

Program EVALPLOT
(Version 2015-2)

by

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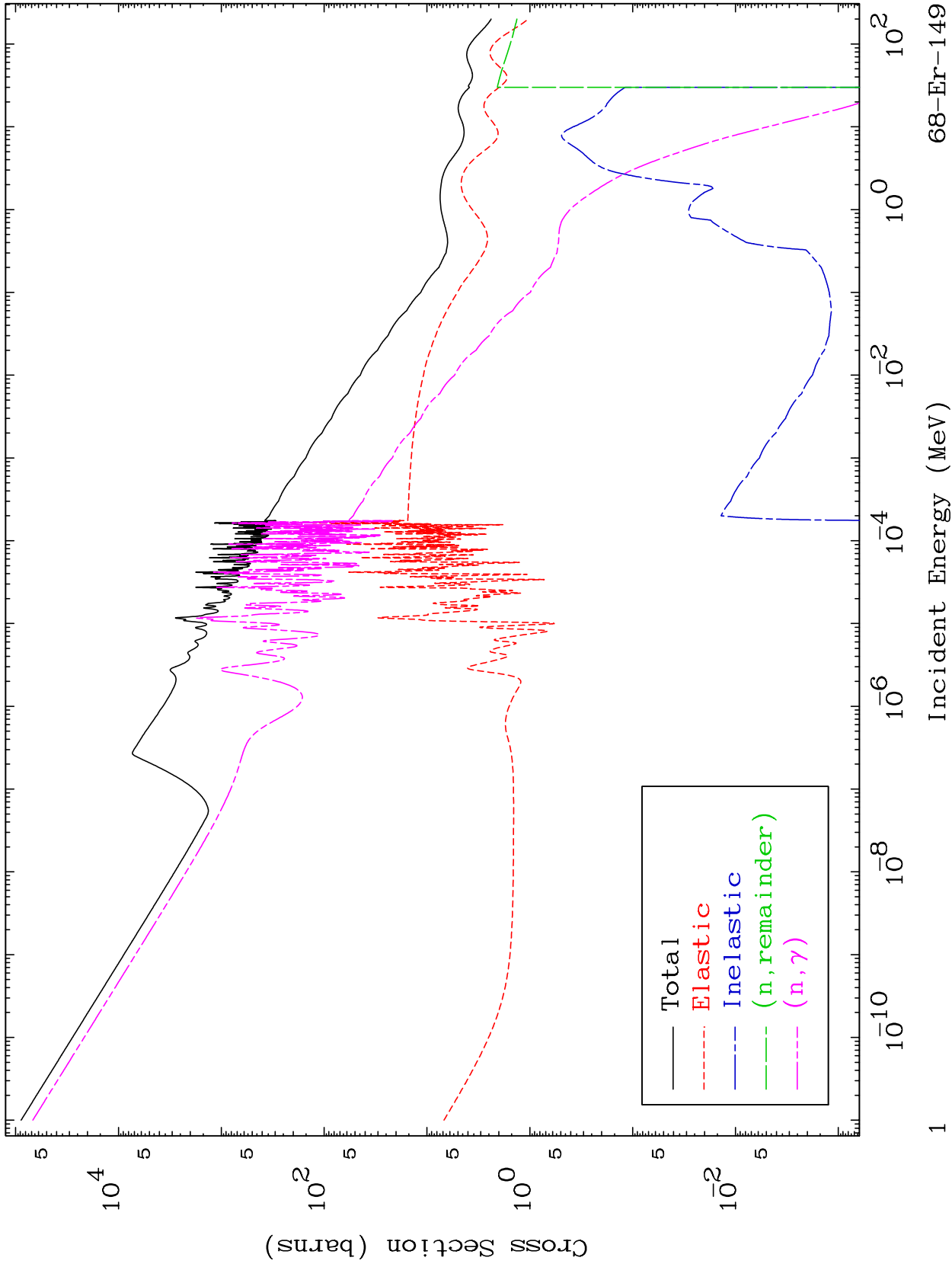
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6787

Major
293 Kelvin Cross Sections

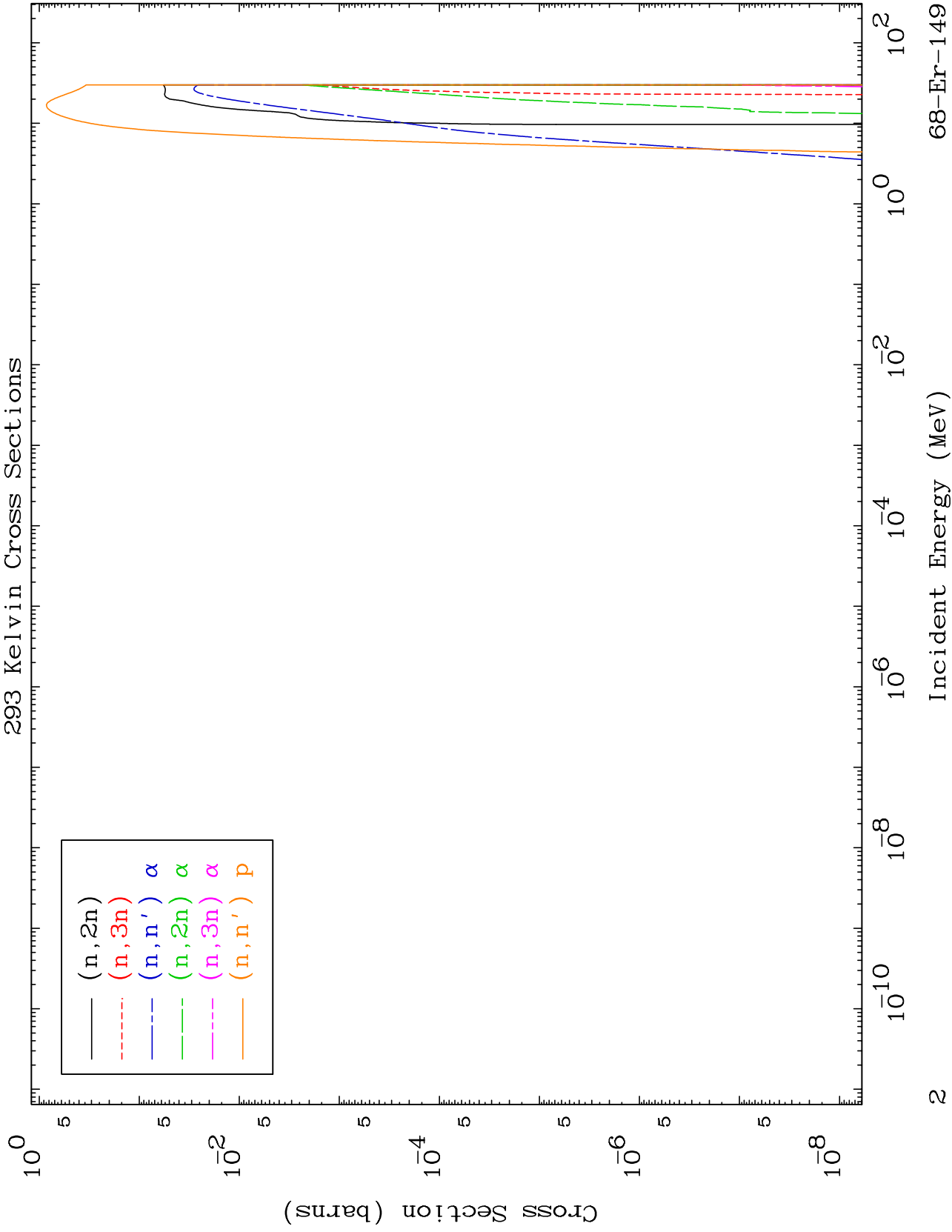
68-Er-149



MAT 6787

Neutron Production
293 Kelvin Cross Sections

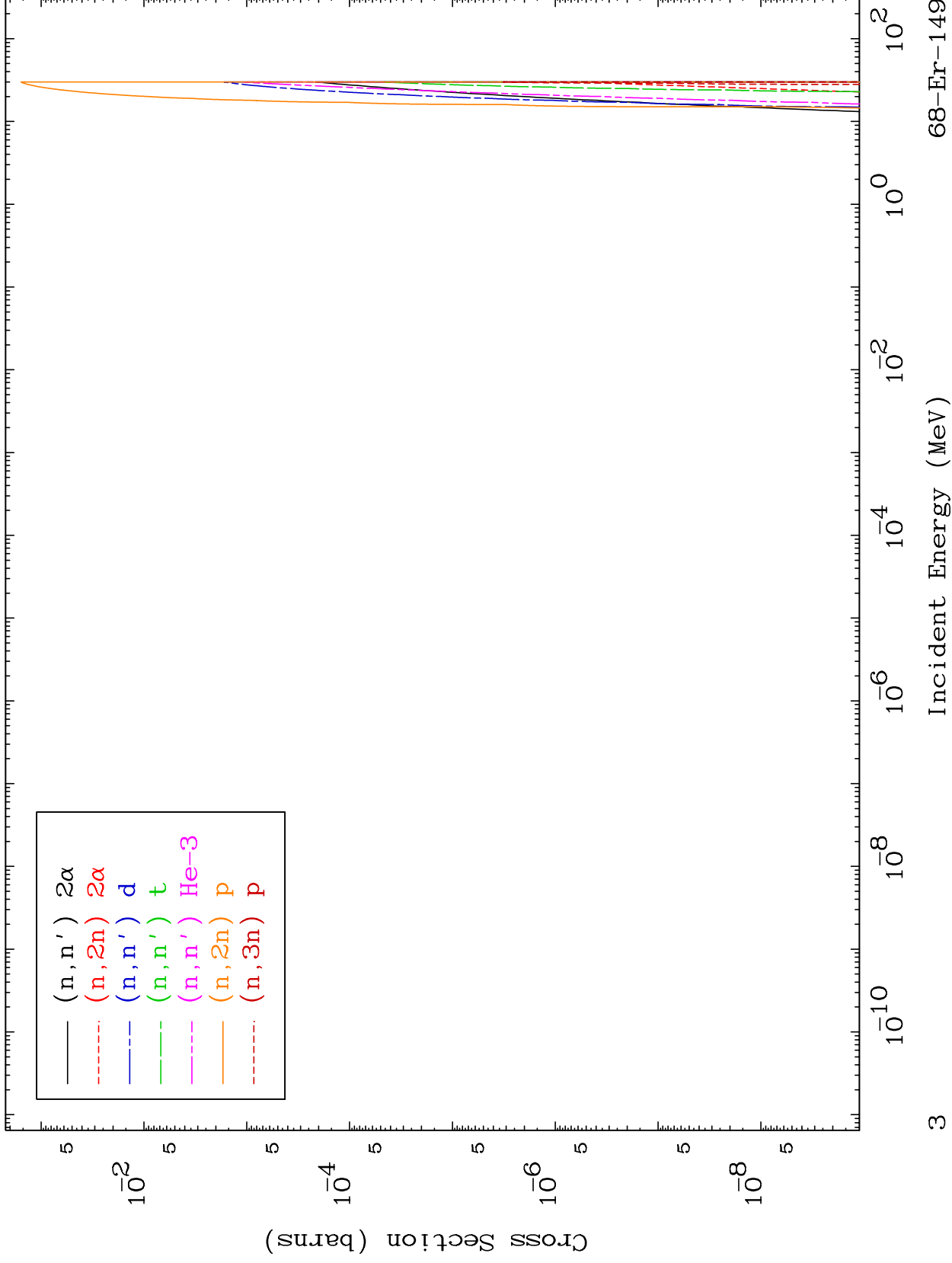
68-Er-149



MAT 6787

Neutron Production
293 Kelvin Cross Sections

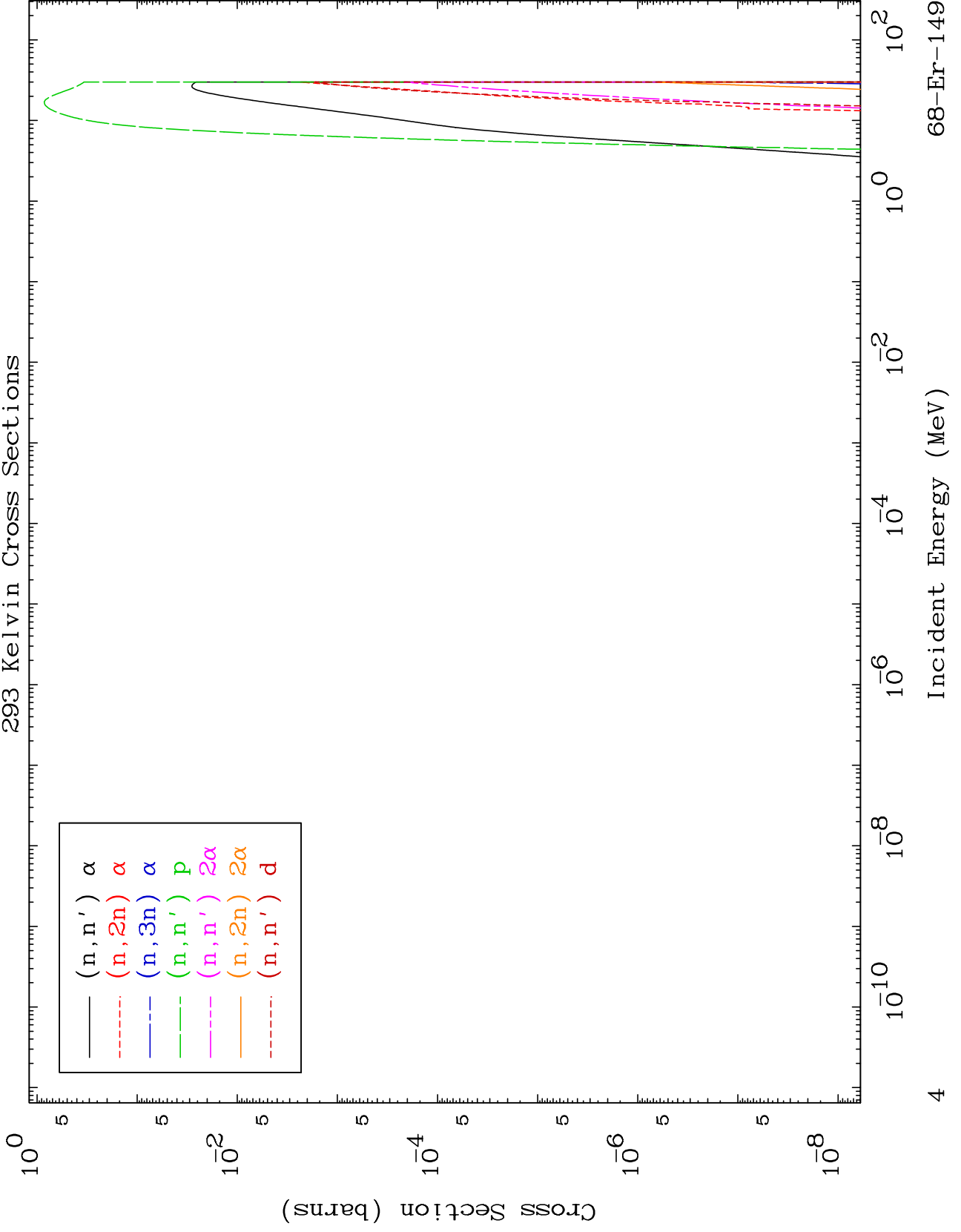
68-Er-149

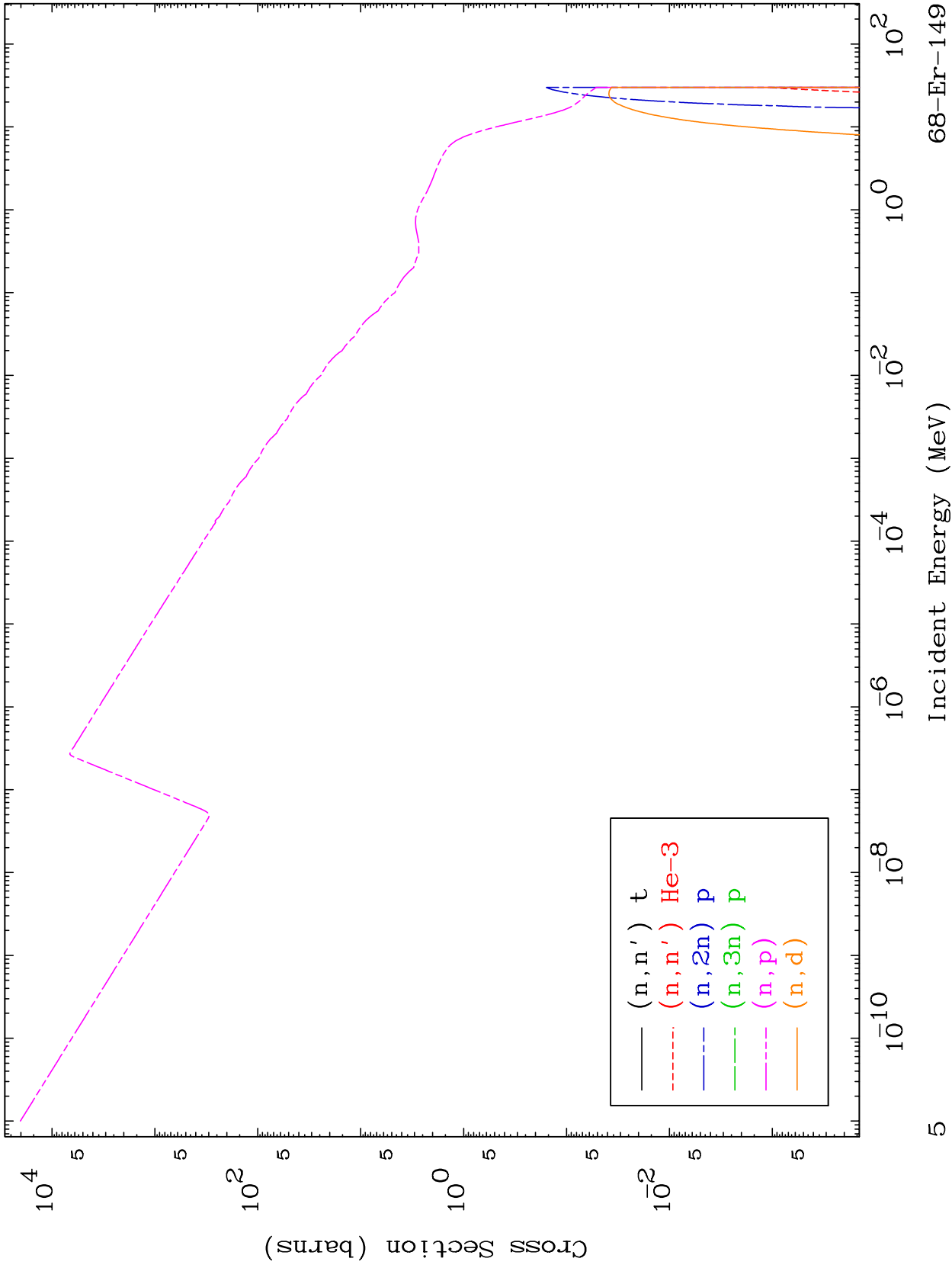


MAT 6787

Charged Particle
293 Kelvin Cross Sections

68-Er-149

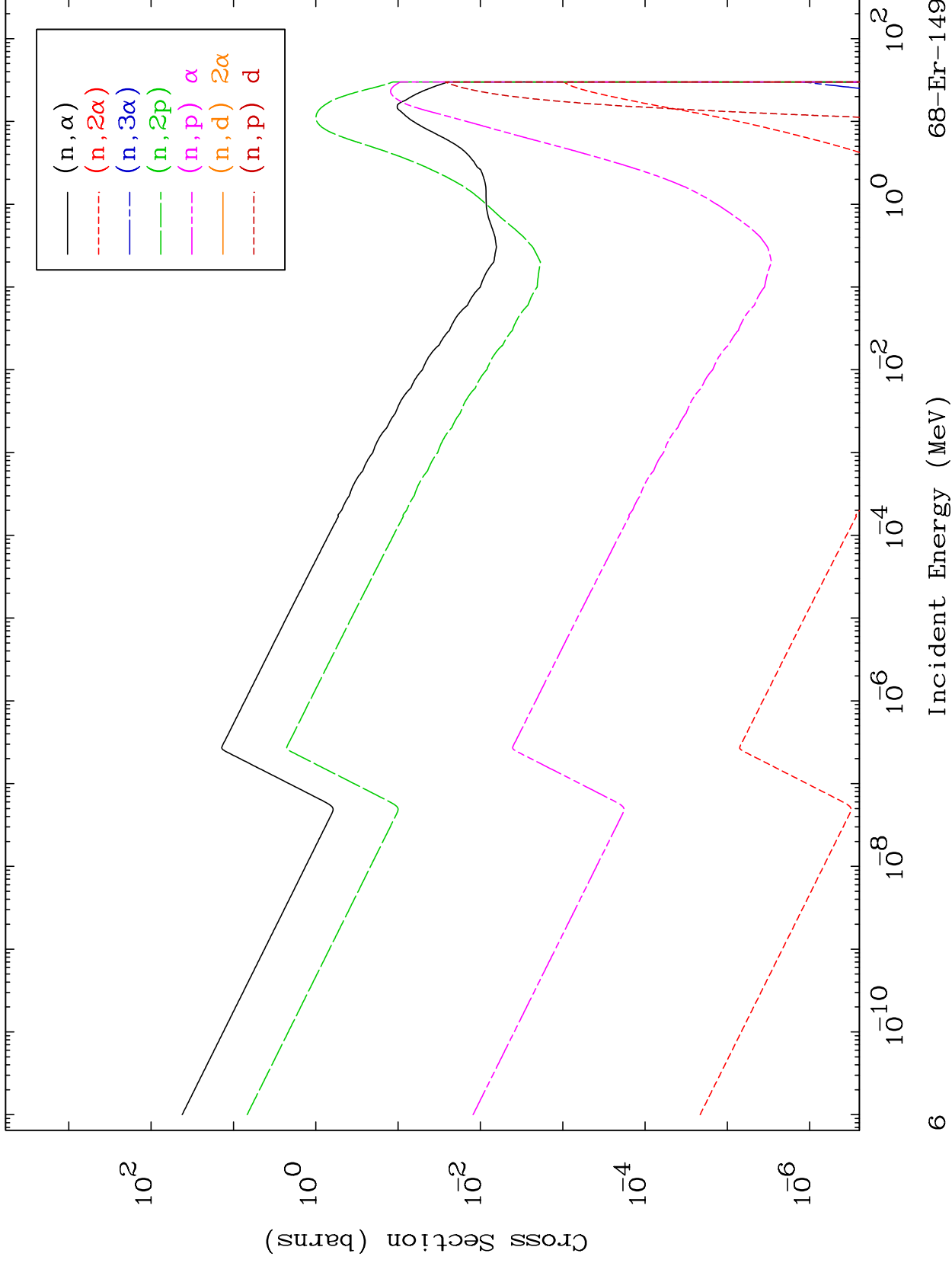




MAT 6787

Charged Particle
293 Kelvin Cross Sections

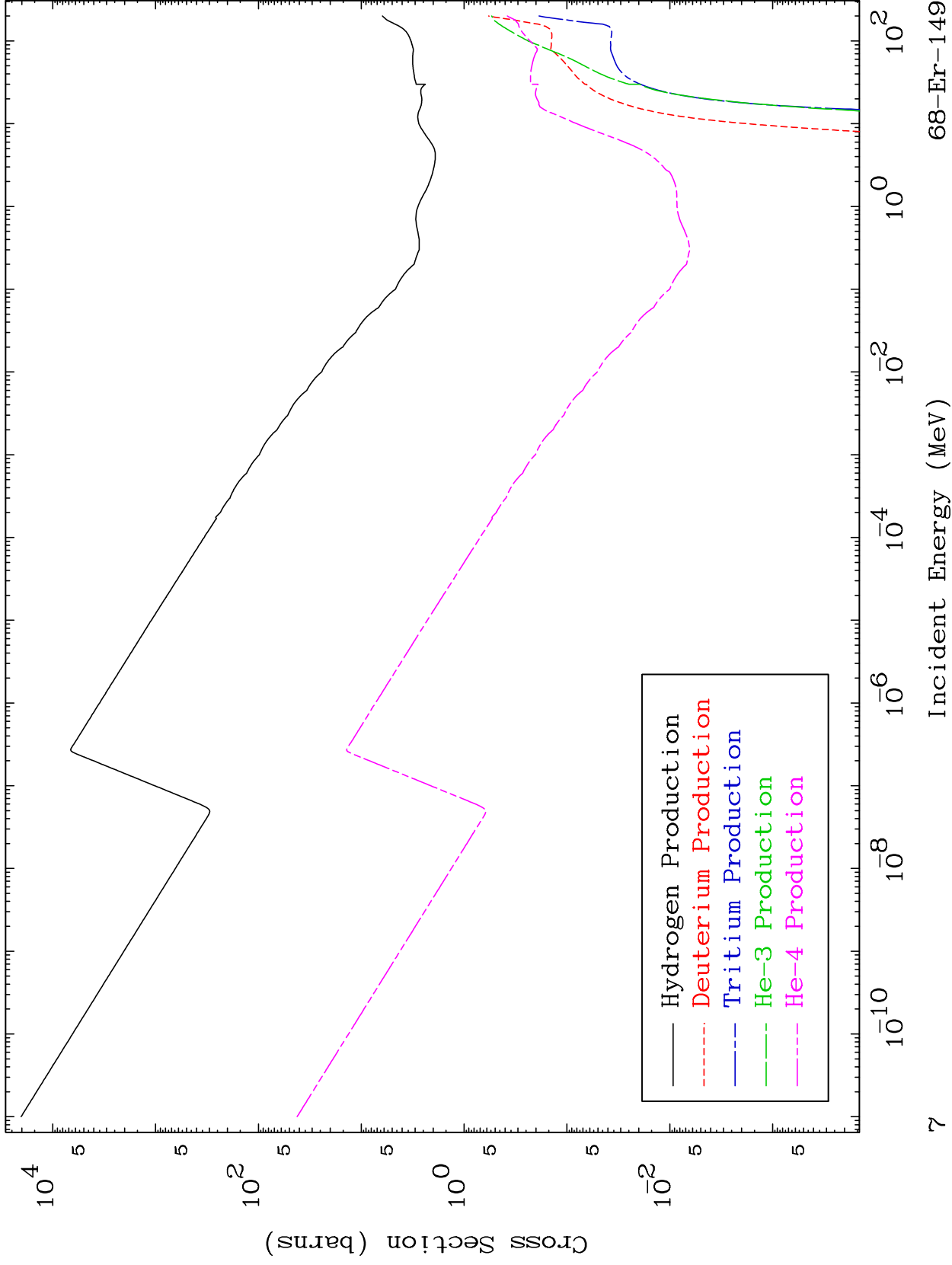
68-Er-149



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Particle Production
293 Kelvin Cross Sections

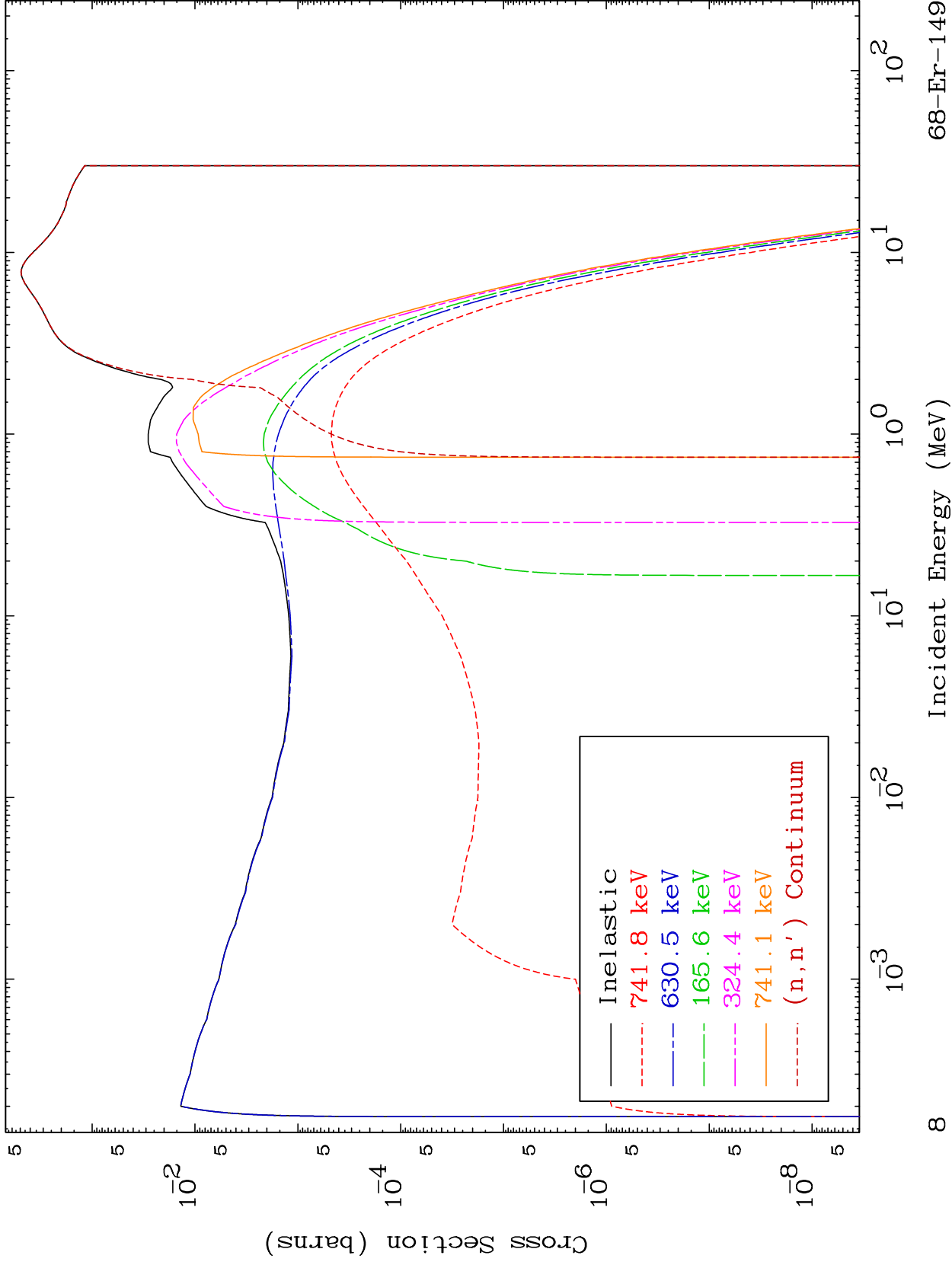
68-Er-149



MAT 6787

(n,n') Level
293 Kelvin Cross Sections

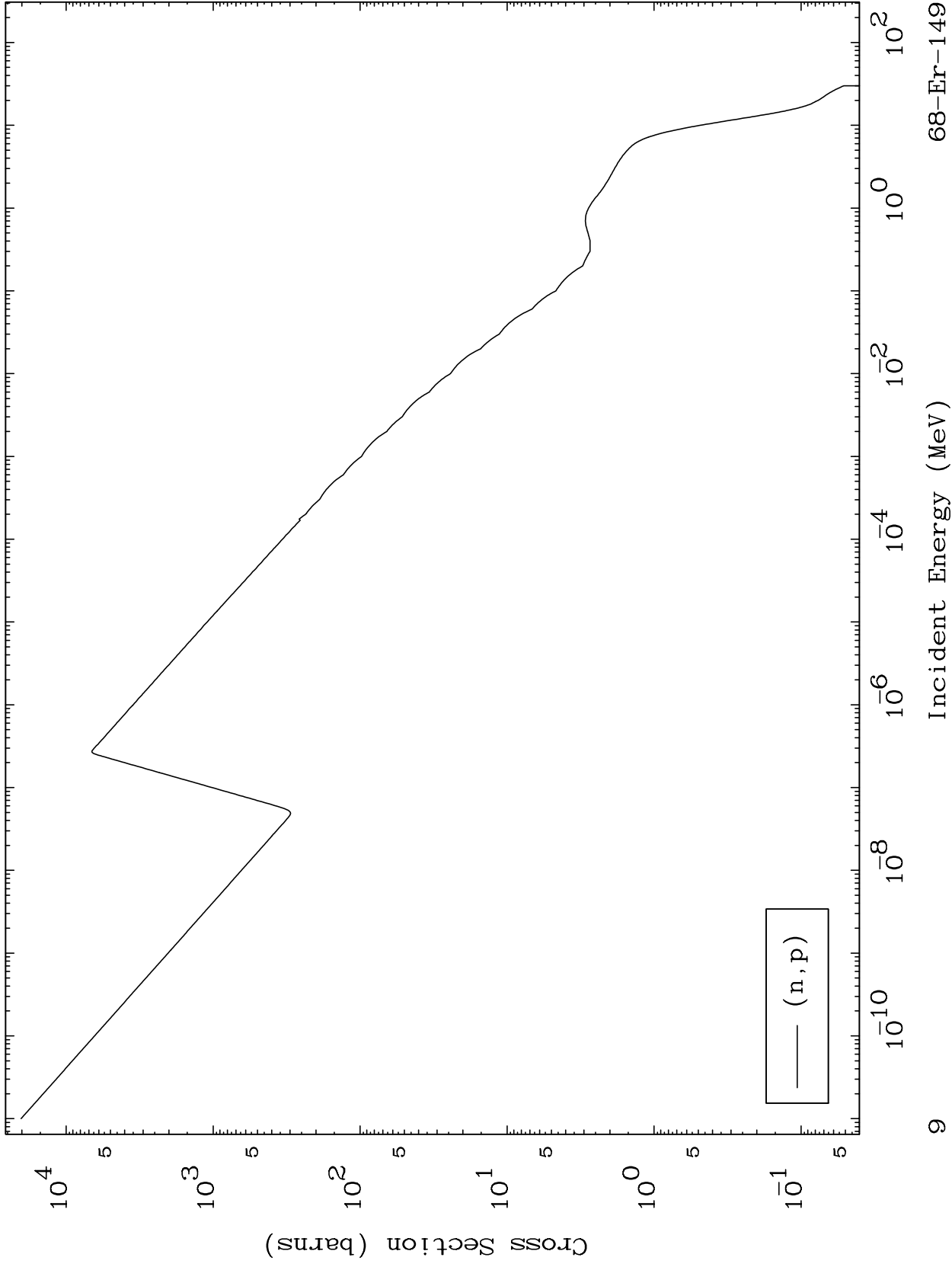
68-Er-149



MAT 6787

(n,p) Levels
293 Kelvin Cross Sections

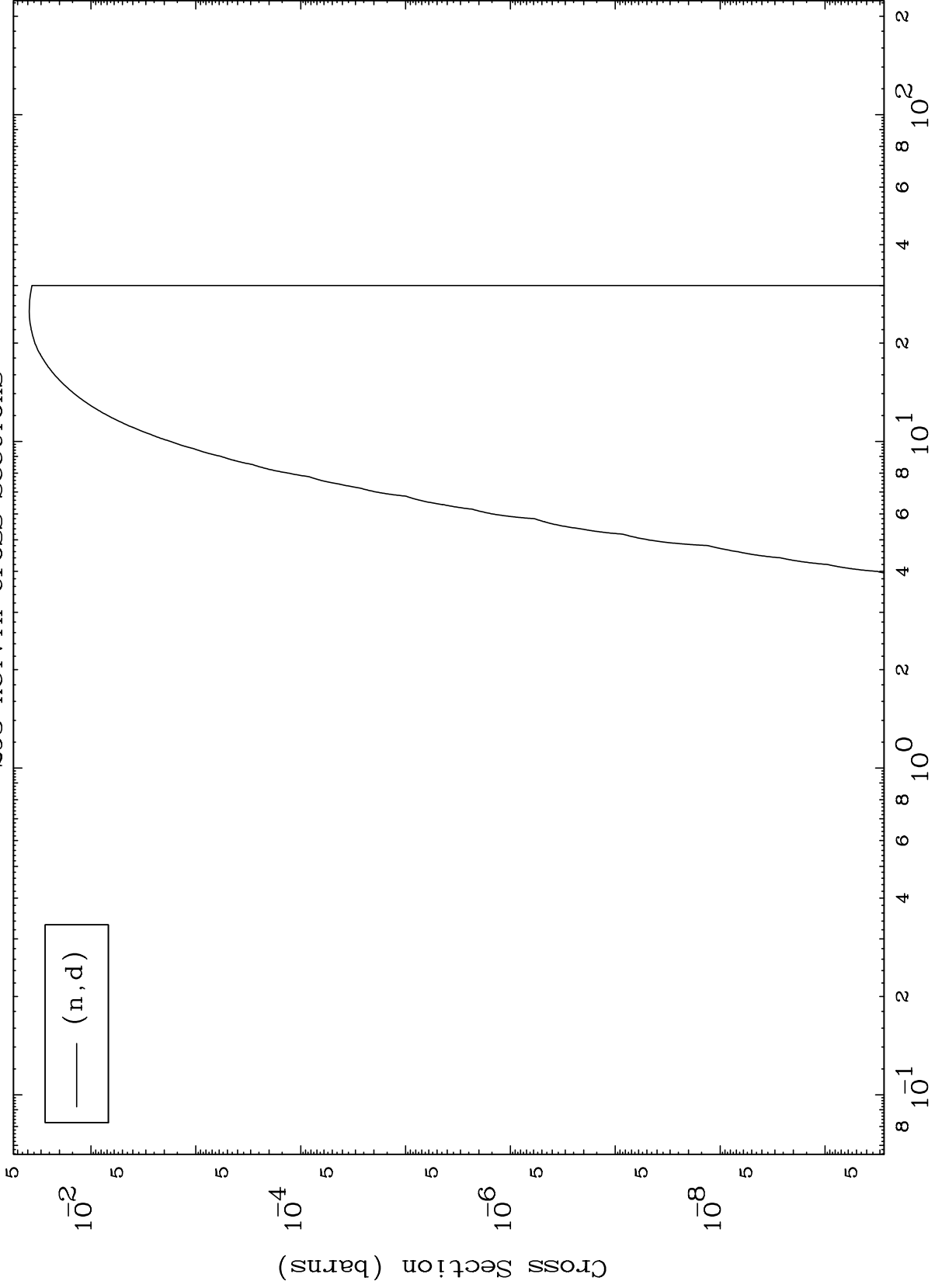
68-Er-149



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(n,d) Levels
293 Kelvin Cross Sections

68-Er-149



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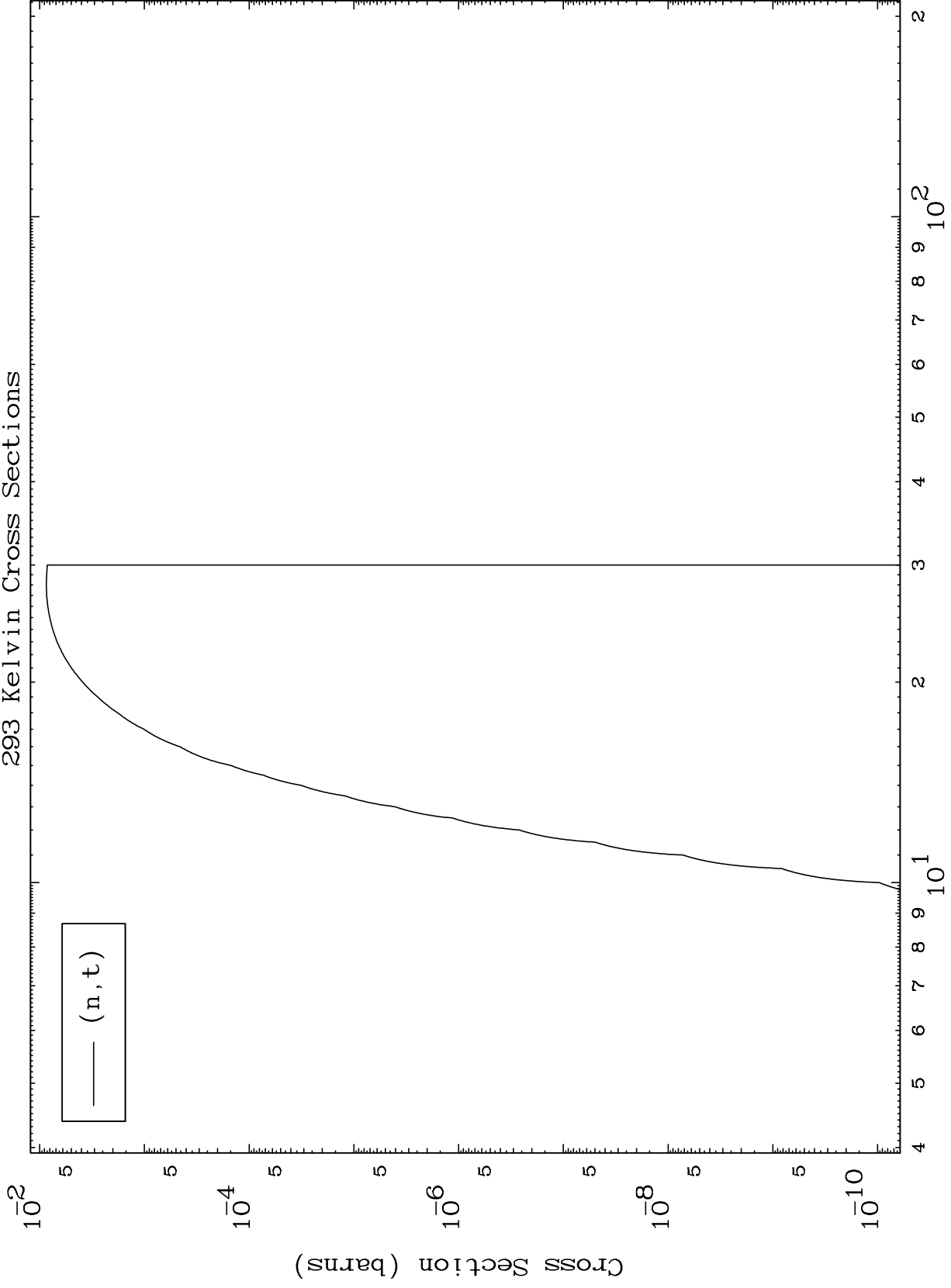
Incident Energy (MeV)

68-Er-149

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(n,t) Levels
293 Kelvin Cross Sections

68-Er-149



11

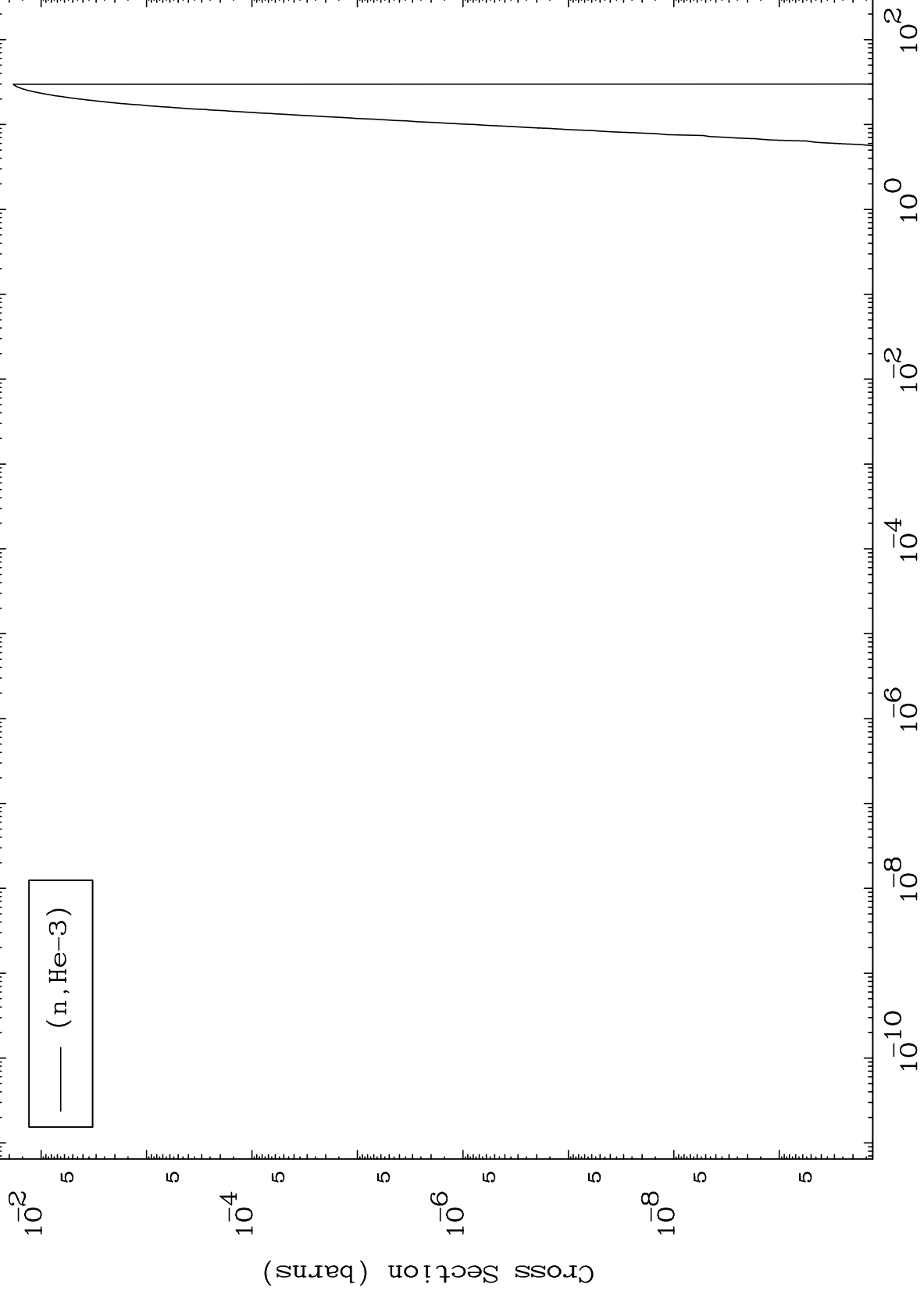
Incident Energy (MeV)

68-Er-149

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(n,He3) Levels
293 Kelvin Cross Sections

68-Er-149



12

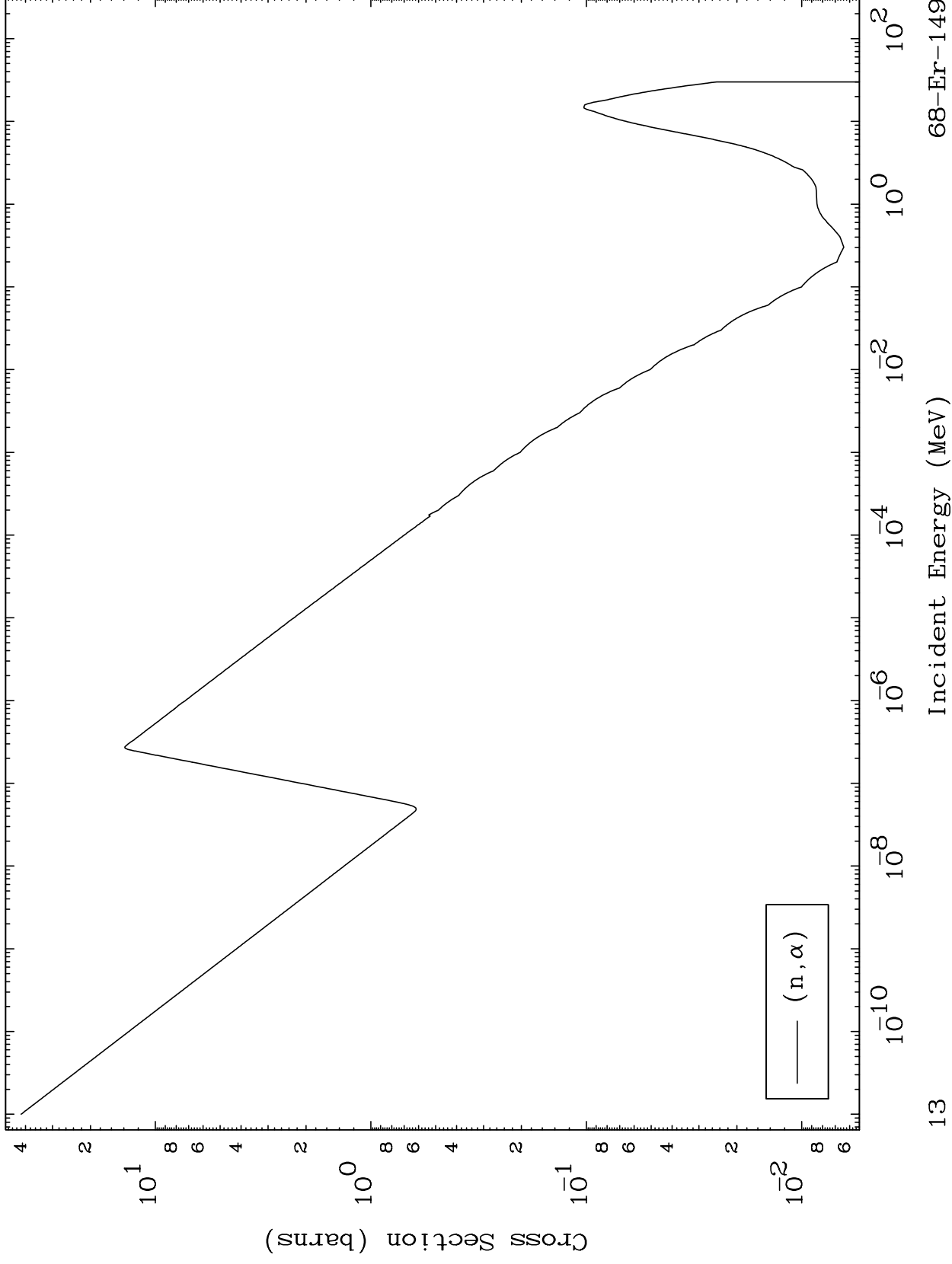
Incident Energy (MeV)

68-Er-149

MAT 6787

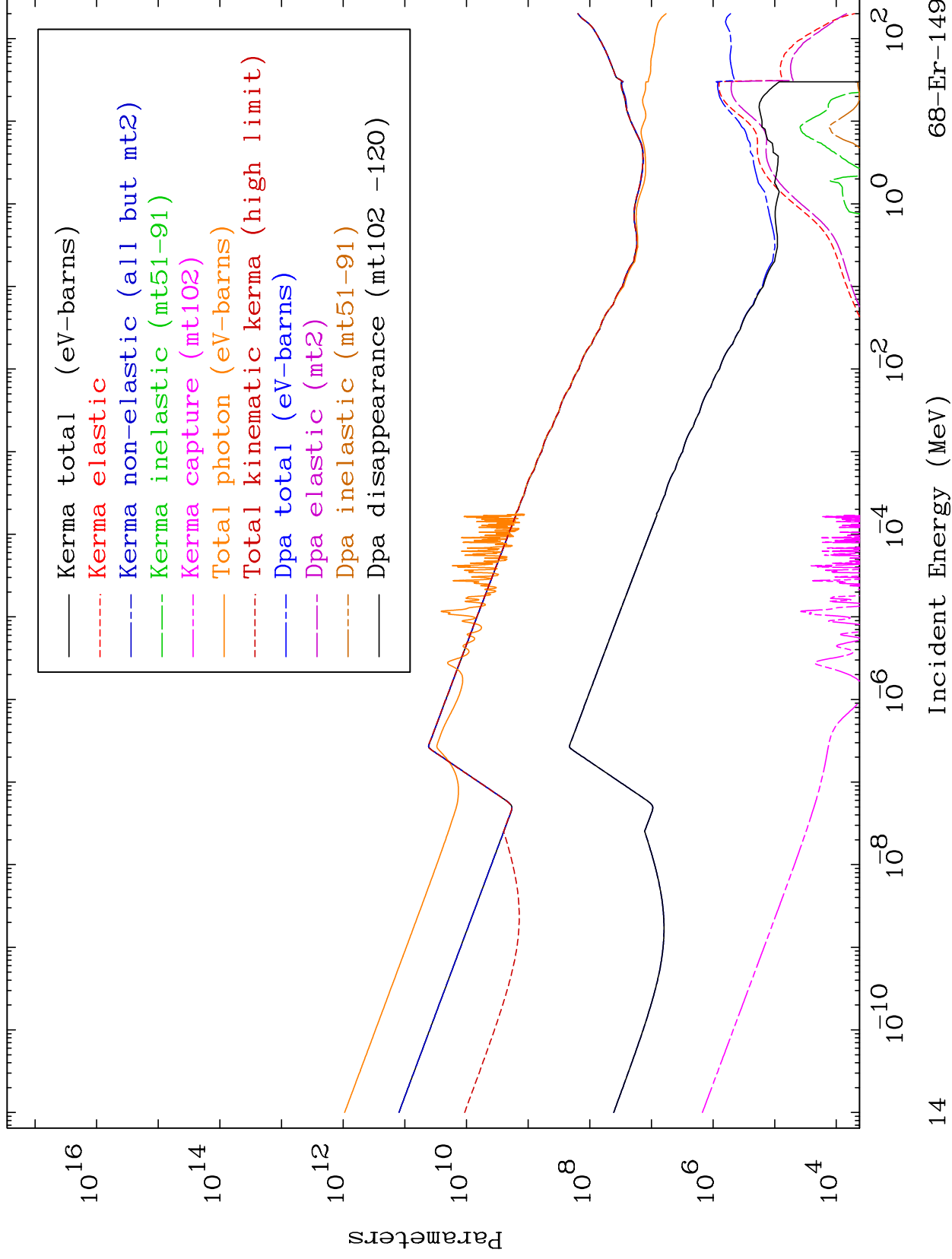
(n,α) Levels
293 Kelvin Cross Sections

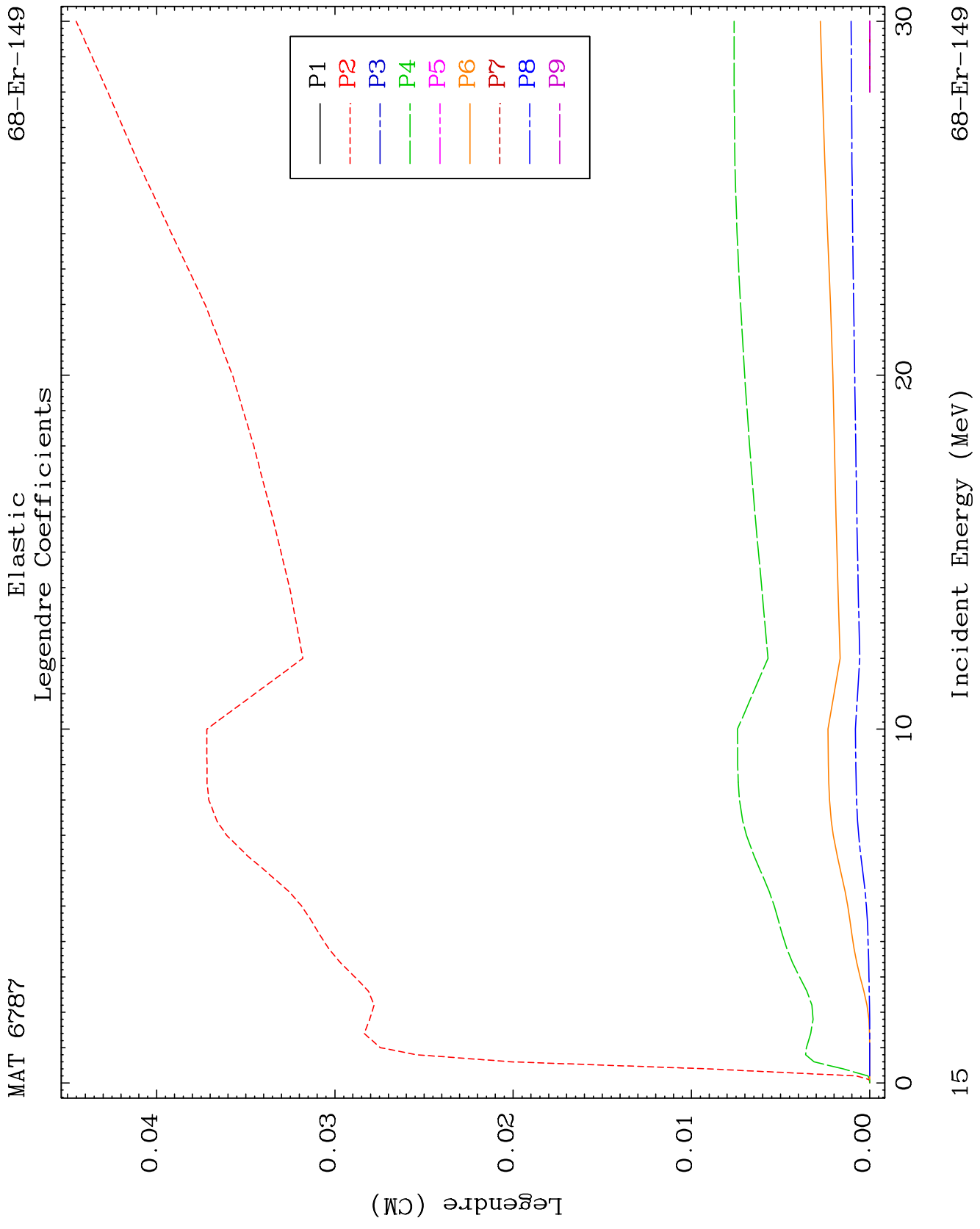
68-Er-149



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68-Er-149

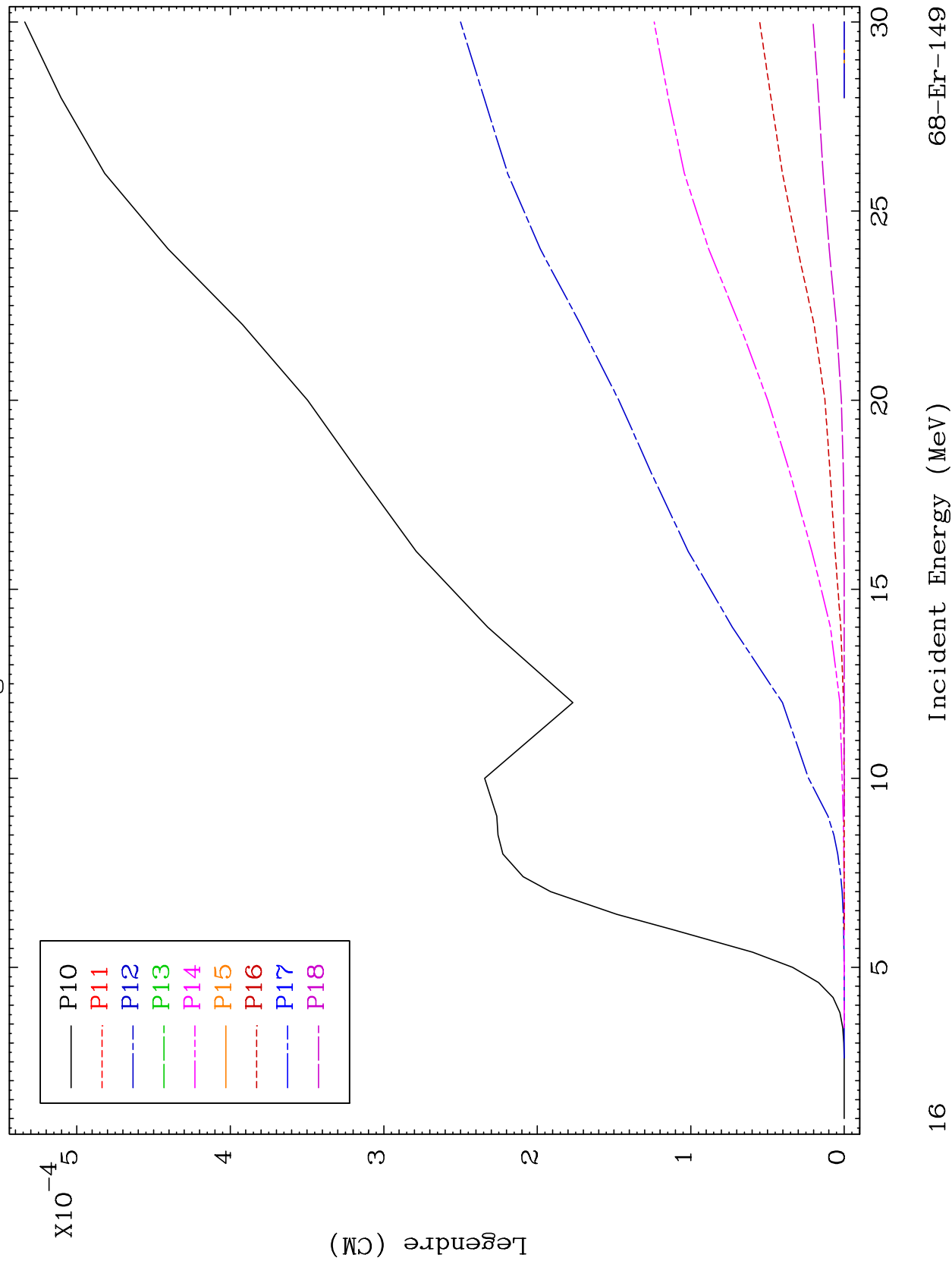




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Elastic Legendre Coefficients

68-Er-149



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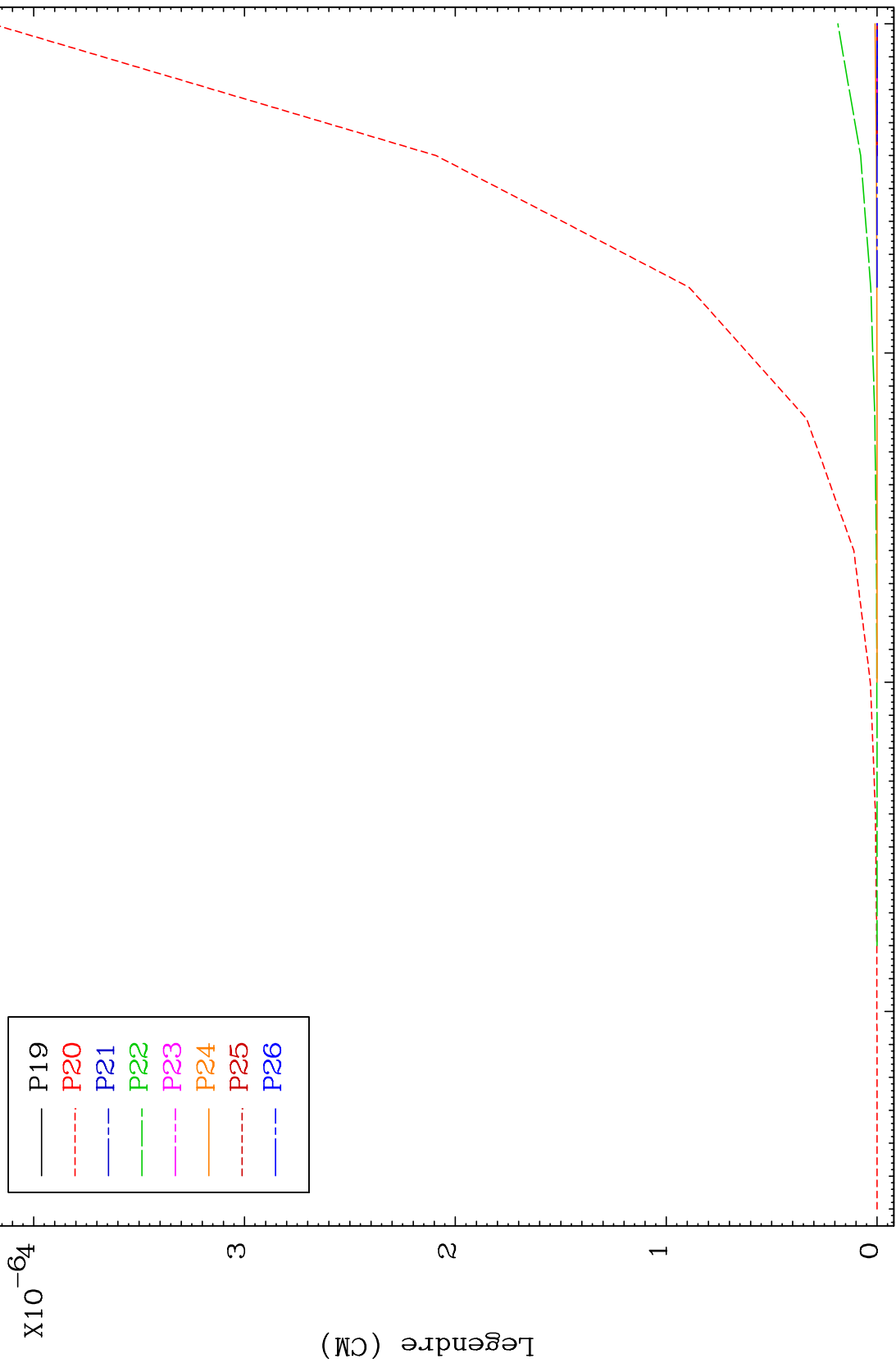
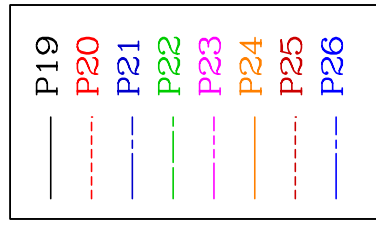
Incident Energy (MeV)

68-Er-149

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Elastic
Legendre Coefficients

68-Er-149



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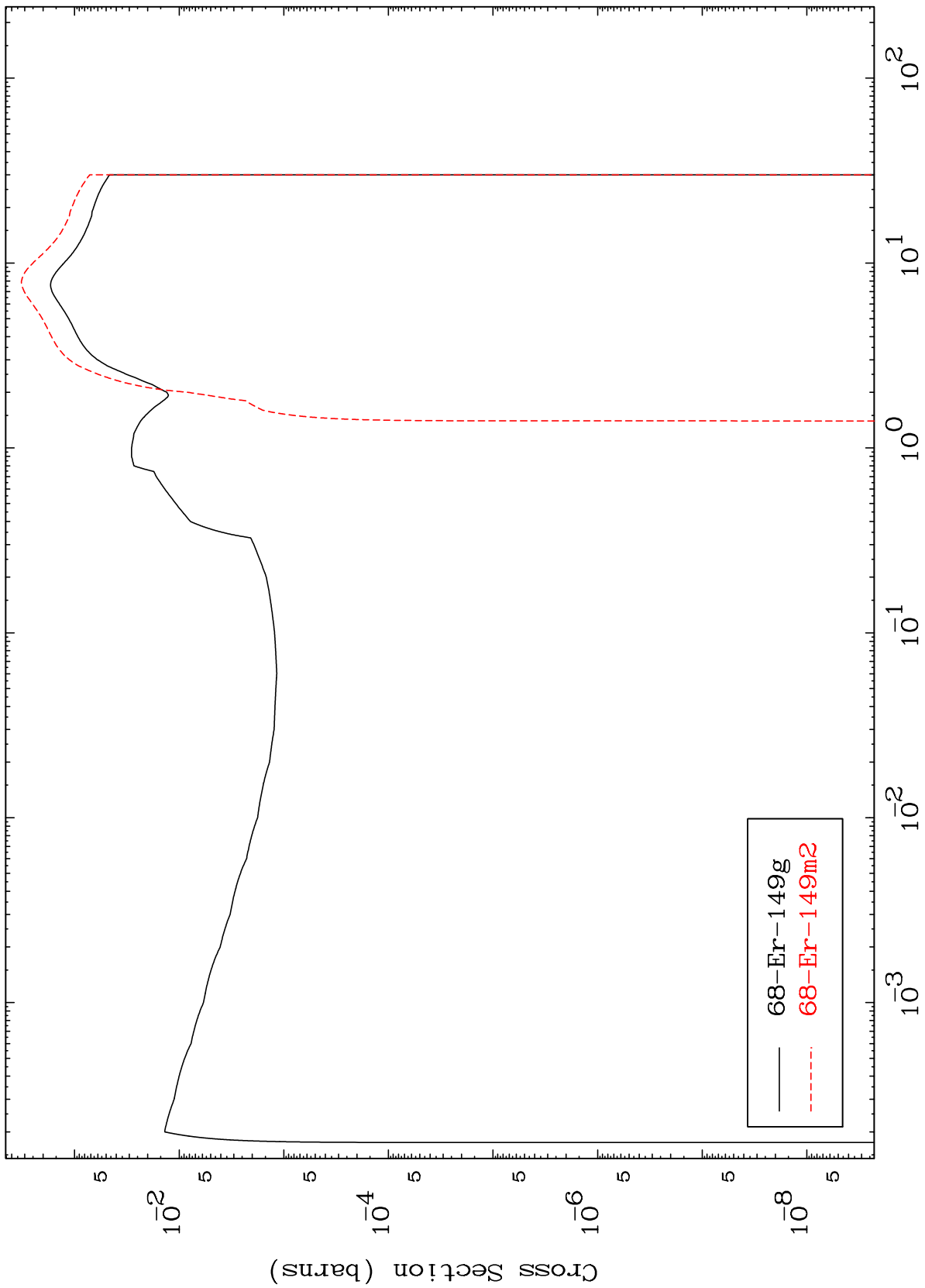
Incident Energy (MeV)

68-Er-149

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68-Er-149

Inelastic
Radionuclide Production Cross Section

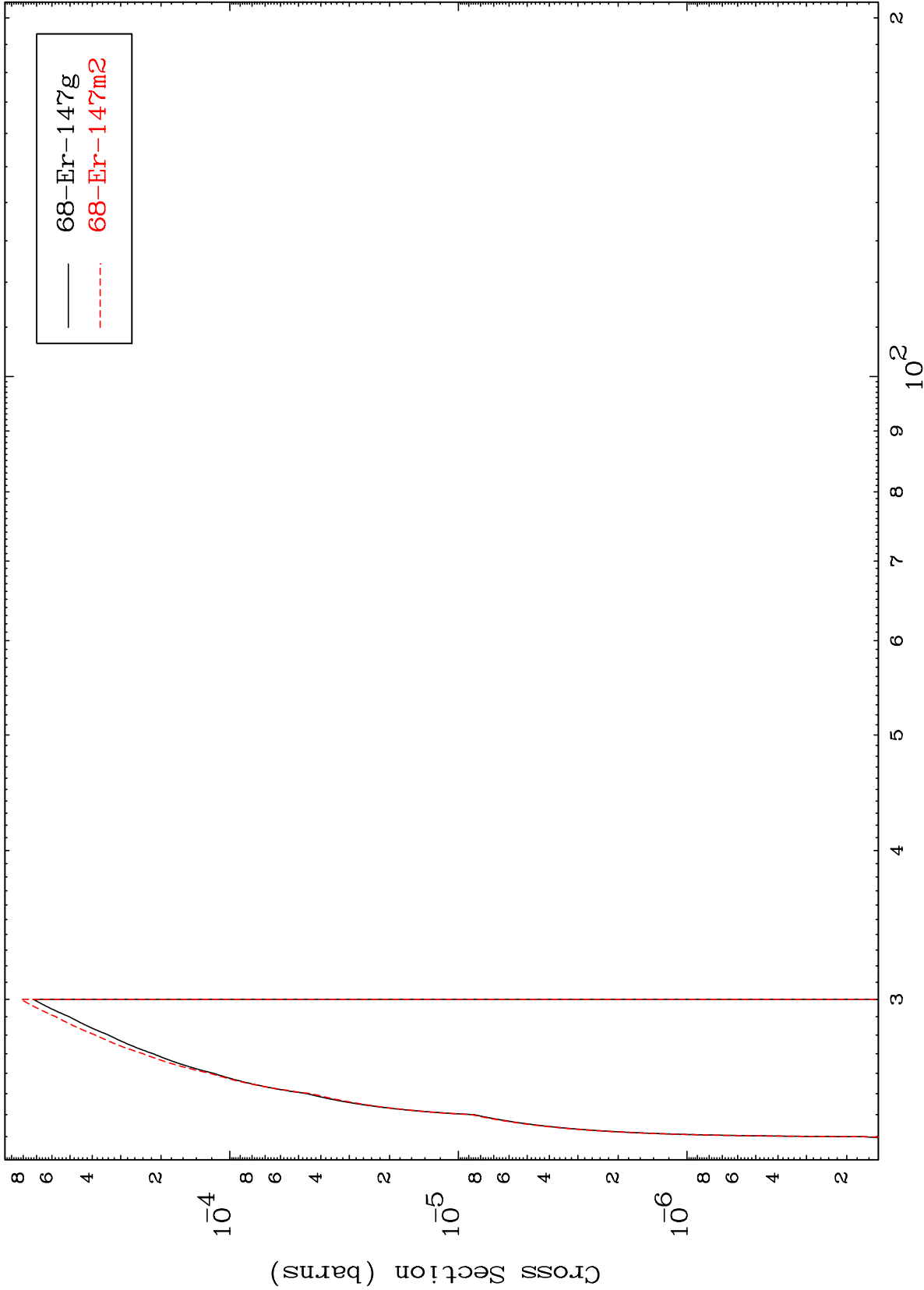


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(n,3n)

68-Er-149

Radionuclide Production Cross Section



19

Incident Energy (MeV)

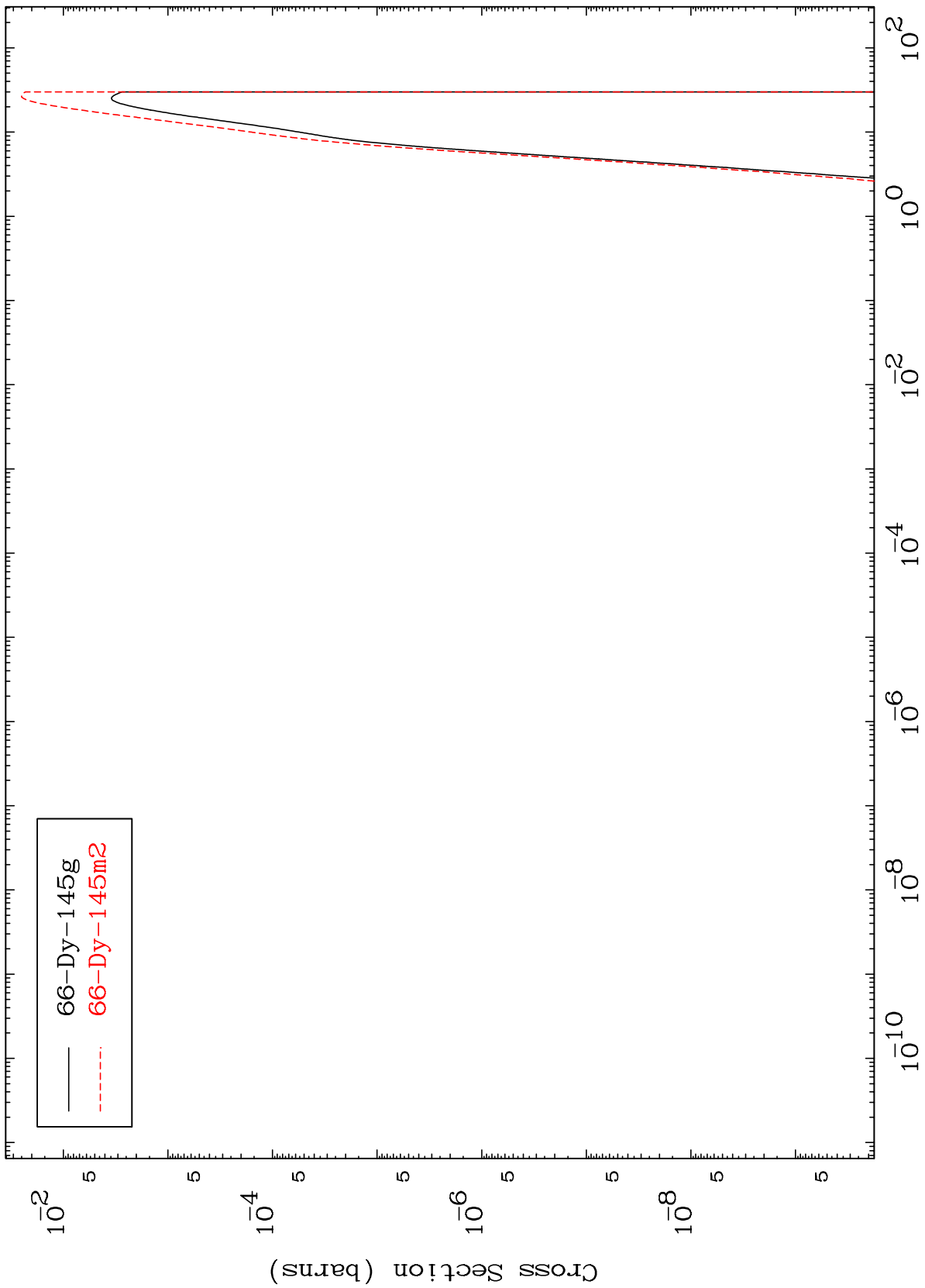
68-Er-149

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$(n, n') \alpha$

68-Er-149

Radionuclide Production Cross Section

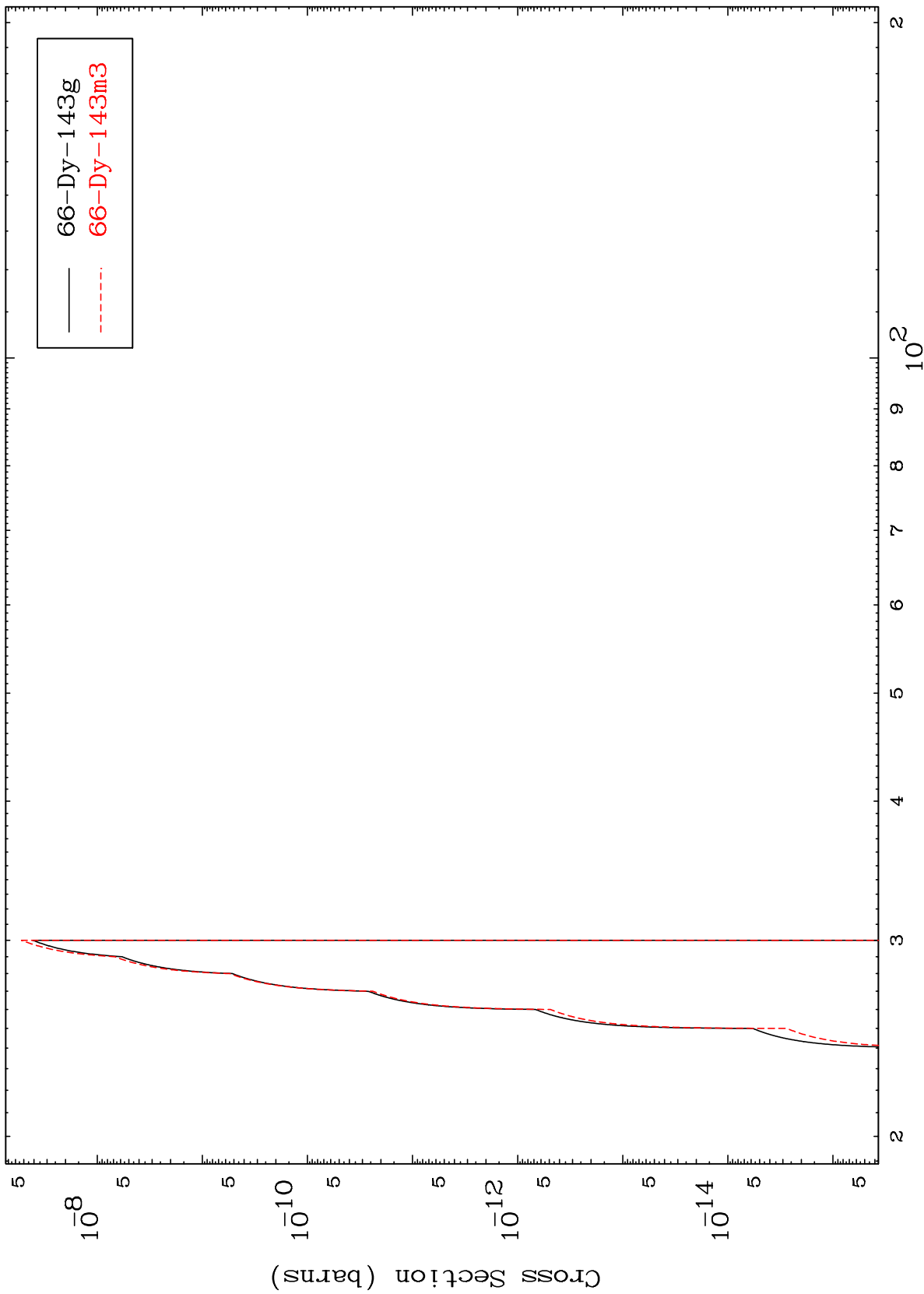


MAT 6787

(n,3n) α

68-Er-149

Radionuclide Production Cross Section



21

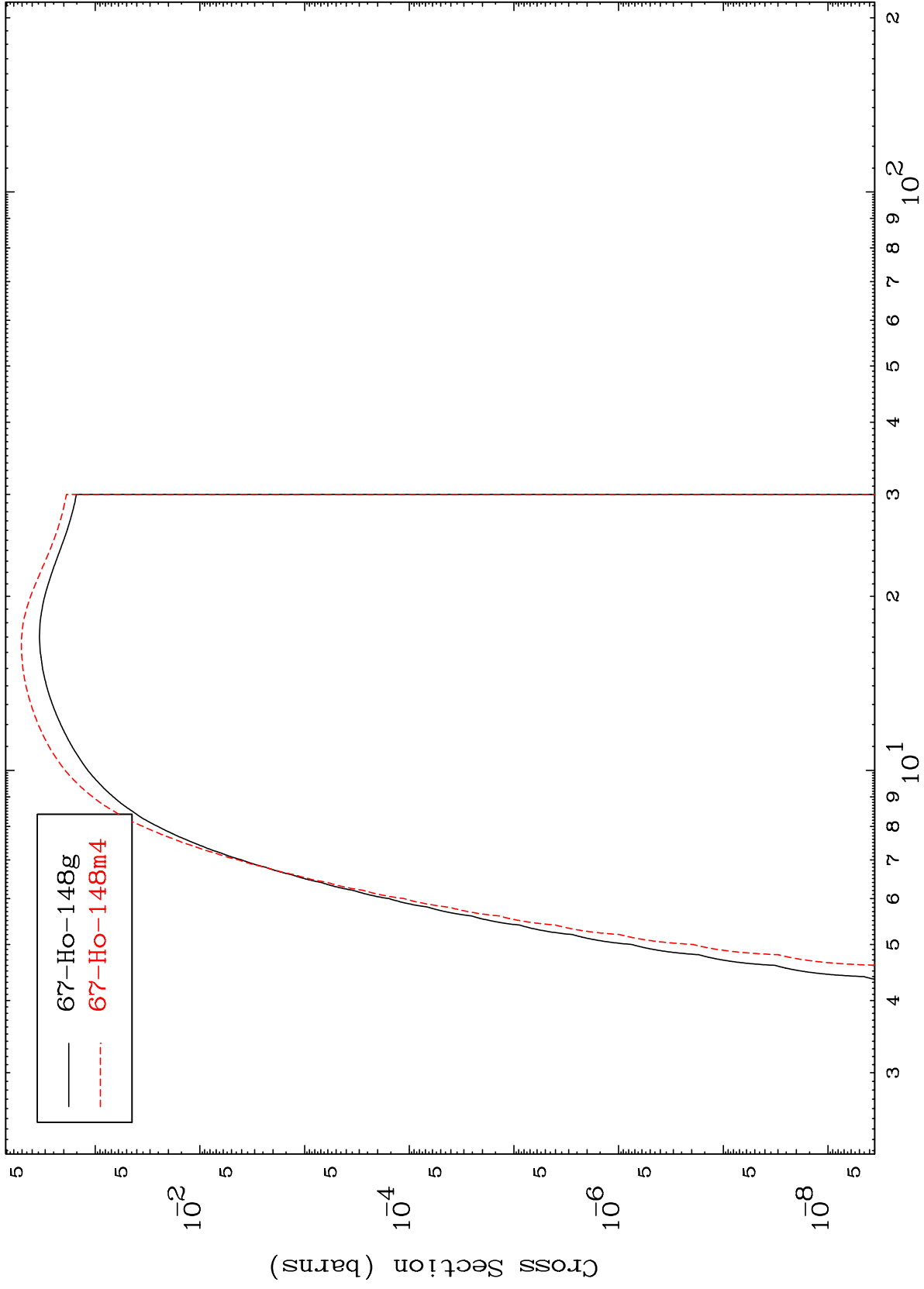
Incident Energy (MeV)

68-Er-149

MAT 6787

68-Er-149

(n,n') p
Radionuclide Production Cross Section



22

Incident Energy (MeV)

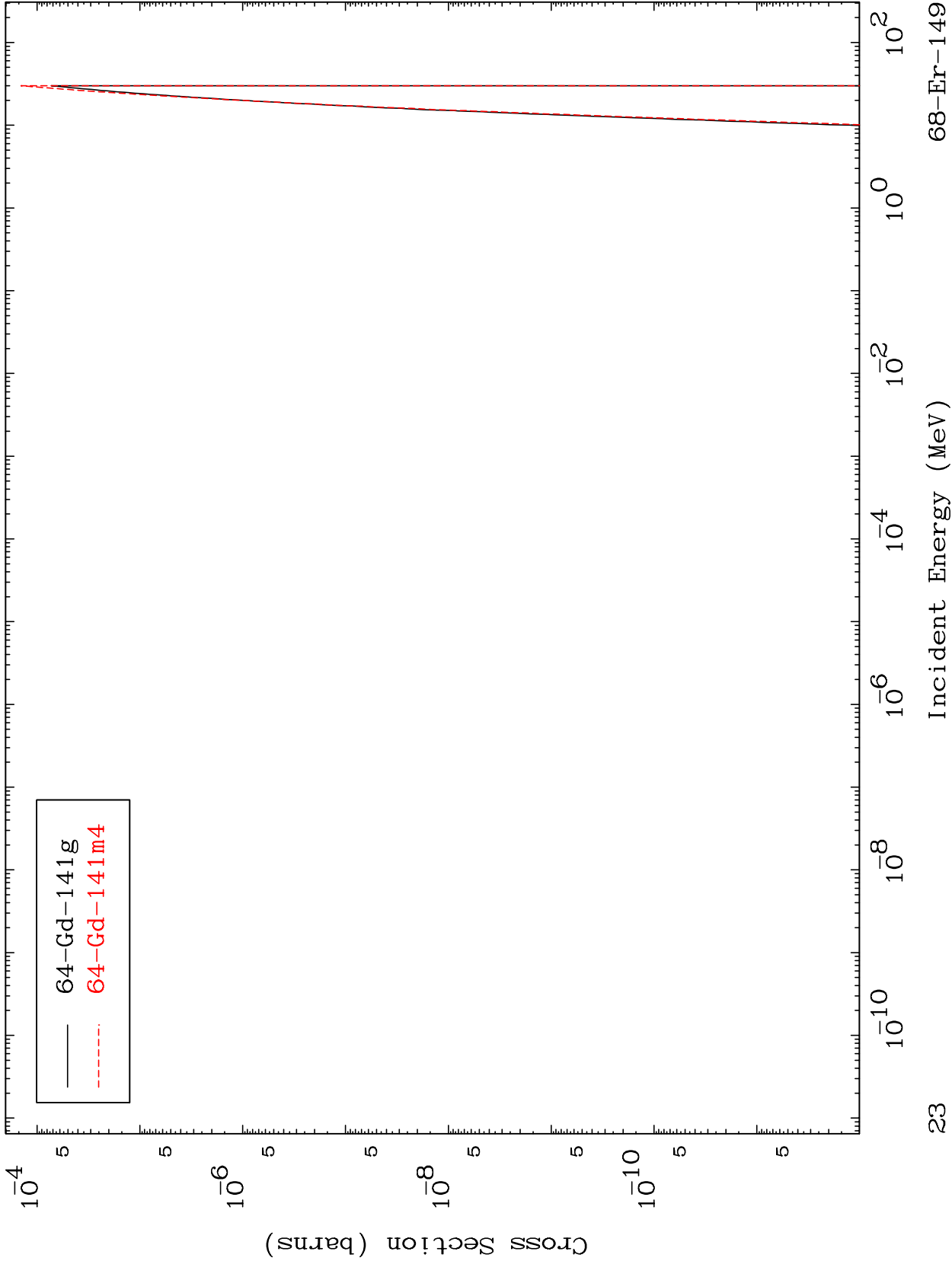
68-Er-149

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(n,n') 2α

68-Er-149

Radionuclide Production Cross Section

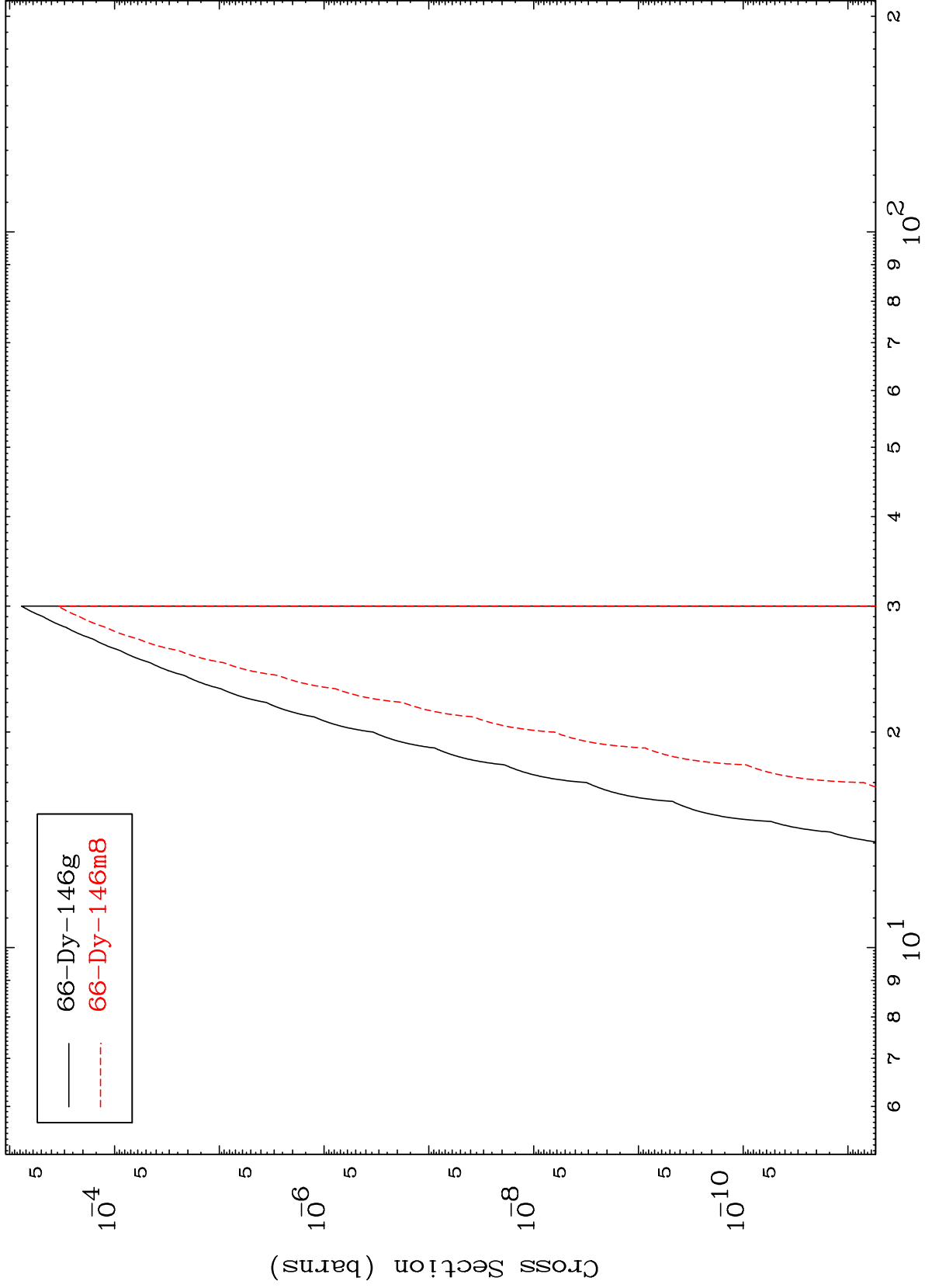


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(n,n') He-3

68-Er-149

Radionuclide Production Cross Section



24

Incident Energy (MeV)

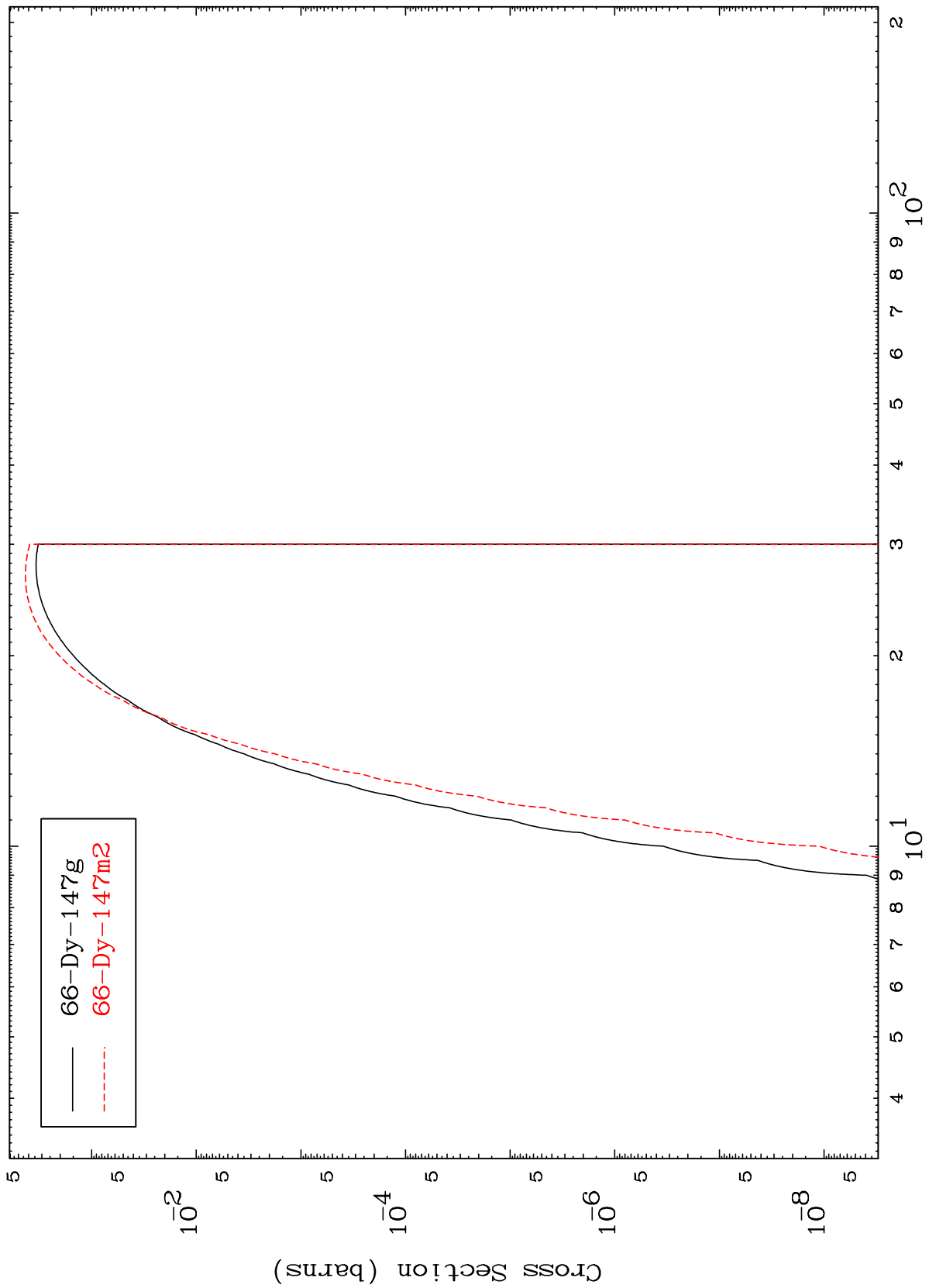
68-Er-149

MAT 6787

$(n,2n)$ p

68-Er-149

Radionuclide Production Cross Section



66-Dy-147g
66-Dy-147m2

25

Incident Energy (MeV)

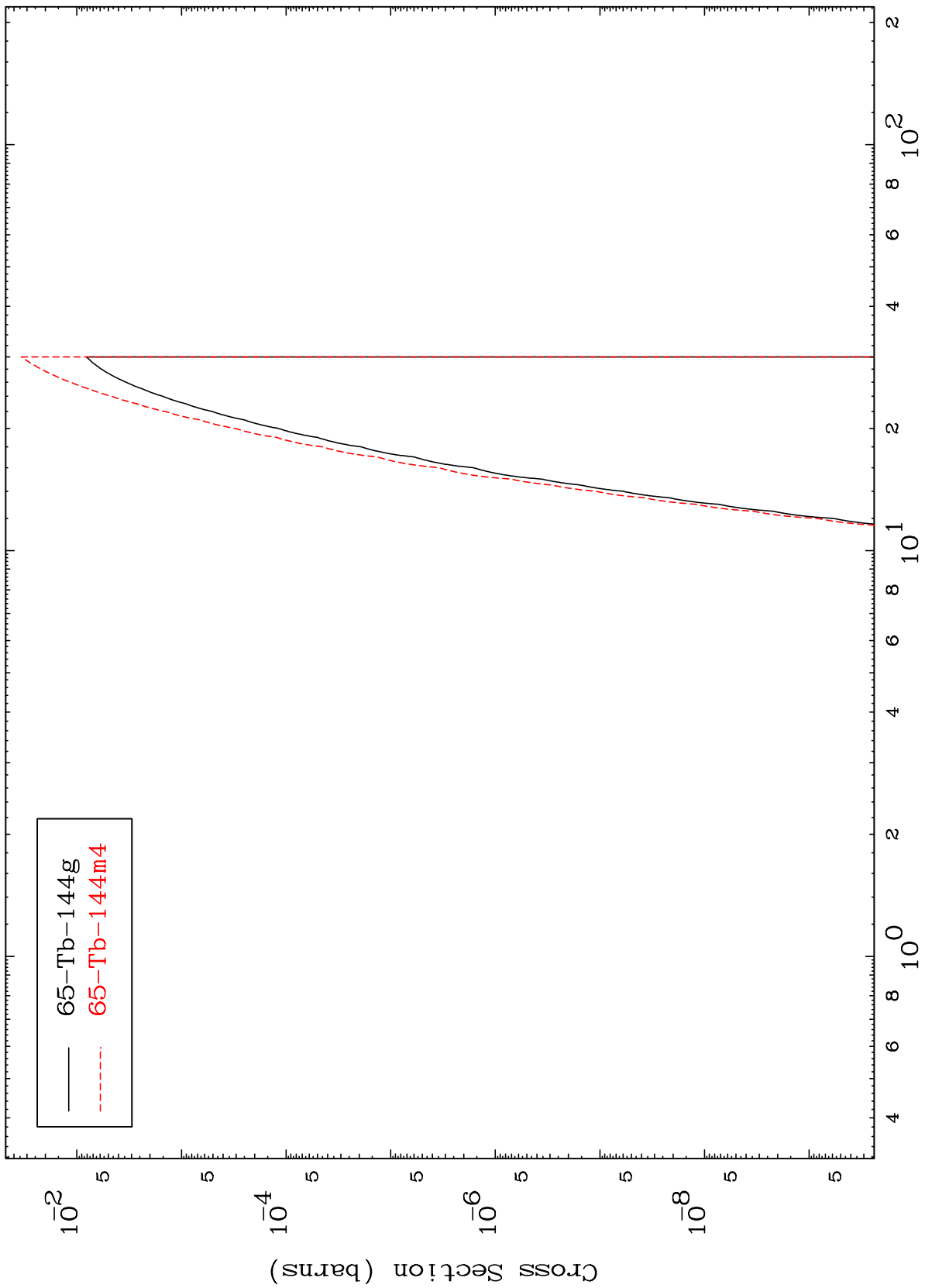
68-Er-149

MAT 6787

(n,n') p α

68-Er-149

Radionuclide Production Cross Section



26

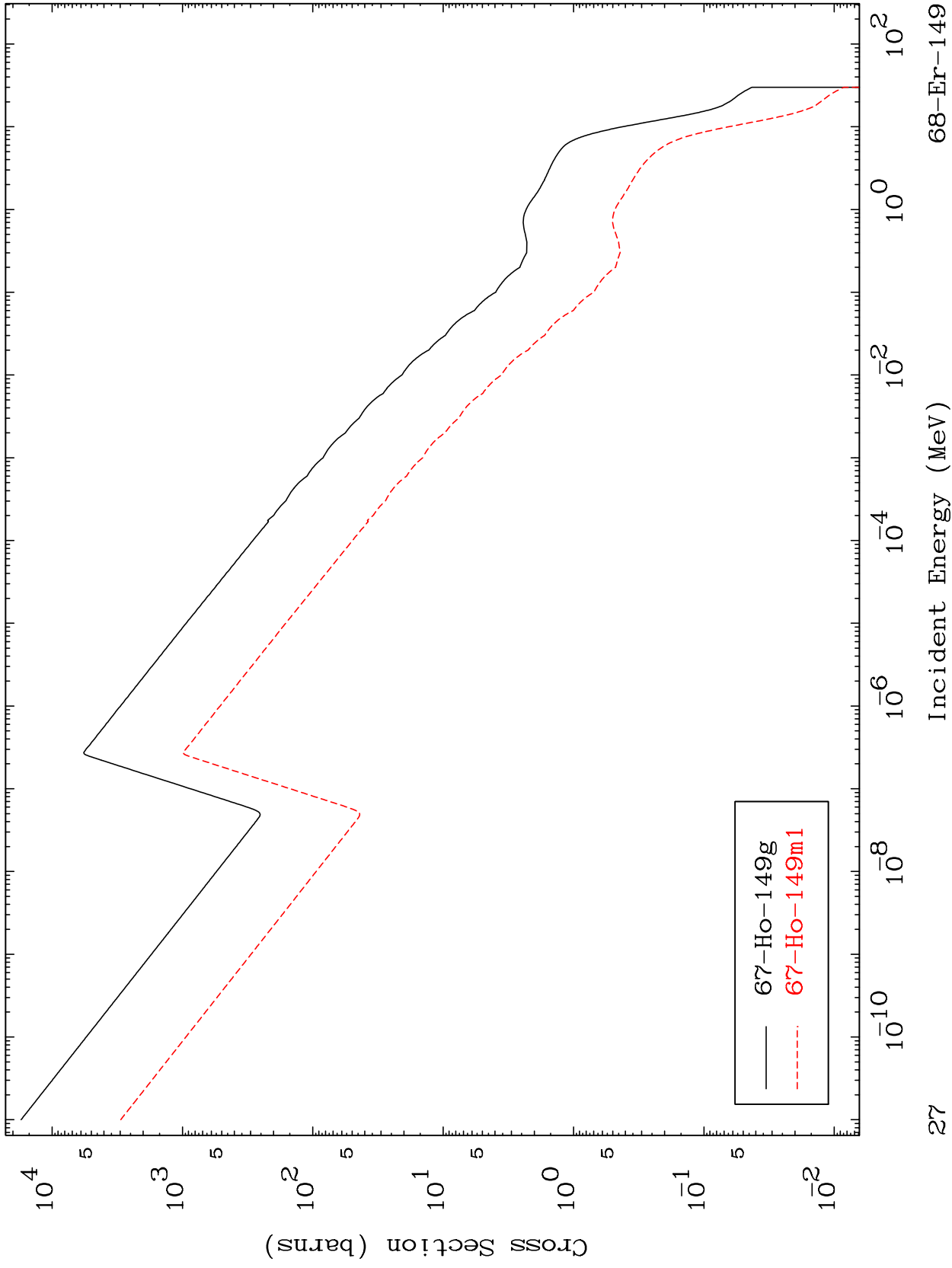
Incident Energy (MeV)

68-Er-149

MAT 6787

68-Er-149

Radionuclide Production Cross Section

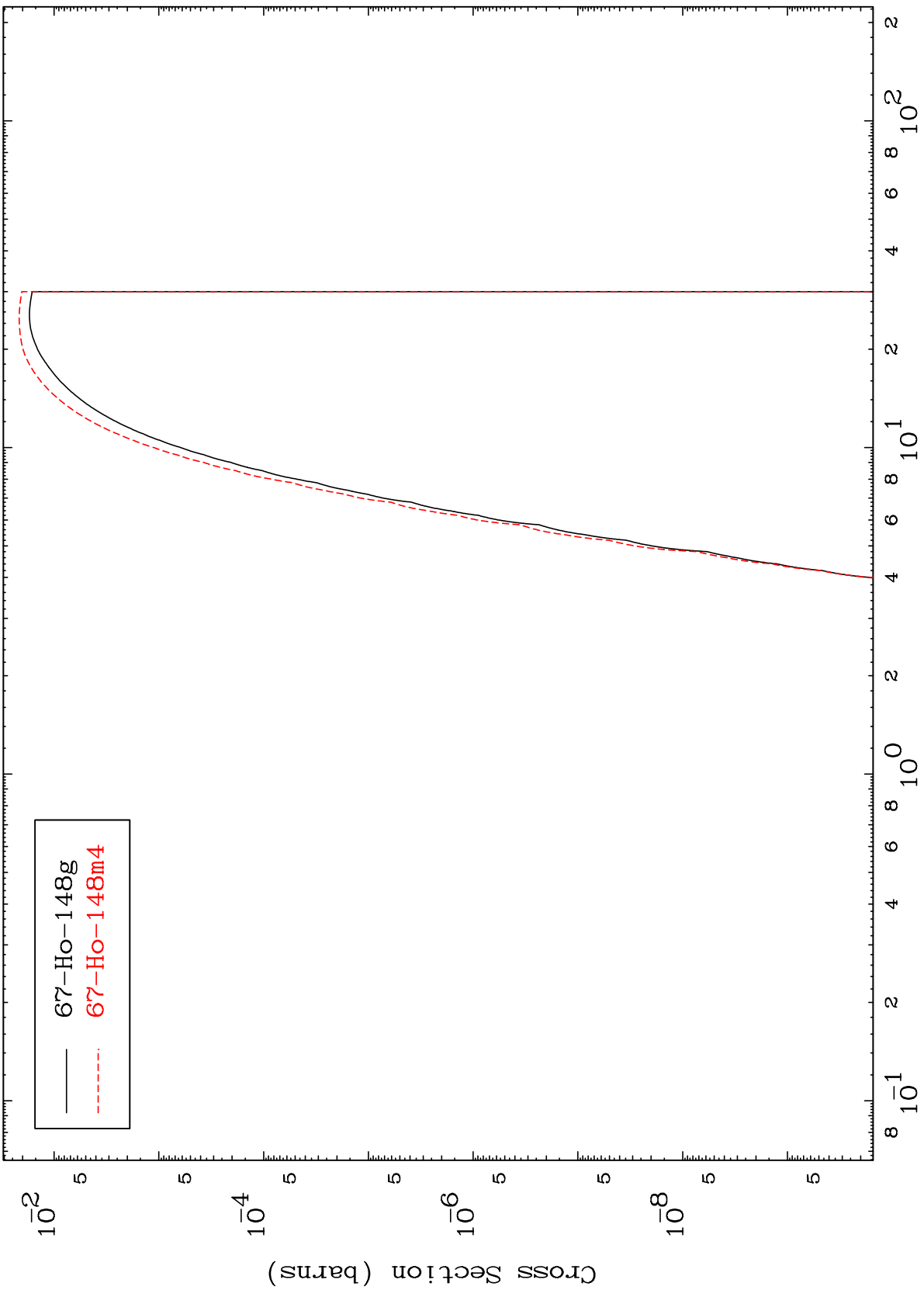
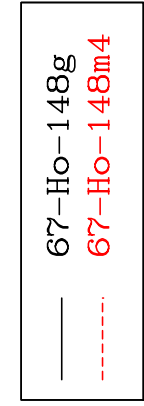


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(n,d)

68-Er-149

Radionuclide Production Cross Section



28

Incident Energy (MeV)

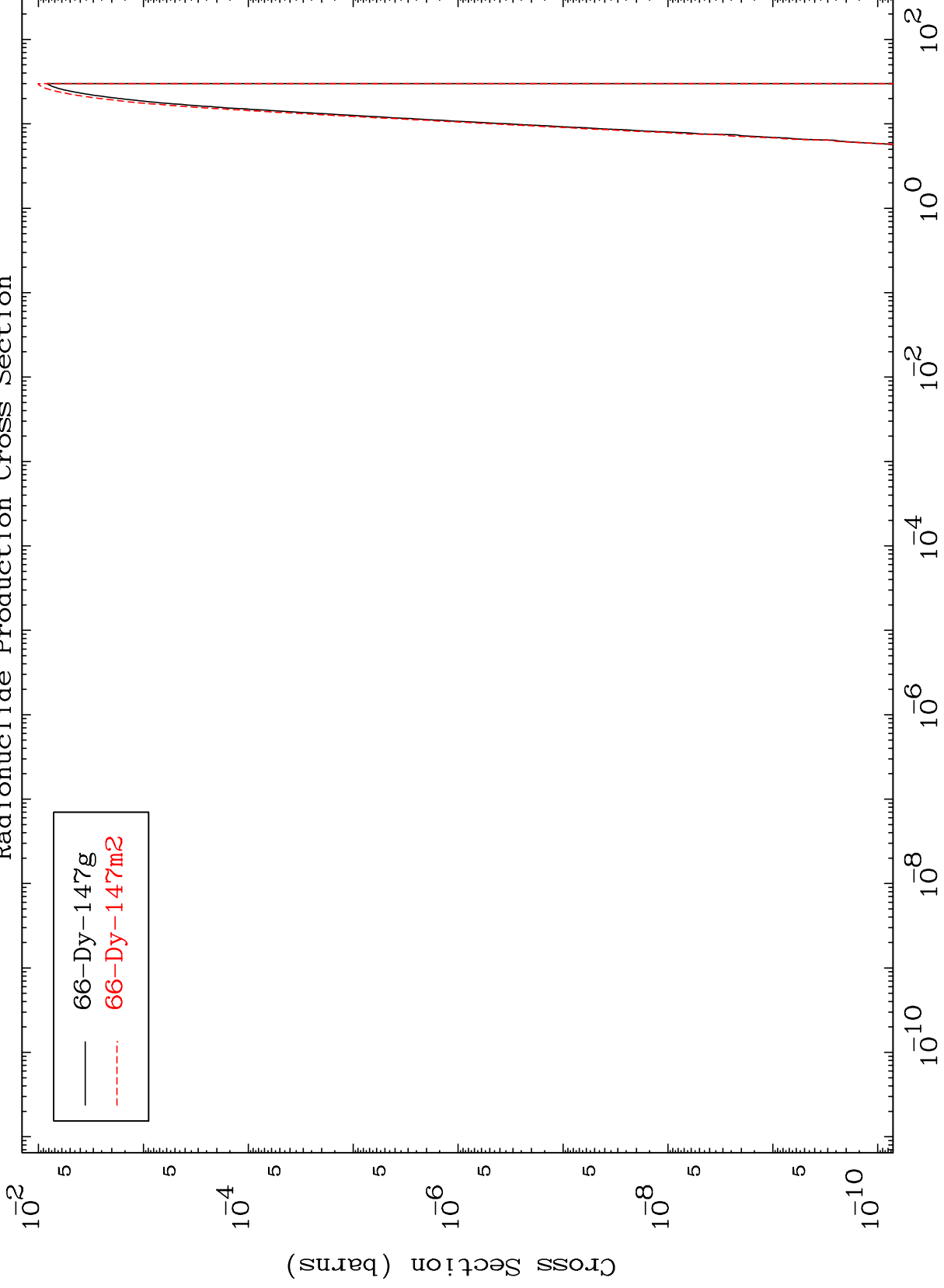
68-Er-149

MAT 6787

(n,He-3)

68-Er-149

Radionuclide Production Cross Section



66-Dy-147g
66-Dy-147m2

Incident Energy (MeV)

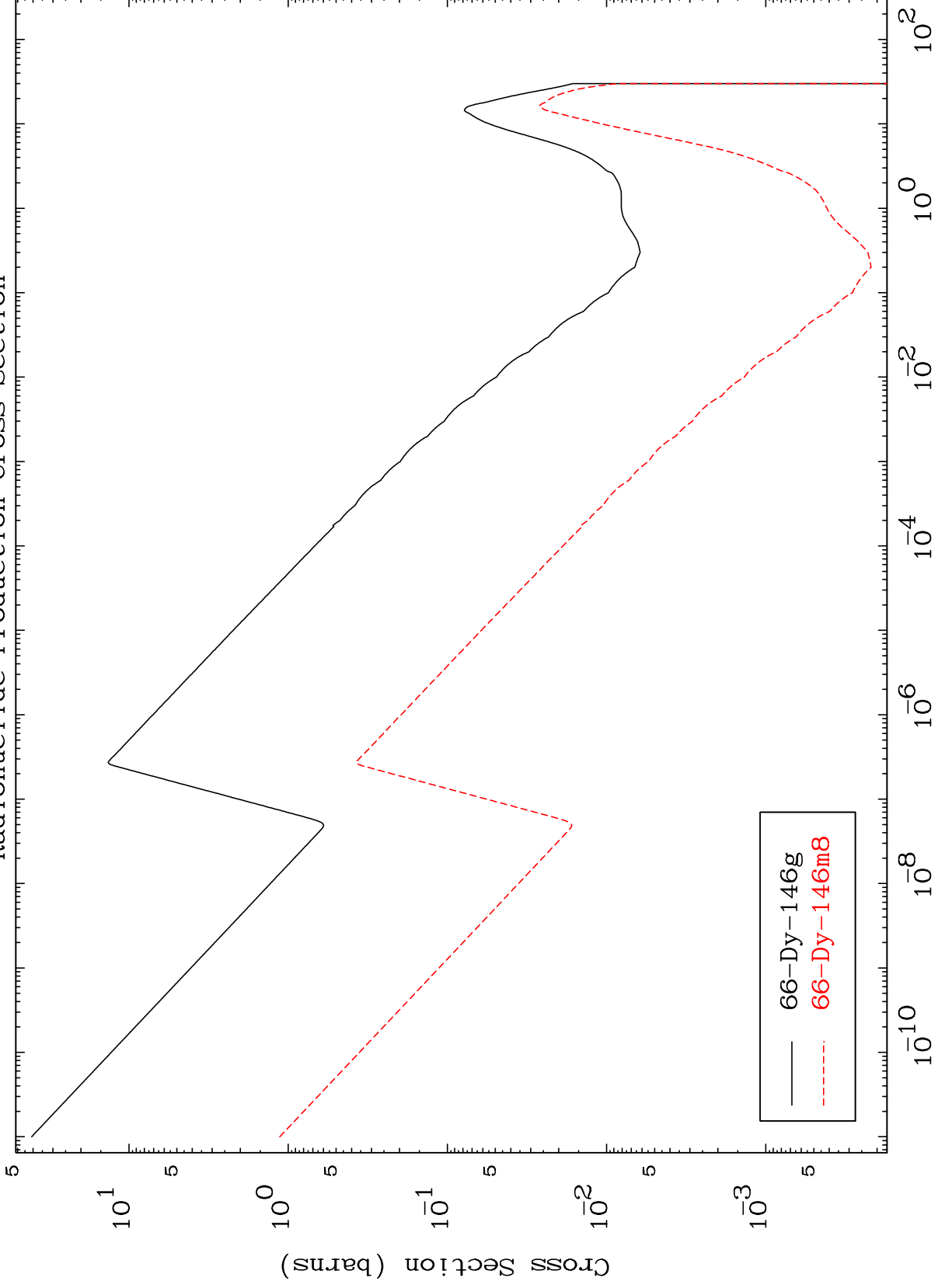
68-Er-149

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68-Er-149

Radionuclide Production Cross Section



30

Incident Energy (MeV)

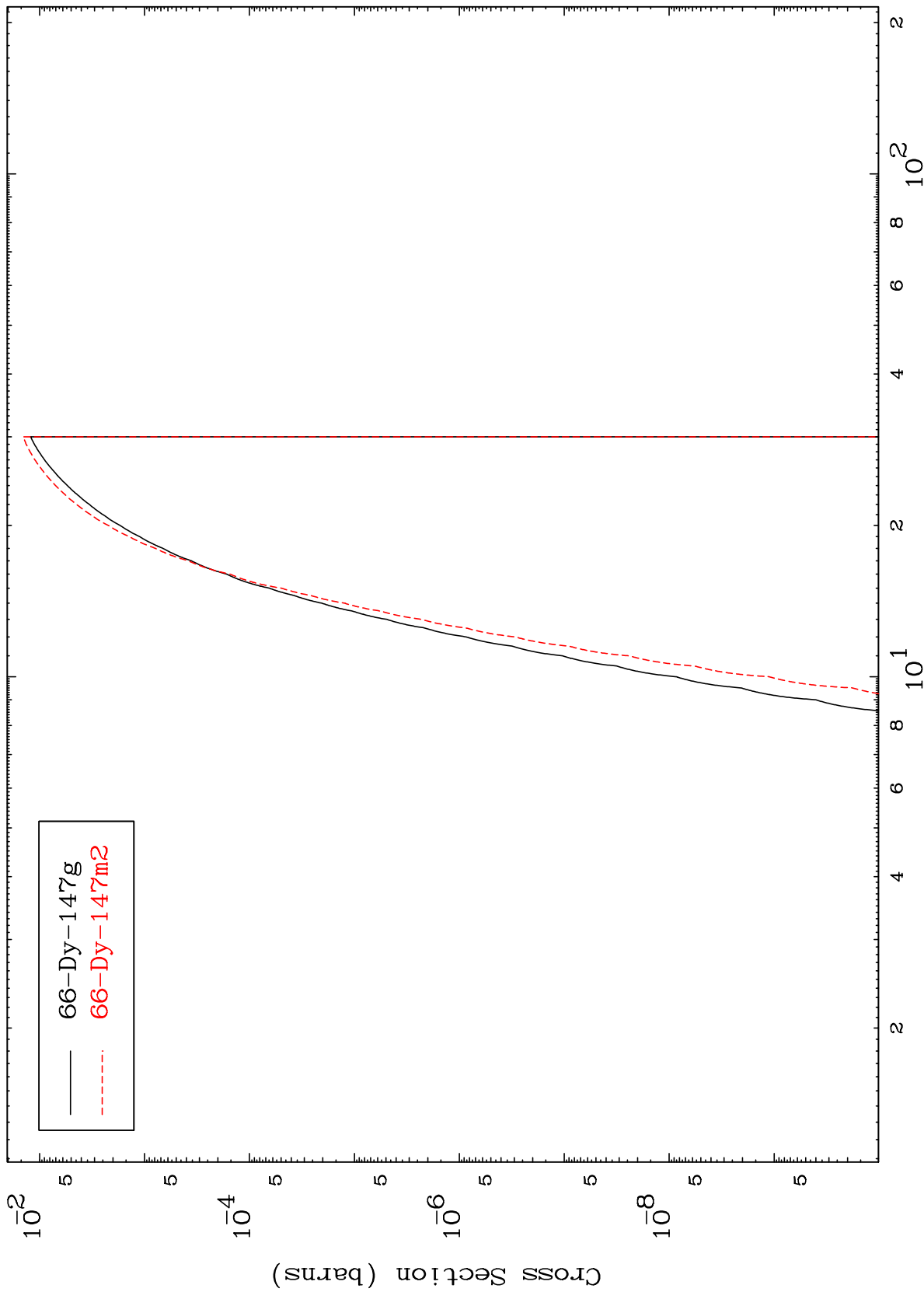
68-Er-149

MAT 6787

(n,p) d

68-Er-149

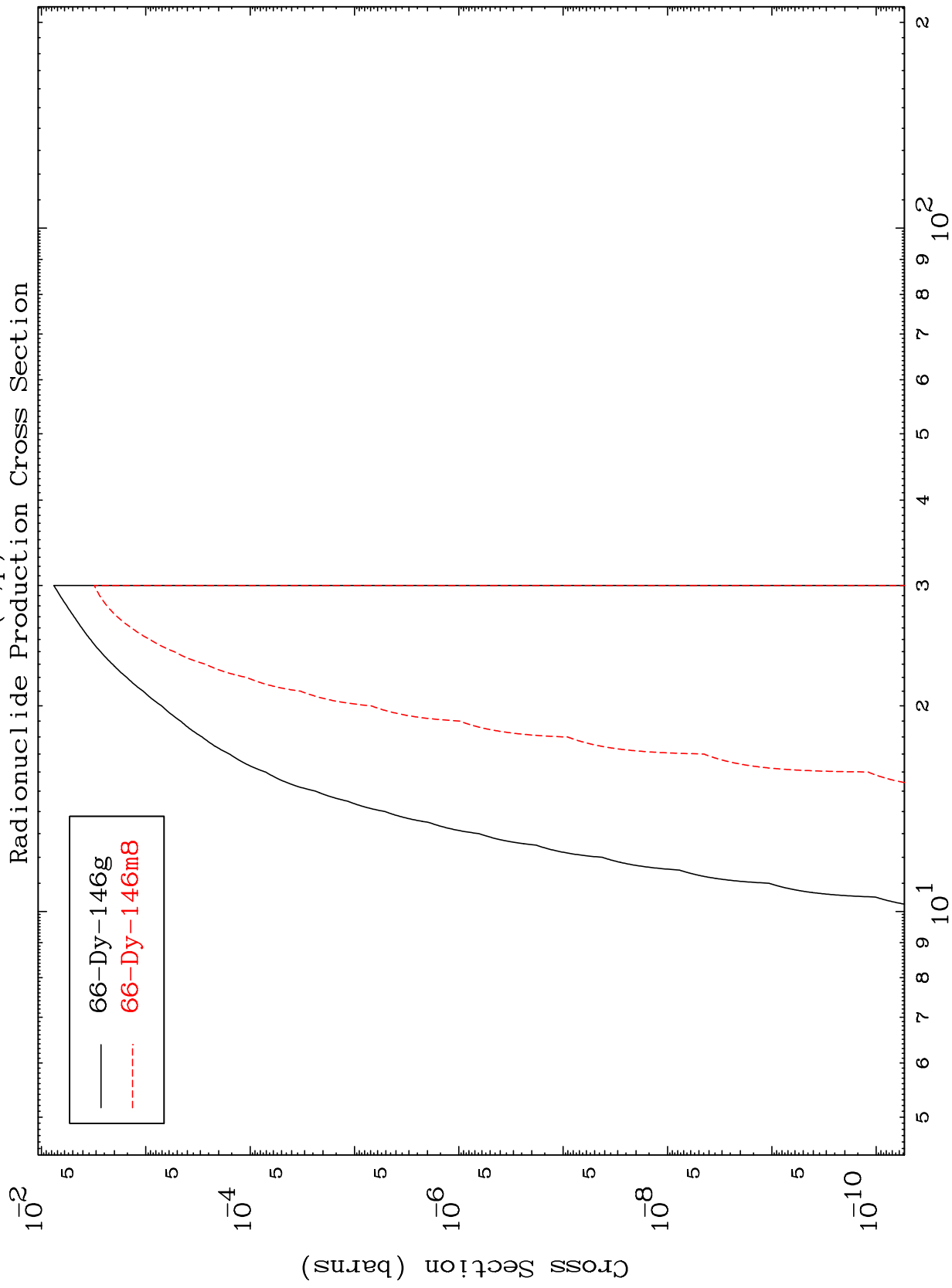
Radionuclide Production Cross Section



MAT 6787

(n,p) t

68-Er-149



32

Incident Energy (MeV)

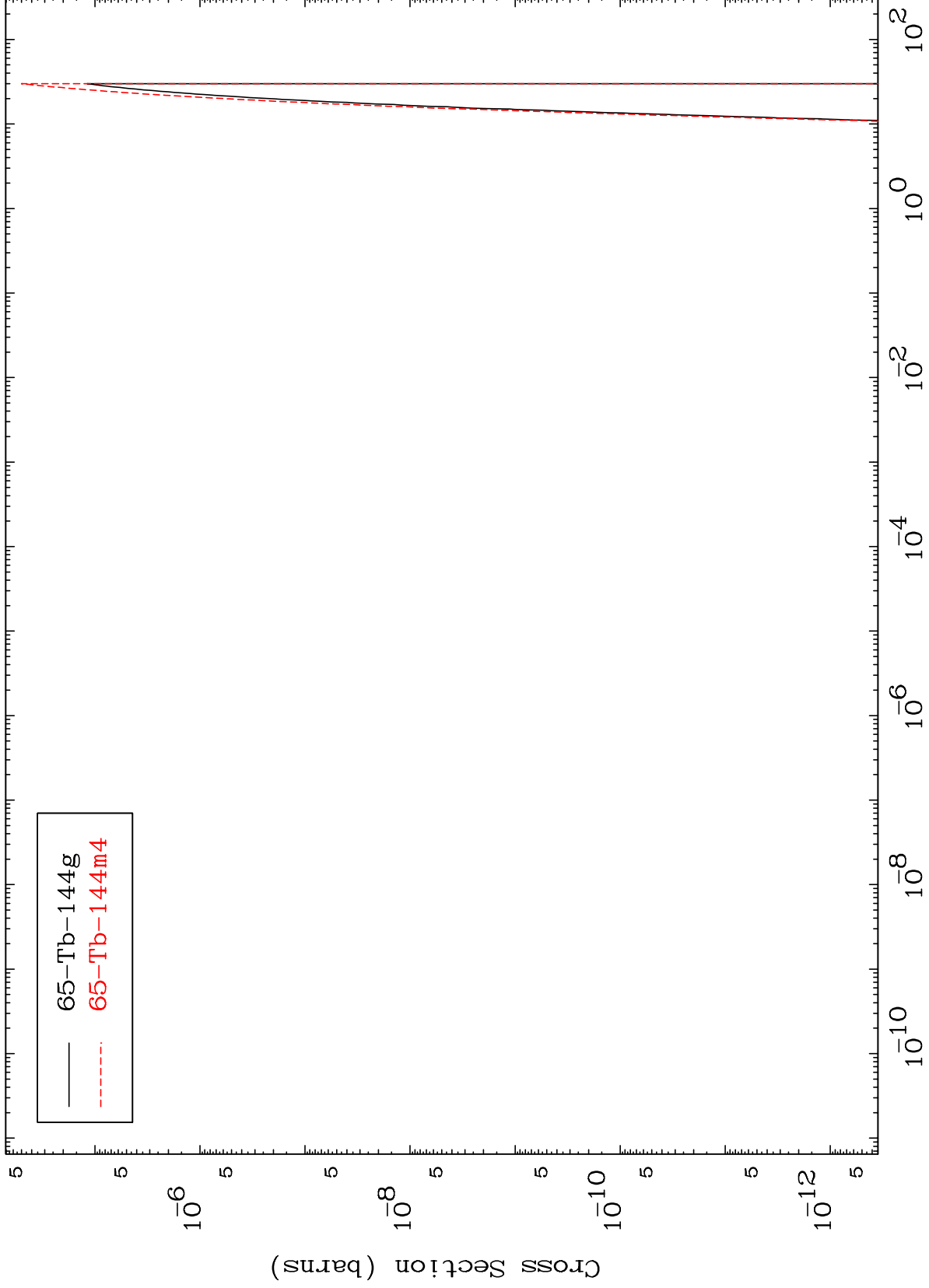
68-Er-149

MAT 6787

(n,d) α

68-Er-149

Radionuclide Production Cross Section



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Incident Energy (MeV)

68-Er-149