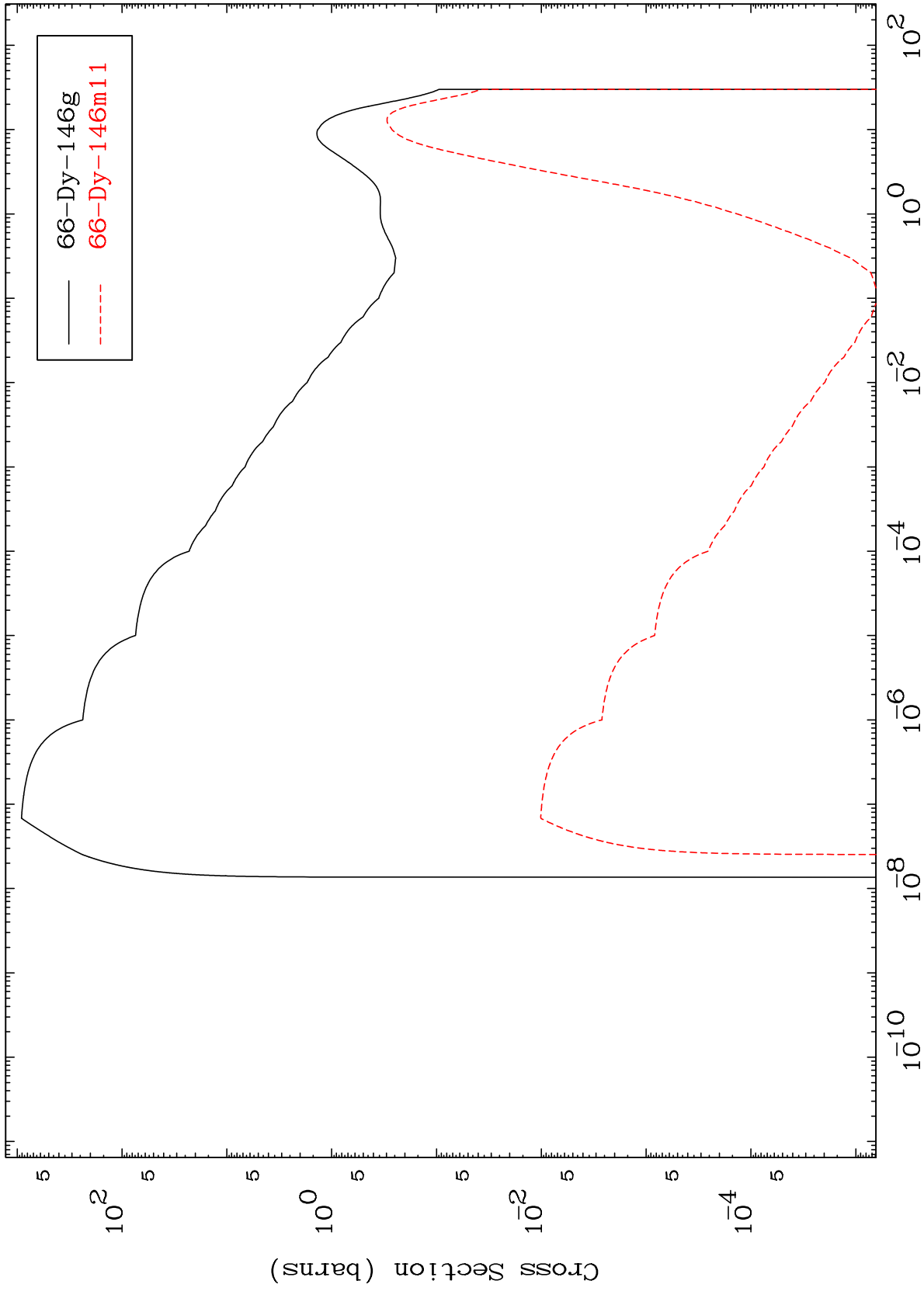
Radionuclide Production Cross Section



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68-Er-147m

(n,2p)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

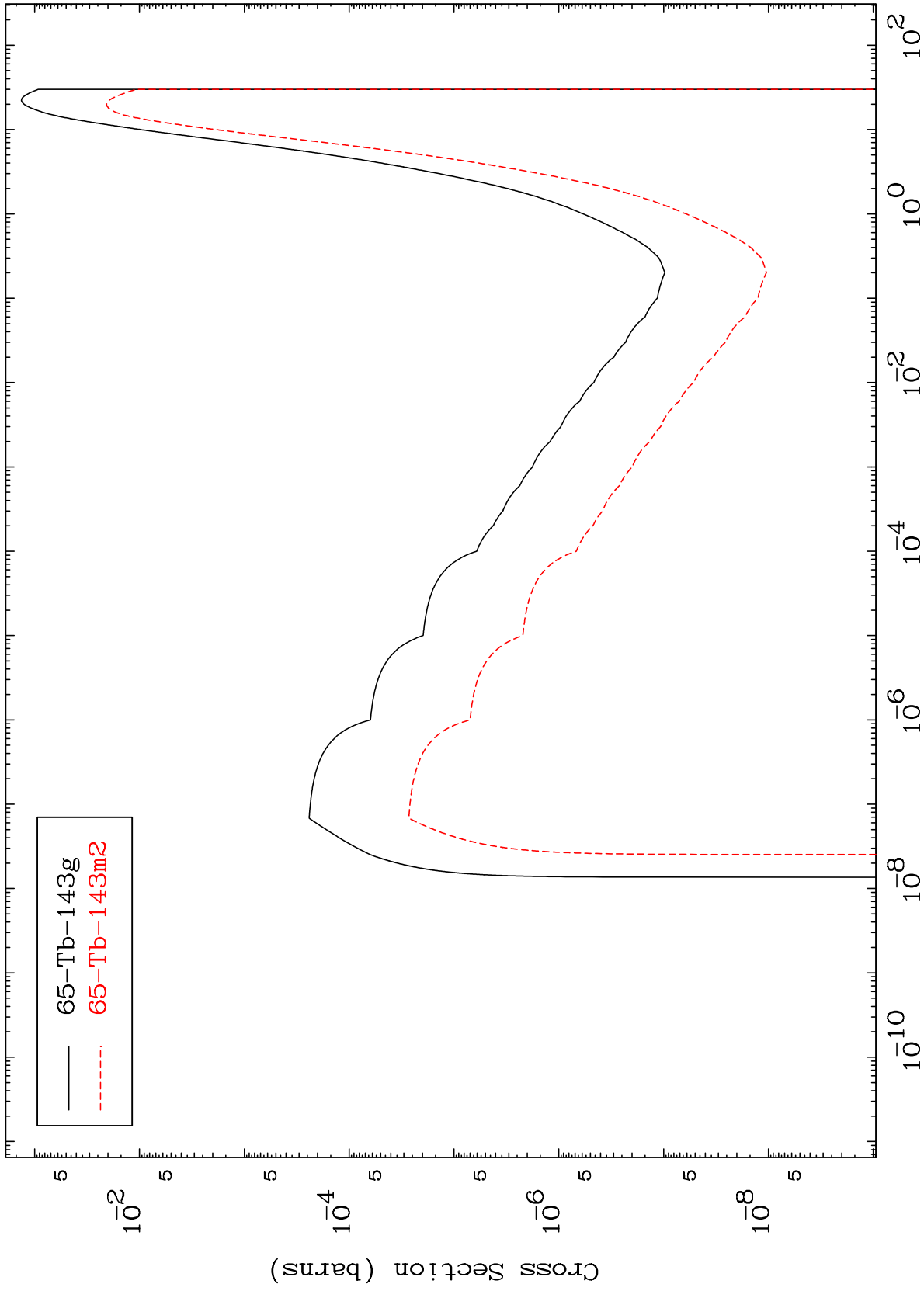
68-Er-147m

MAT 6781

(n,p) α

68-Er-147m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

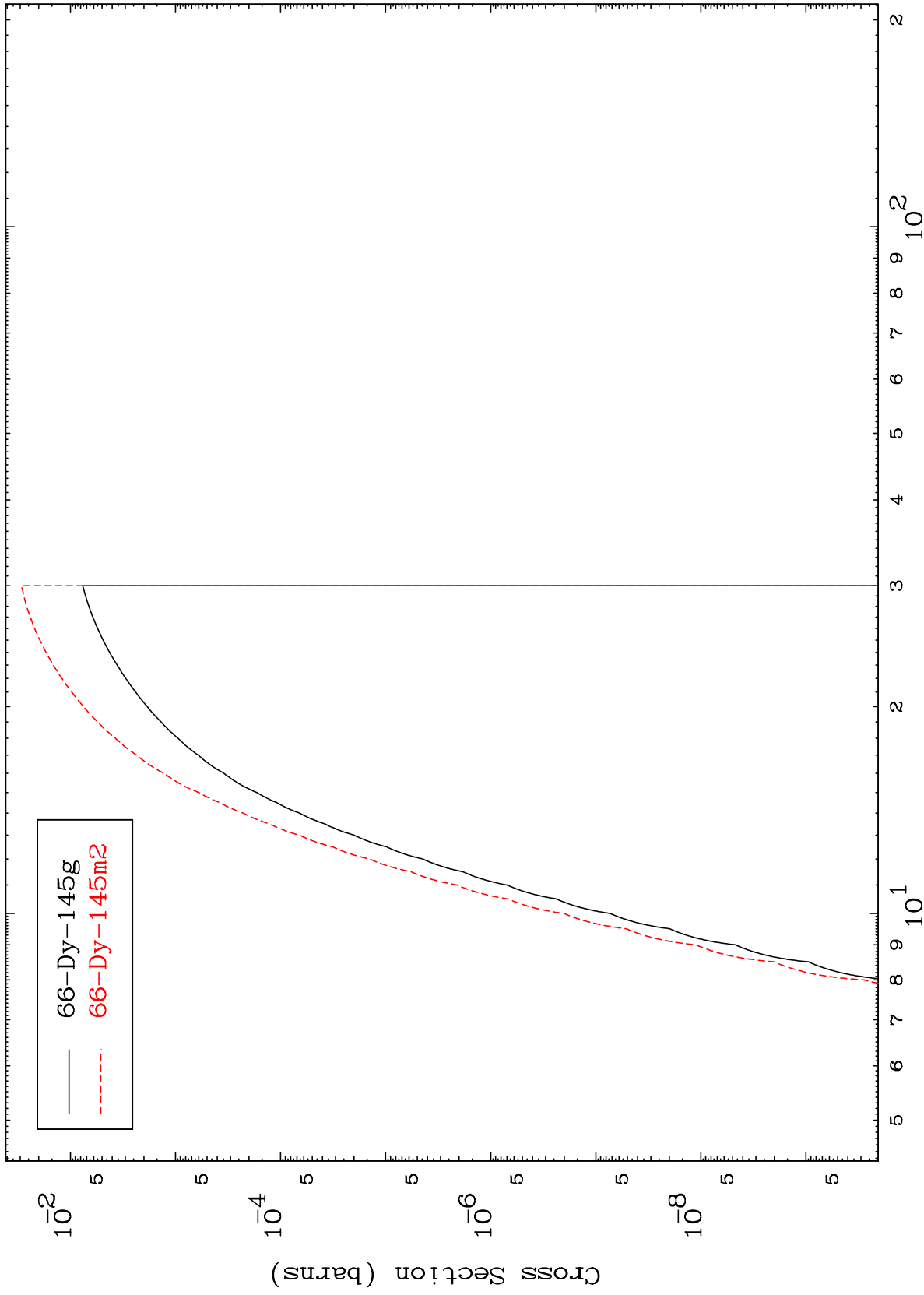
68-Er-147m

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(n,p) d

68-Er-147m

Radionuclide Production Cross Section



— 66-Dy-145g
- - - 66-Dy-145m2

27

Incident Energy (MeV)

68-Er-147m

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(n,d) α

68-Er-147m

Radionuclide Production Cross Section

