

Program EVALPLOT
(Version 2018-1)

by

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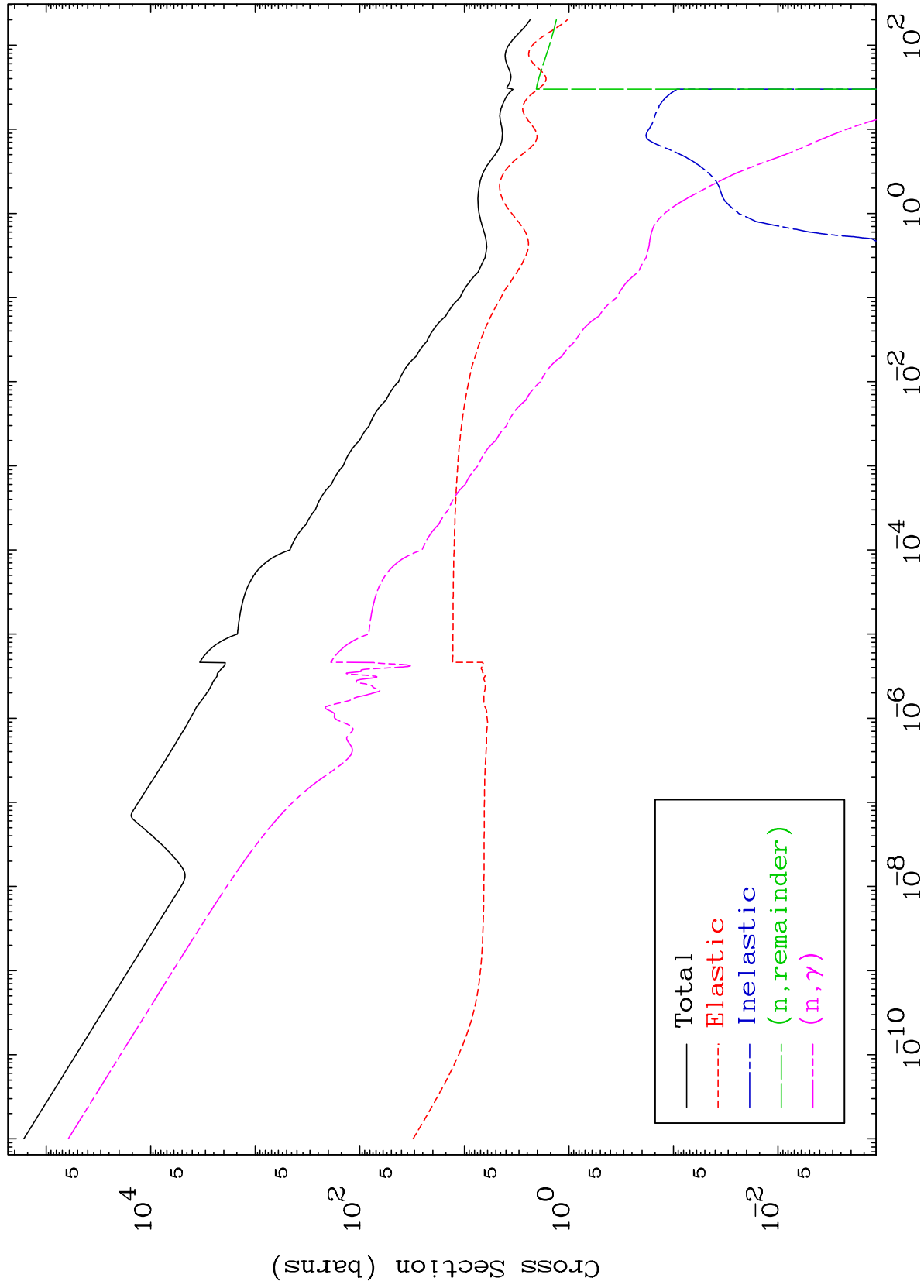
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6781

Major
293 Kelvin Cross Sections

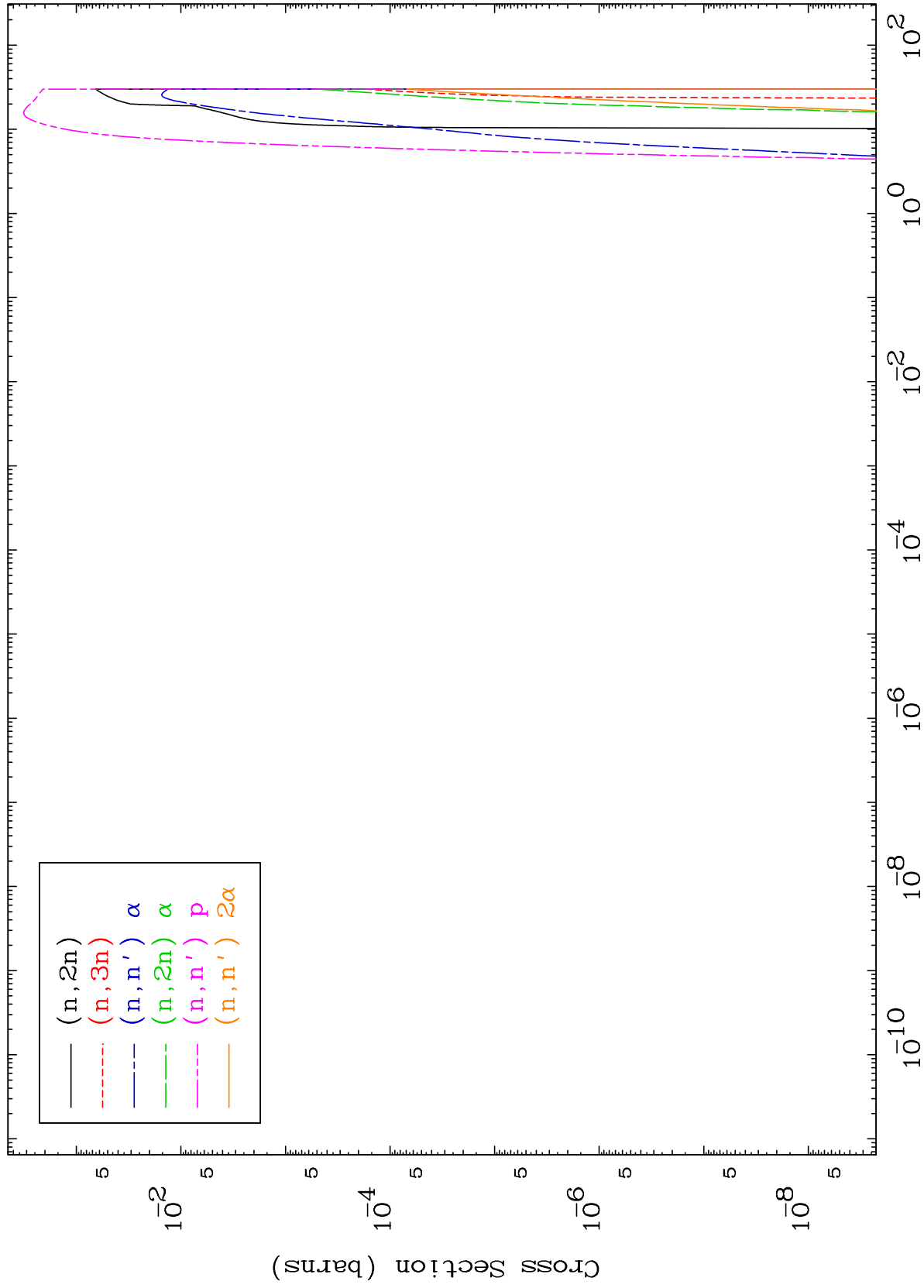
68-Er-147

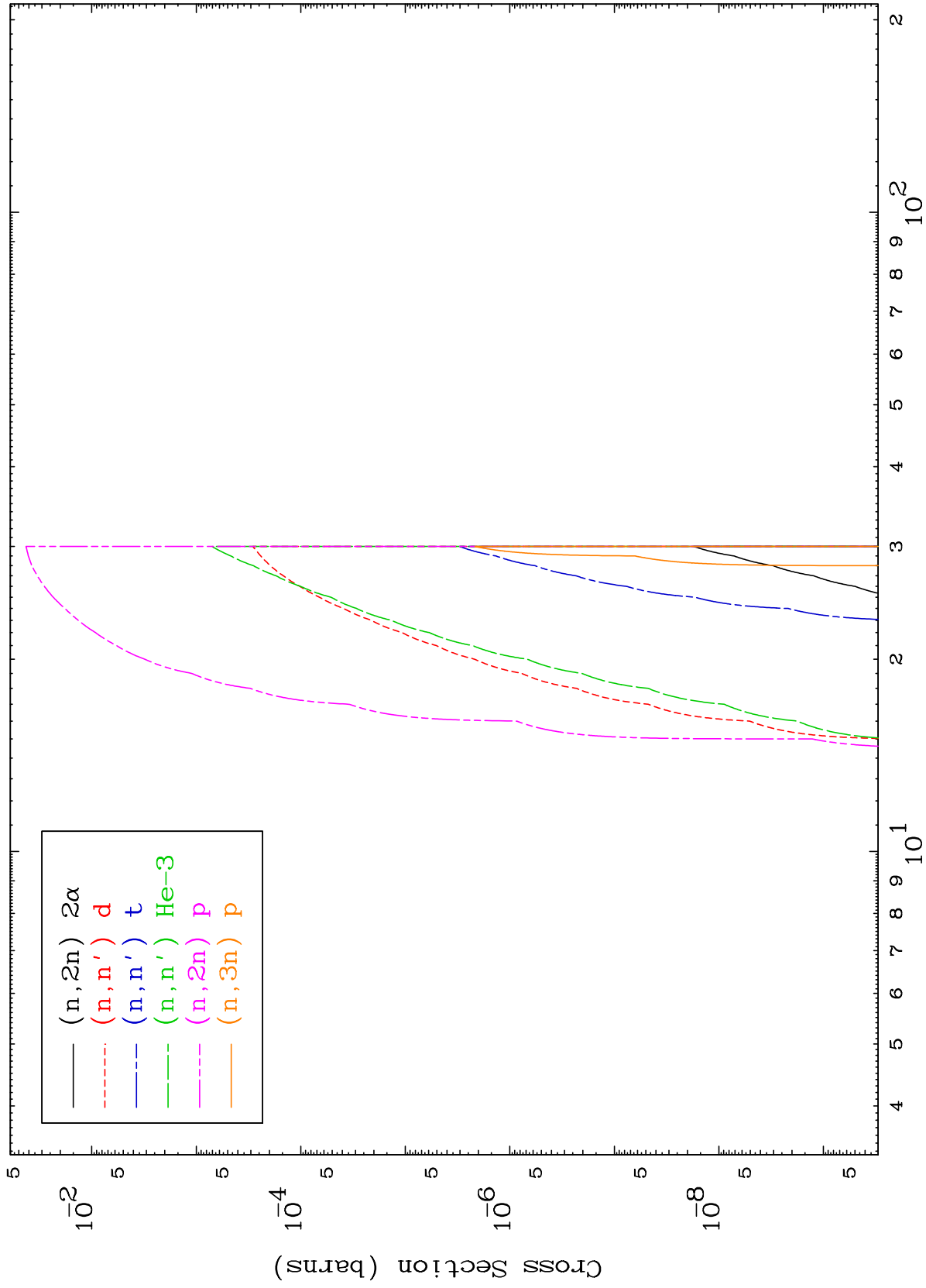


MAT 6781

Neutron Production
293 Kelvin Cross Sections

68-Er-147

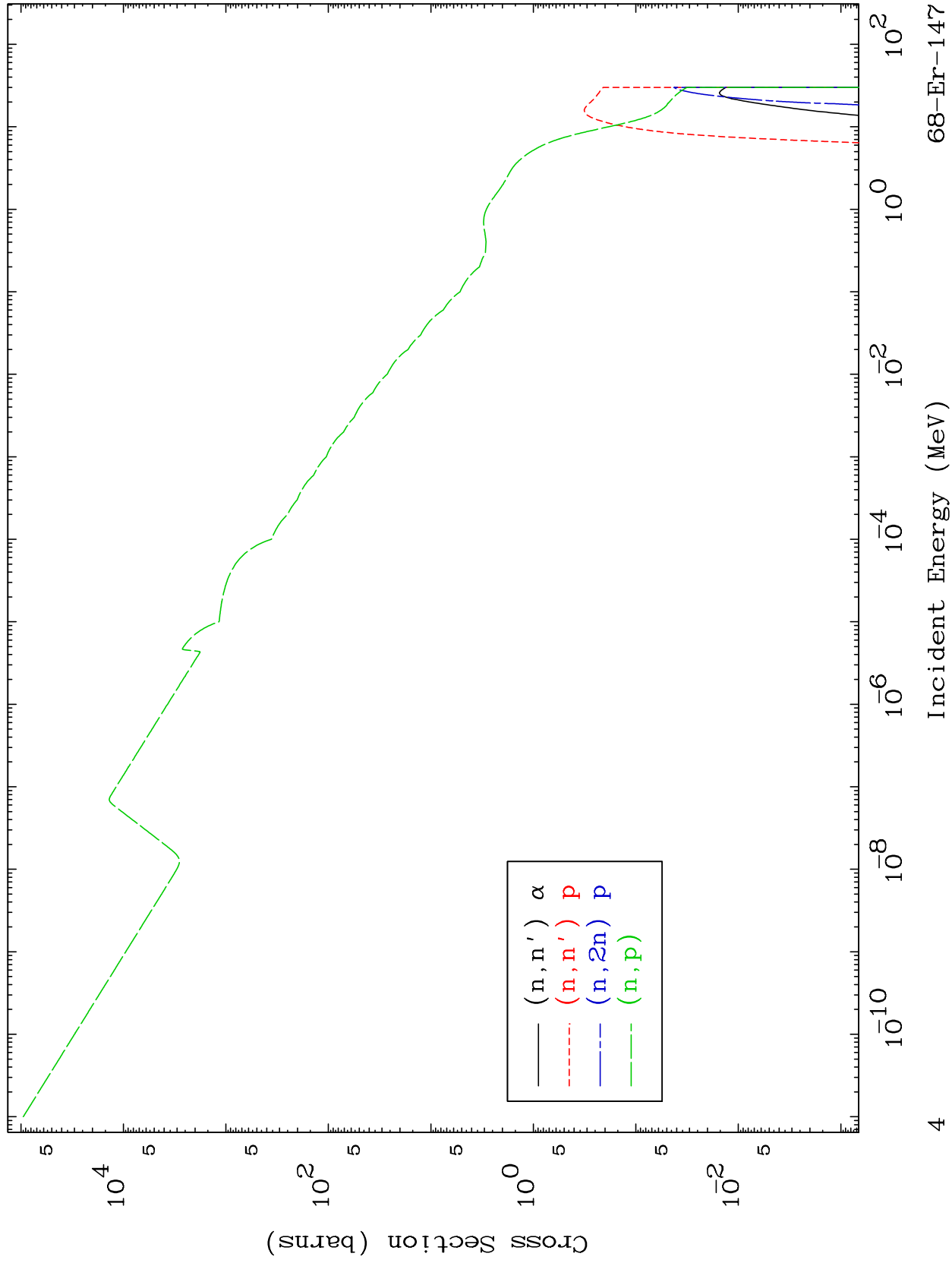


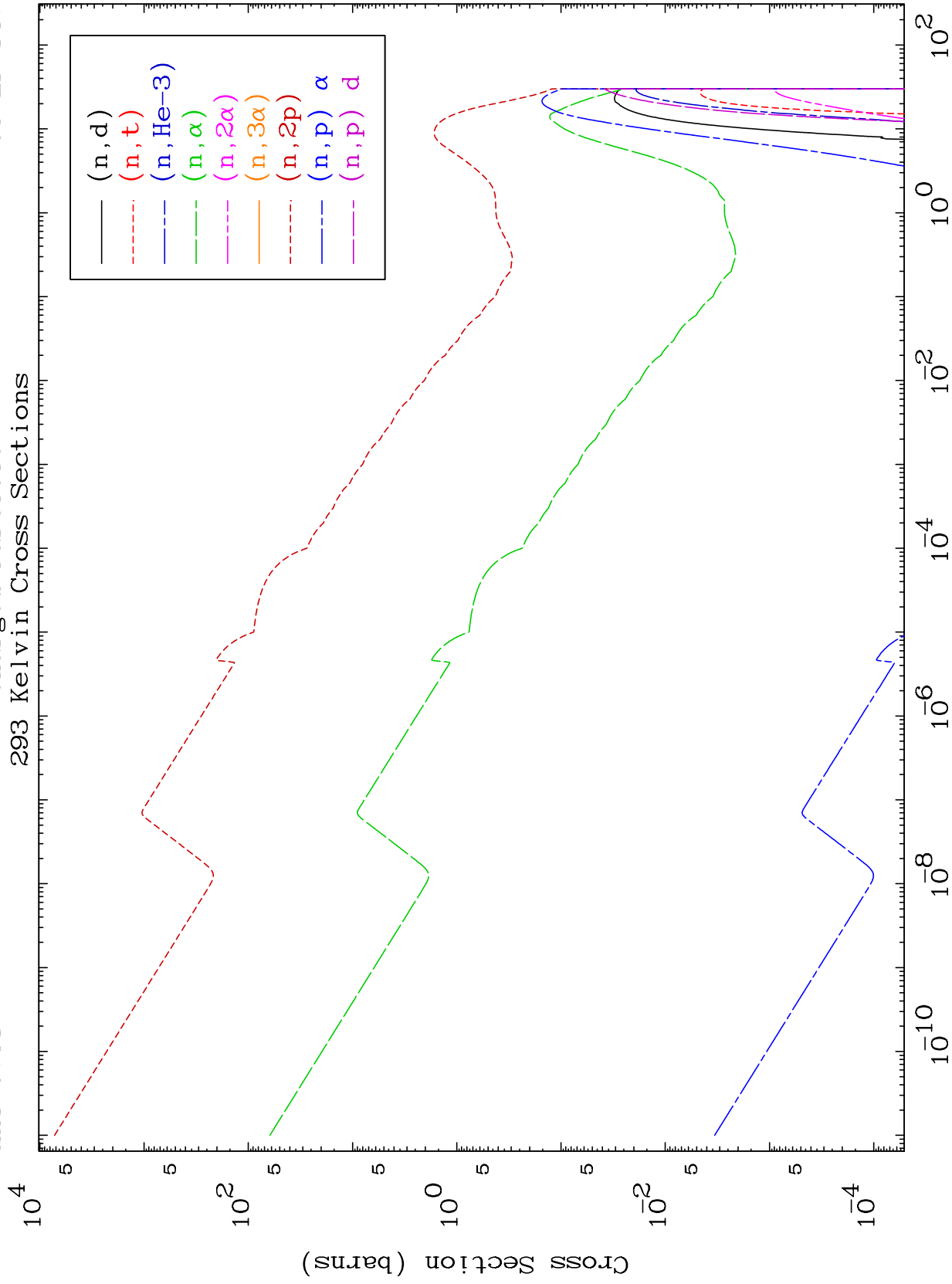


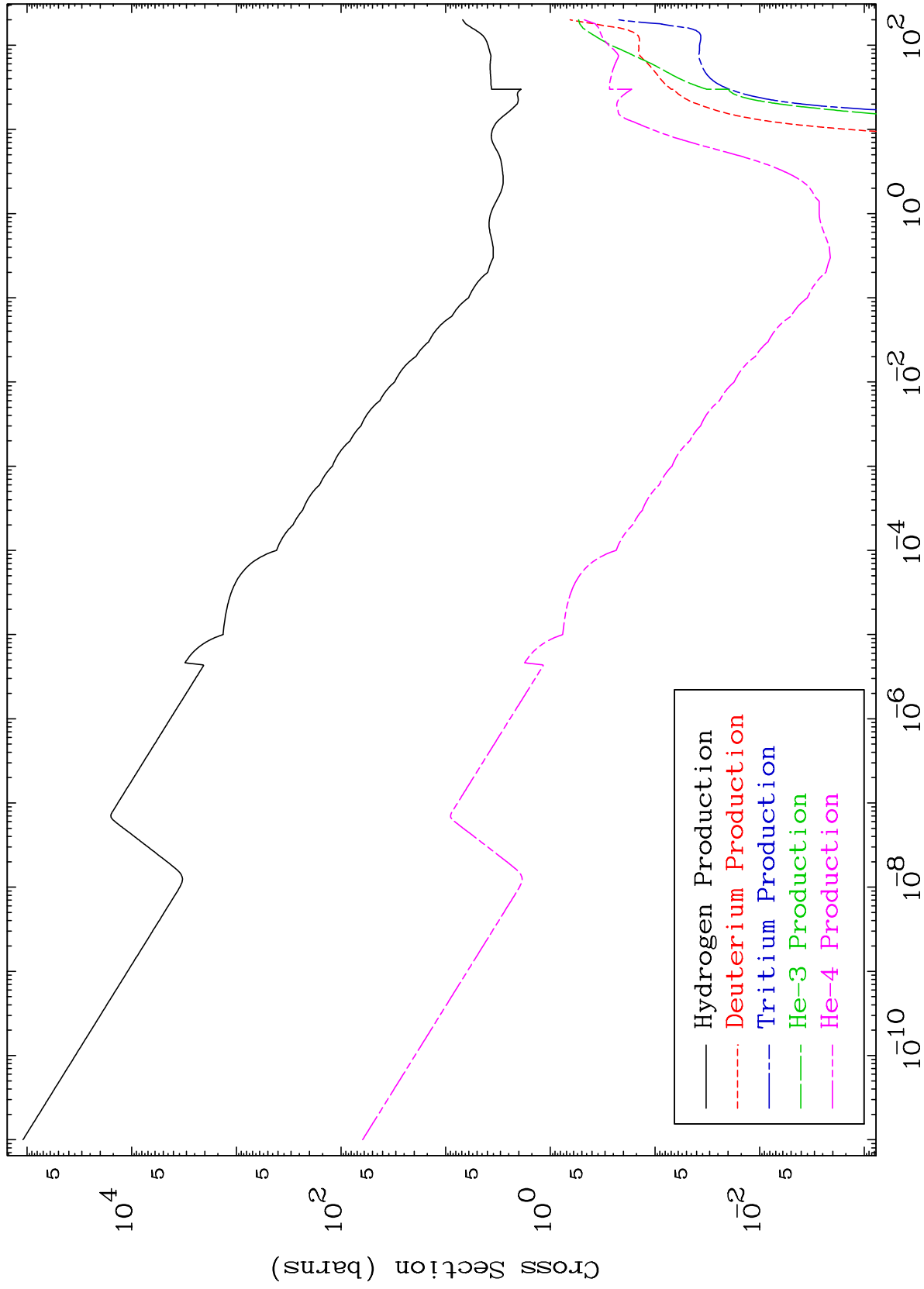
MAT 6781

Charged Particle
293 Kelvin Cross Sections

68-Er-147



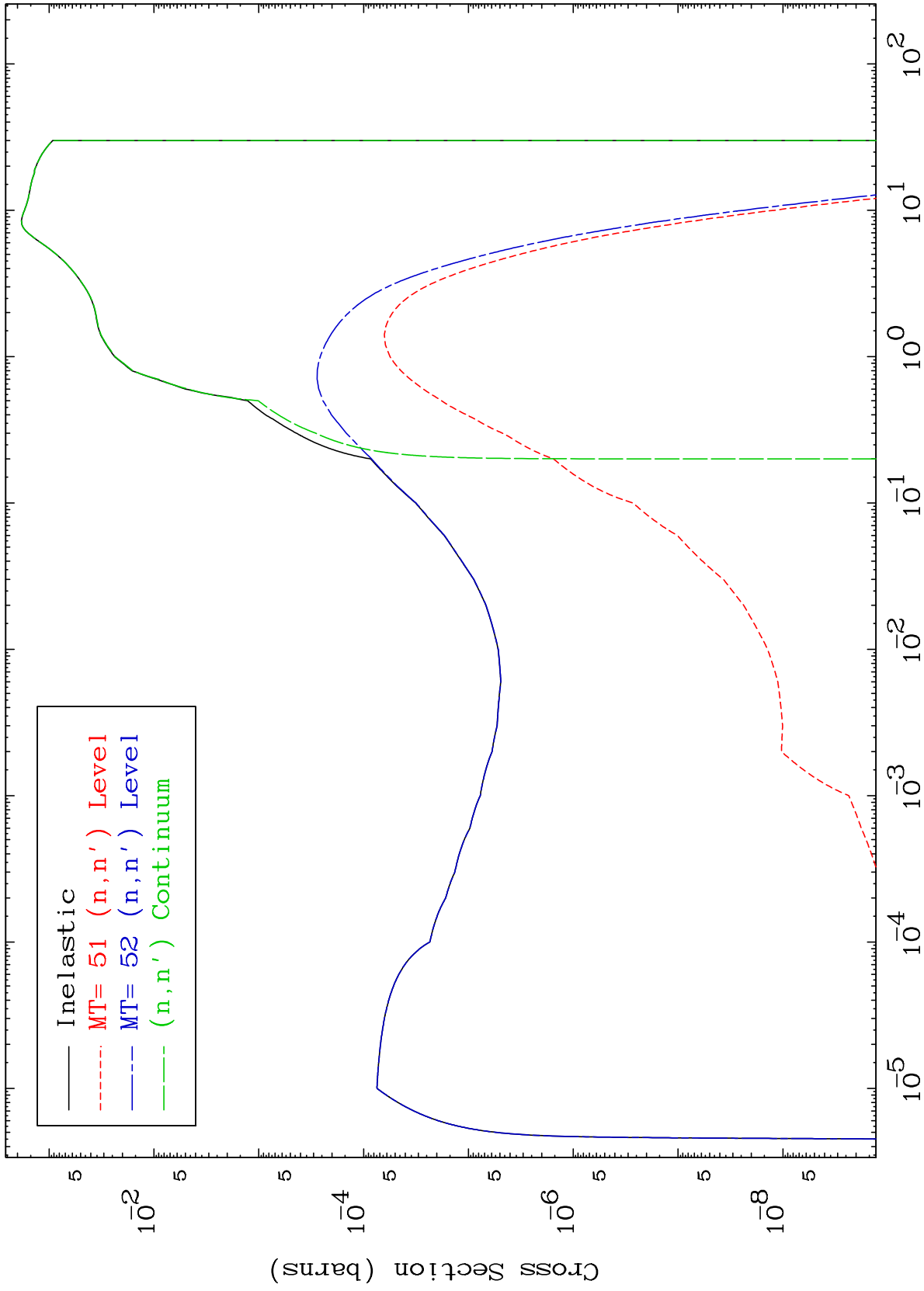




MAT 6781

293 Kelvin Cross Sections

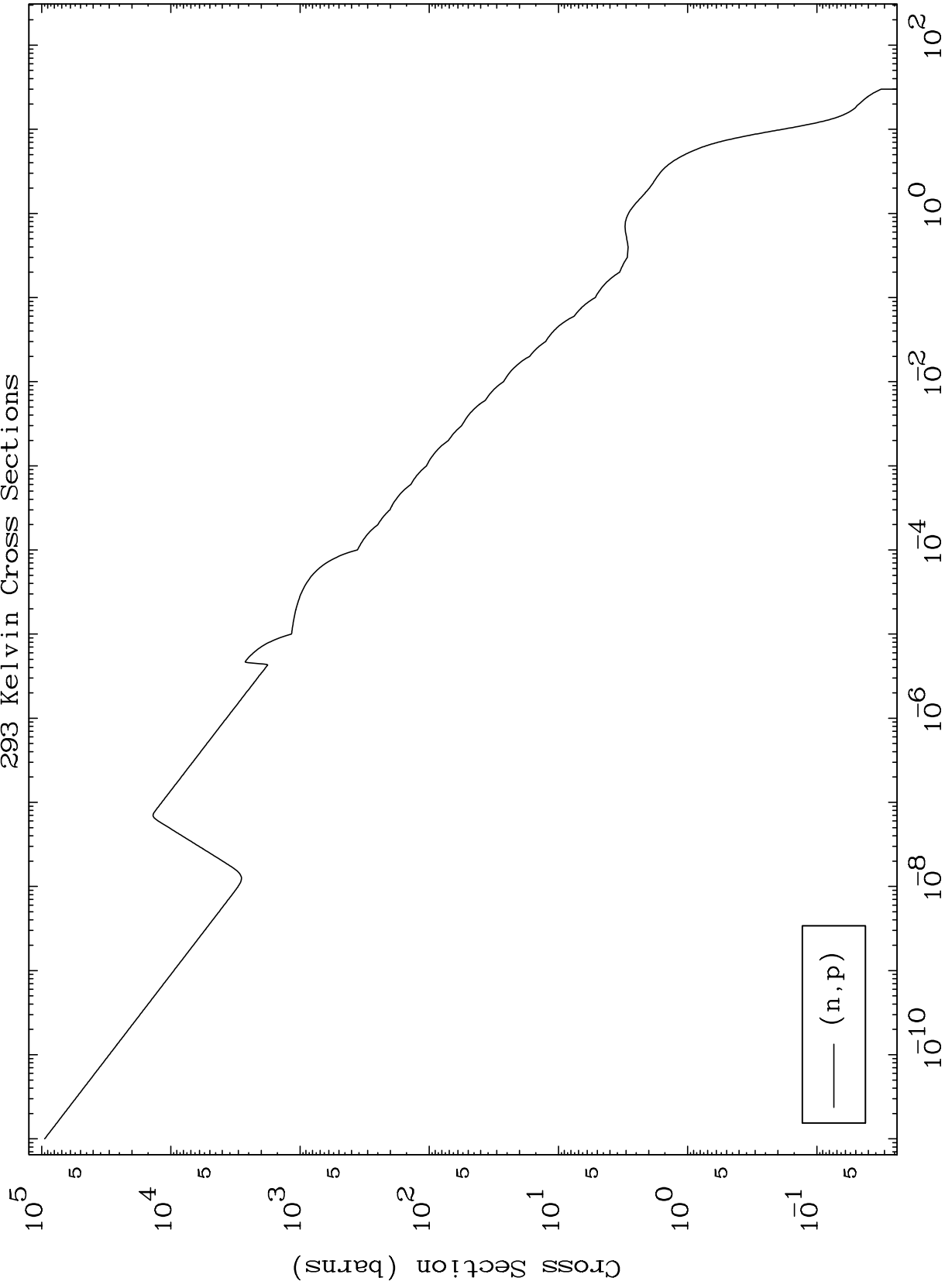
68-Er-147



MAT 6781

(n,p) Levels
293 Kelvin Cross Sections

68-Er-147



8

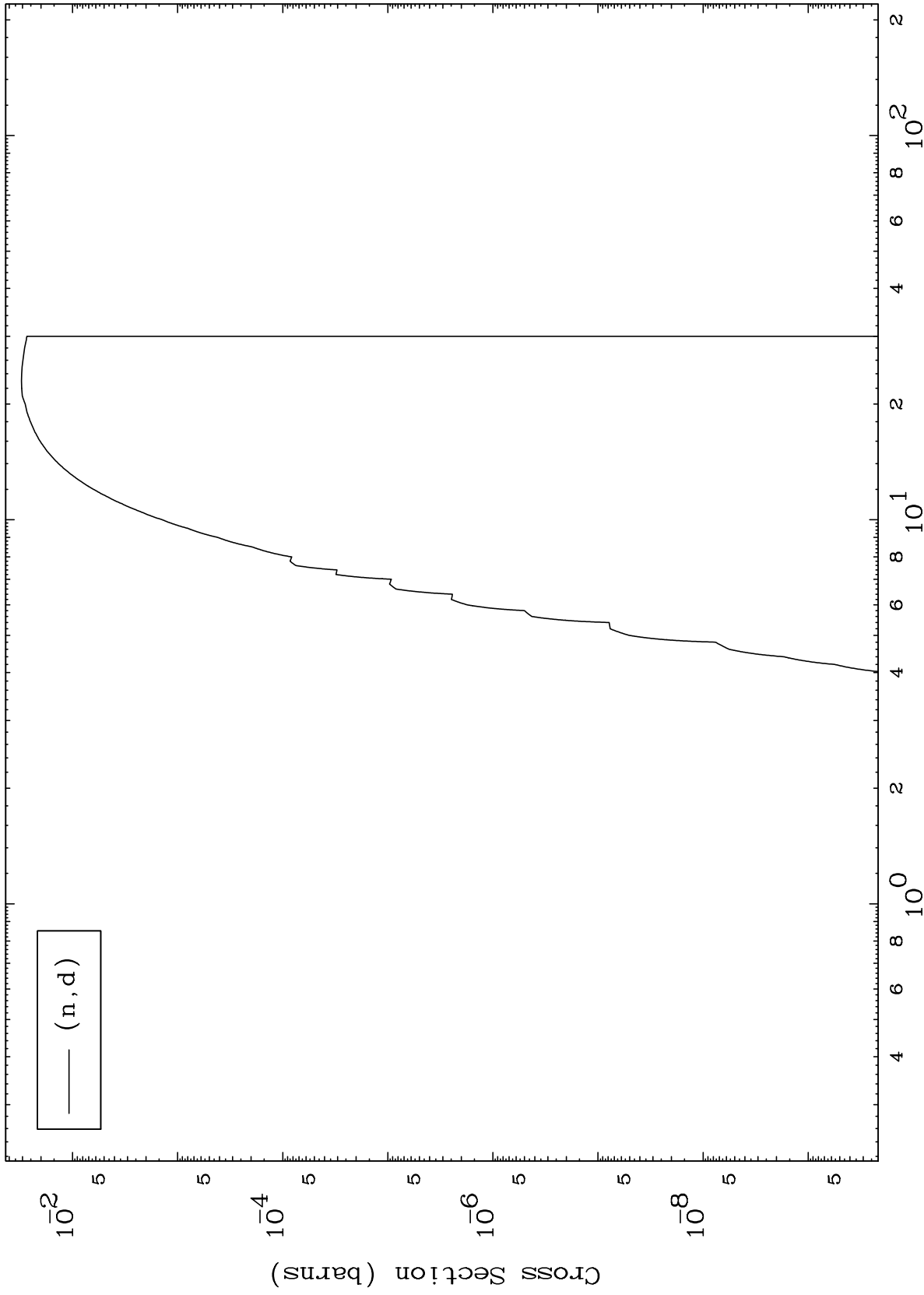
Incident Energy (MeV)

68-Er-147

MAT 6781

(n,d) Levels
293 Kelvin Cross Sections

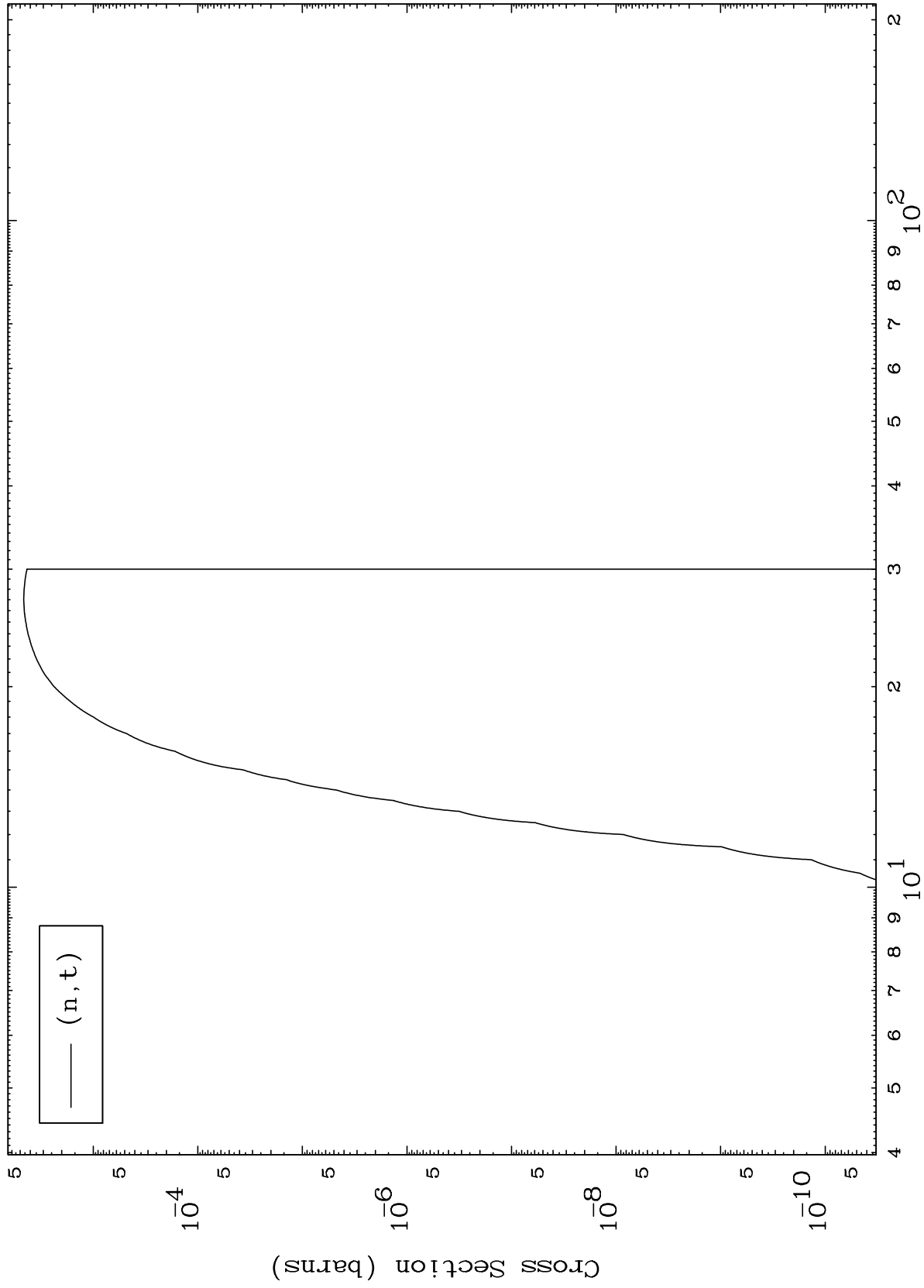
68-Er-147



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(n,t) Levels
293 Kelvin Cross Sections

68-Er-147



10

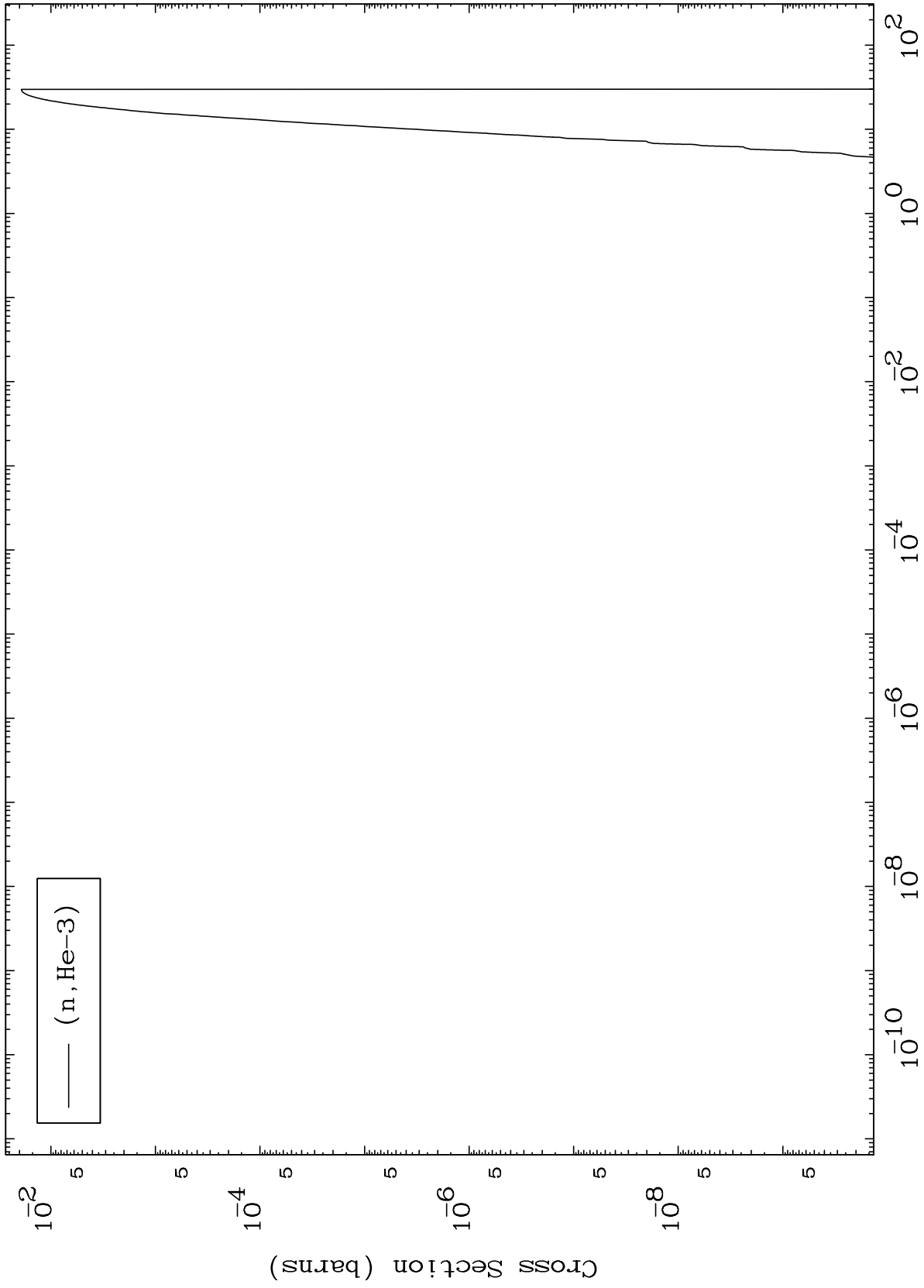
Incident Energy (MeV)

68-Er-147

MAT 6781

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-147



11

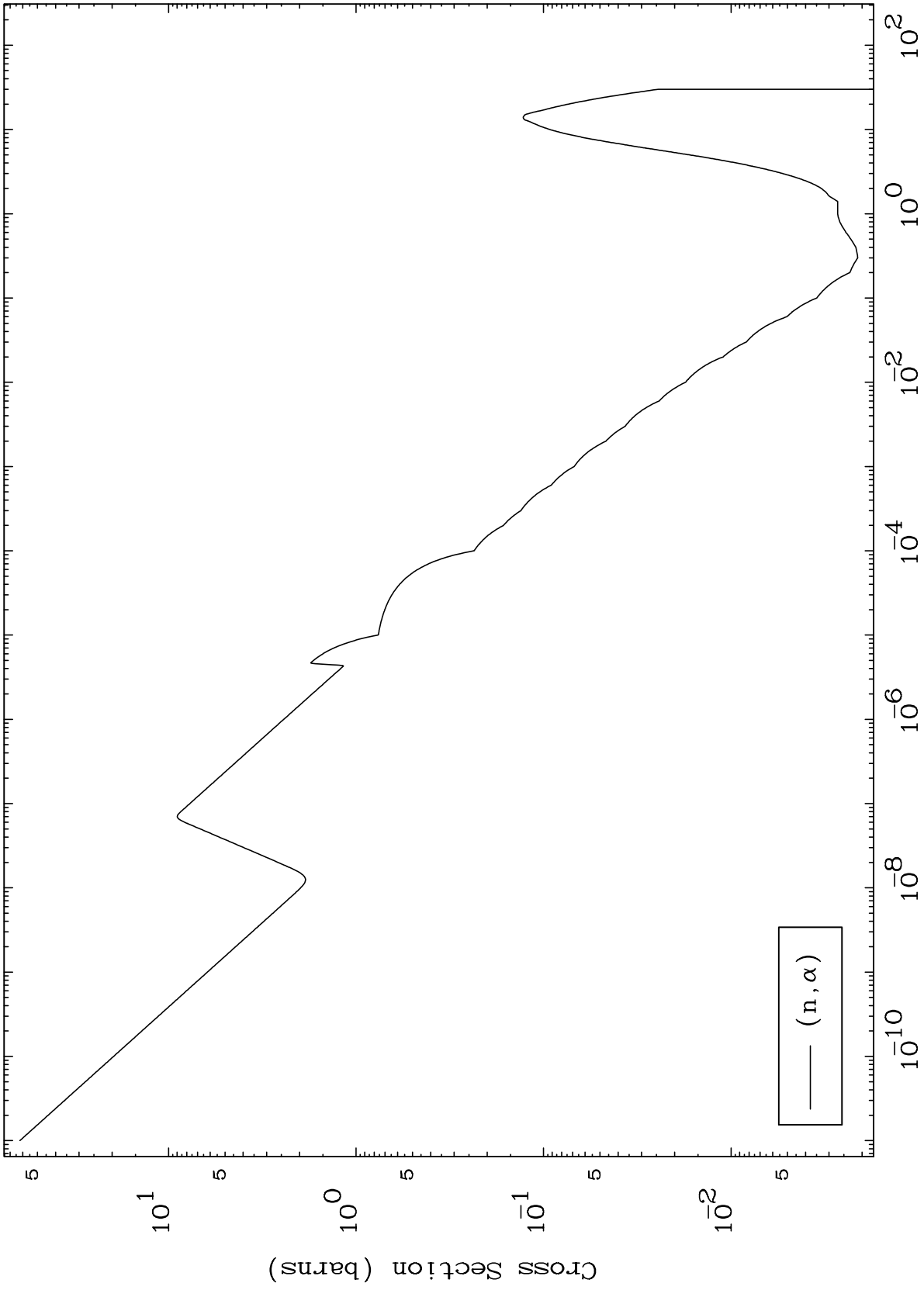
Incident Energy (MeV)

68-Er-147

MAT 6781

(n,α) Levels
293 Kelvin Cross Sections

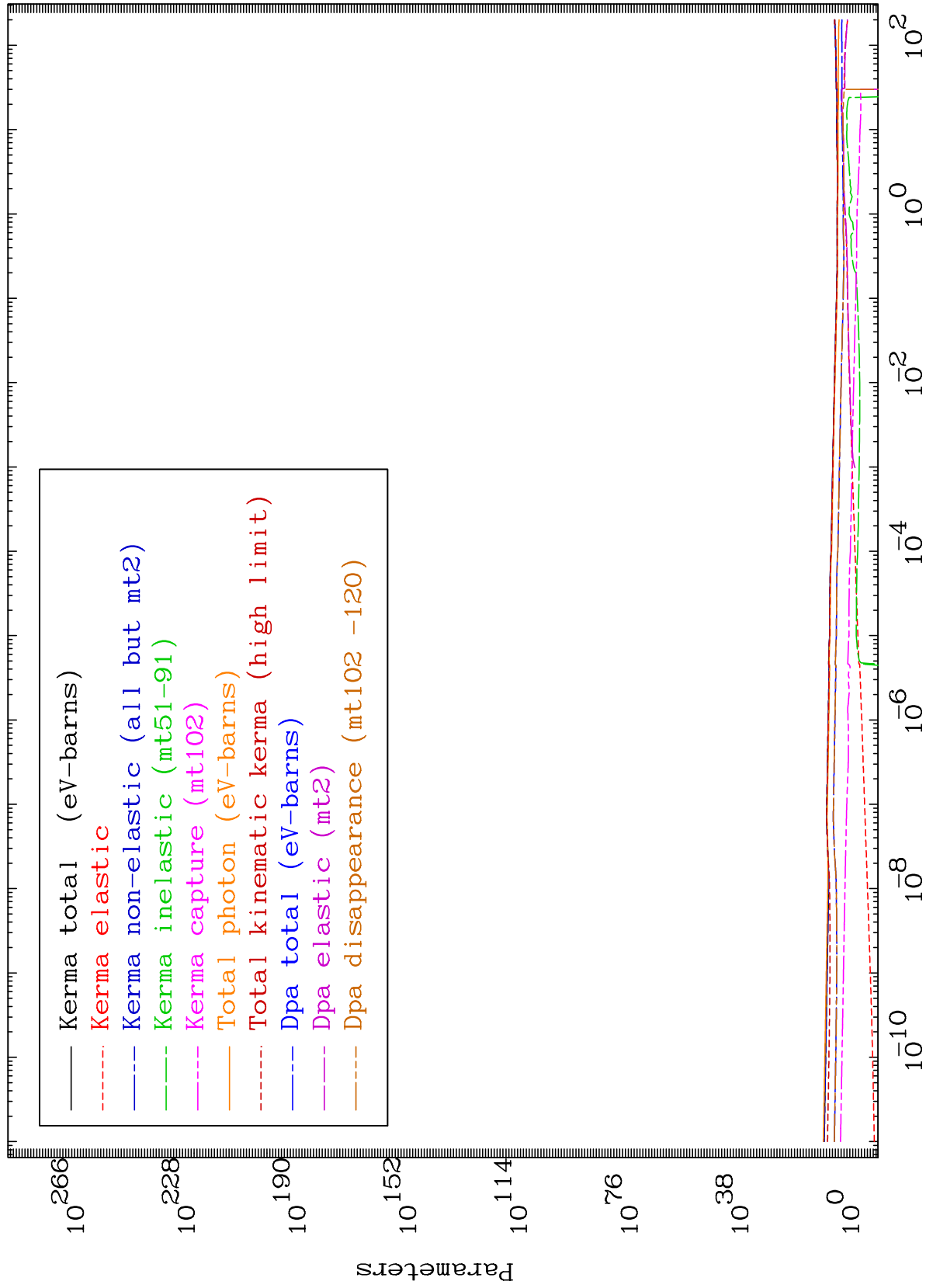
68-Er-147



12

Incident Energy (MeV)

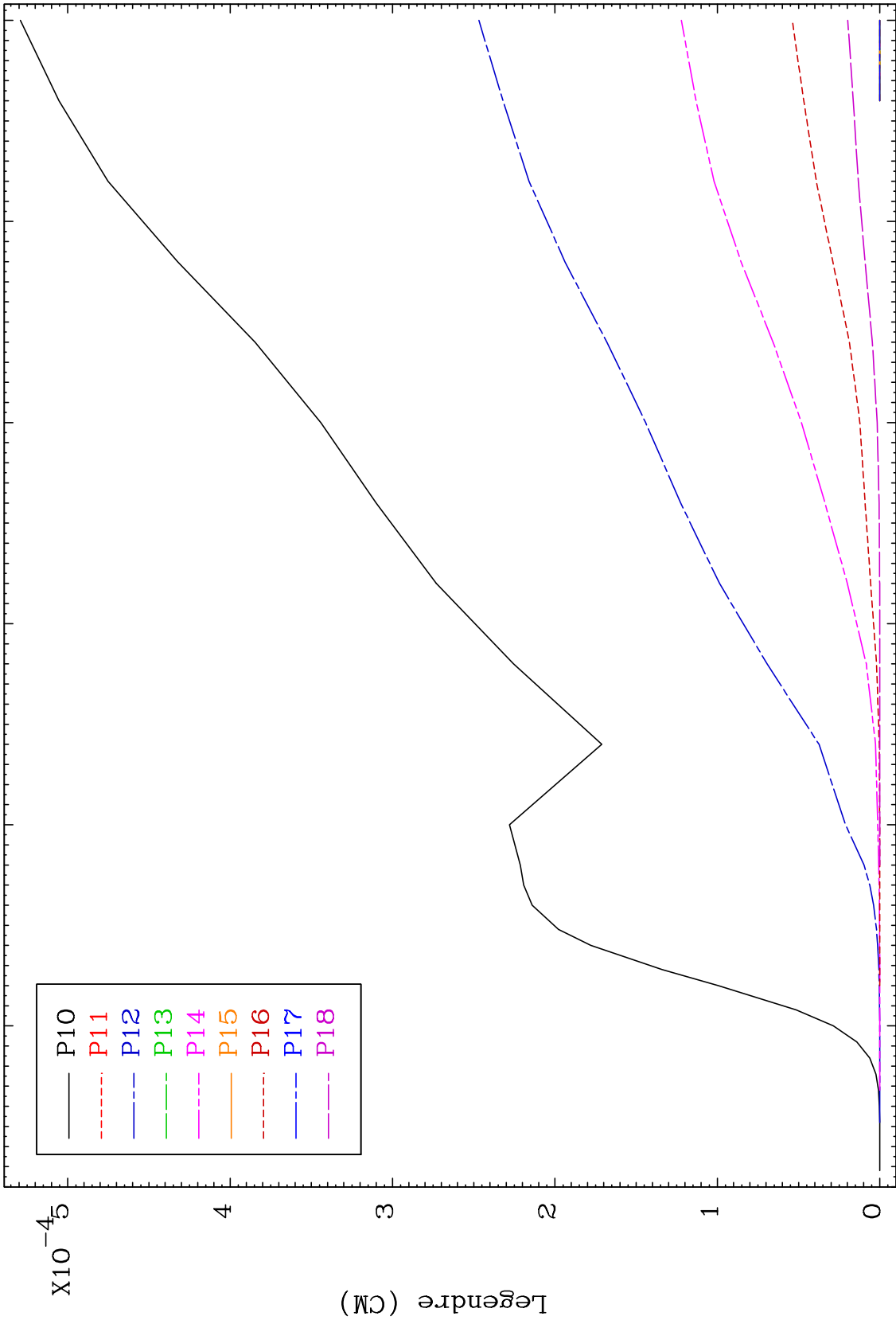
68-Er-147



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Elastic Legendre Coefficients

68-Er-147



15

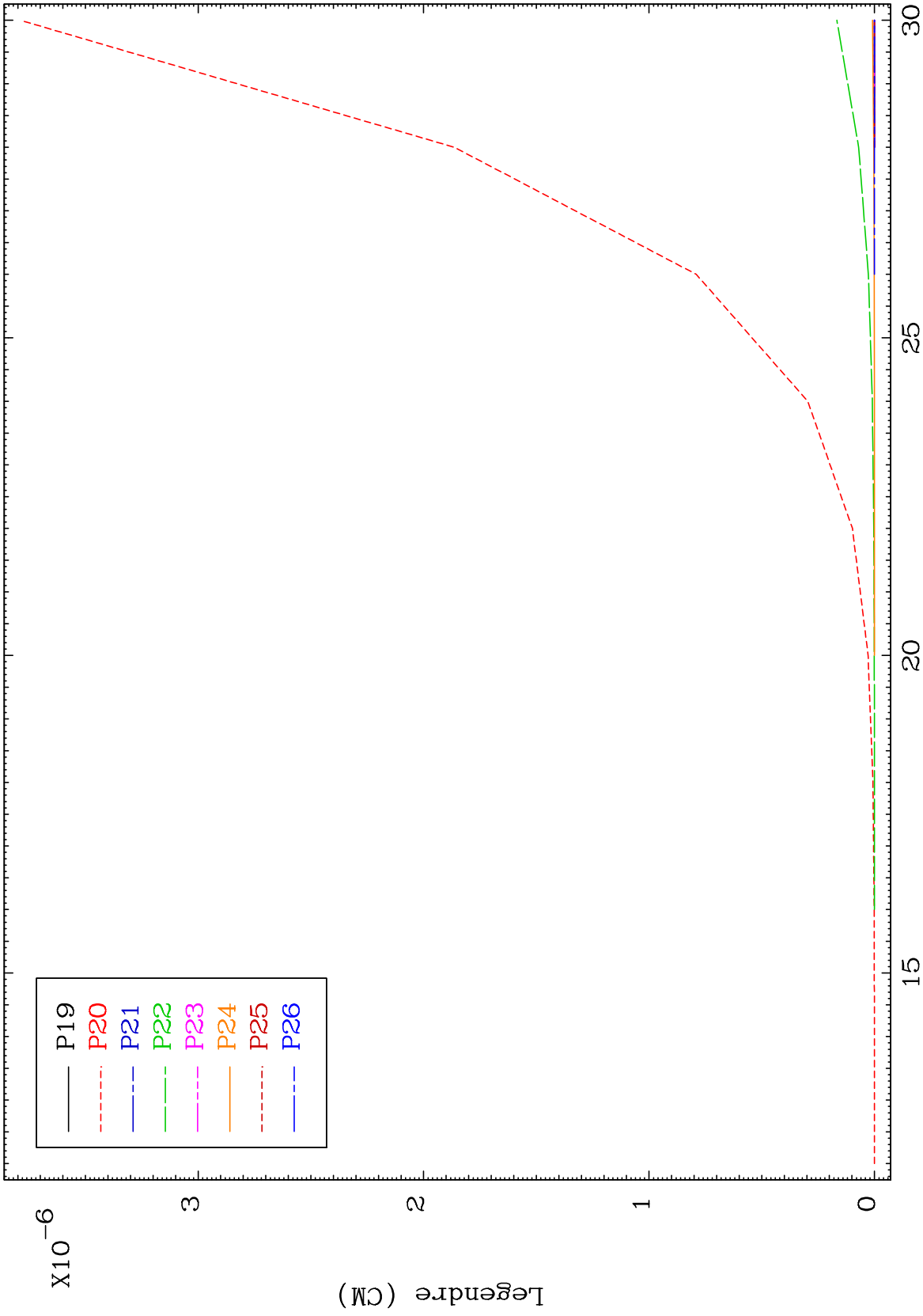
Incident Energy (MeV)

68-Er-147

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Elastic
Legendre Coefficients

68-Er-147



16

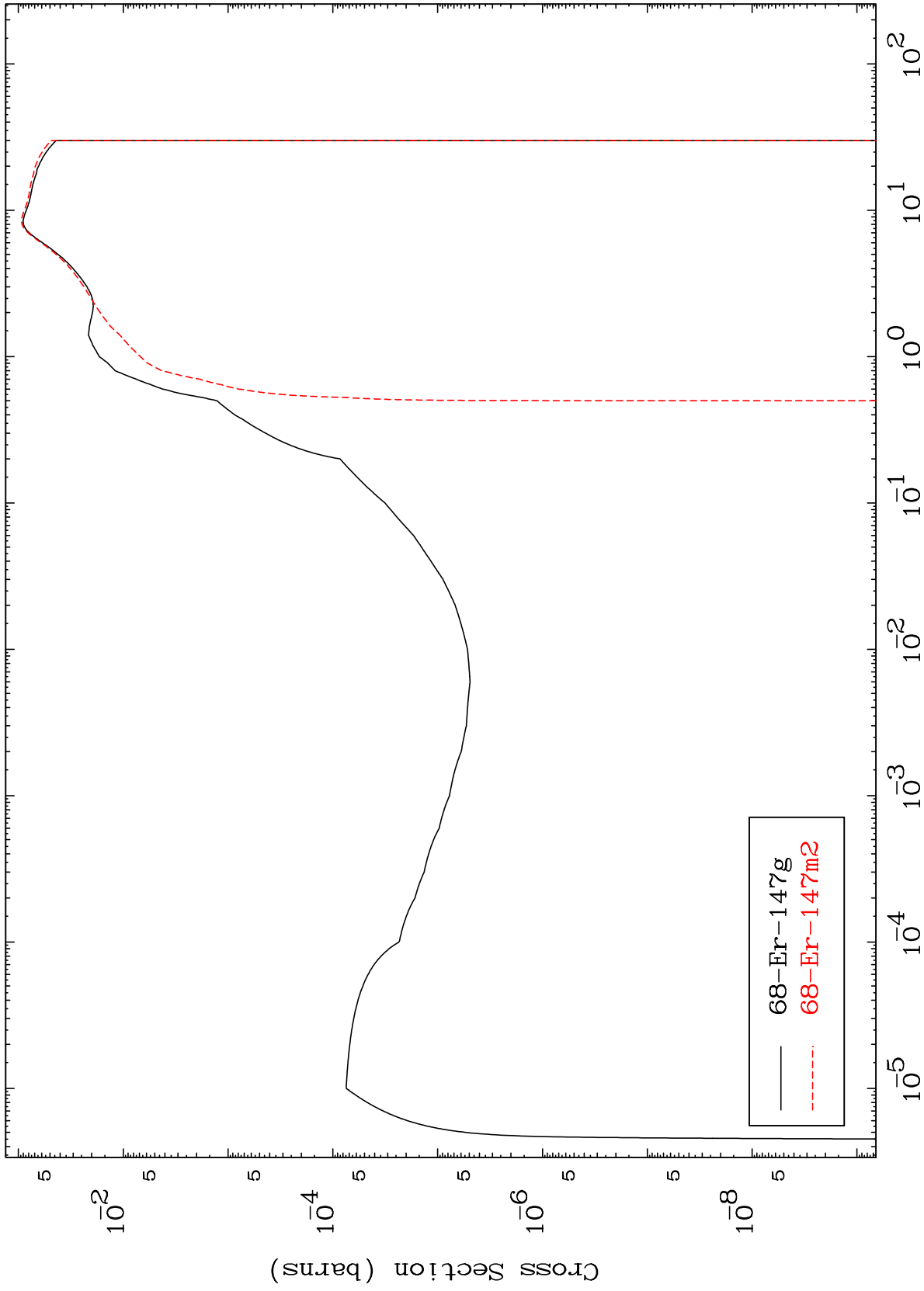
Incident Energy (MeV)

68-Er-147

MAT 6781

Inelastic Radionuclide Production Cross Section

68-Er-147



17

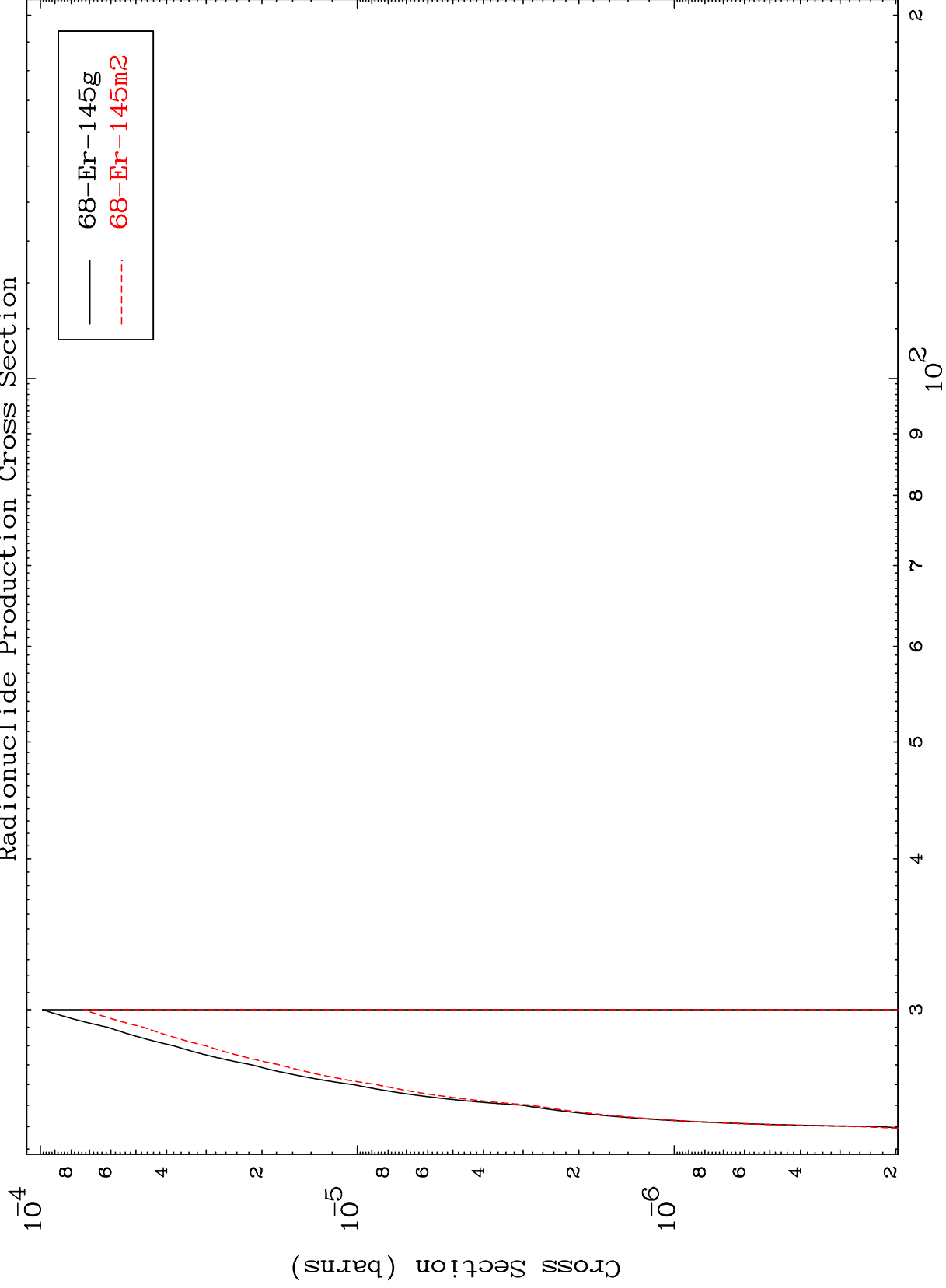
Incident Energy (MeV)

68-Er-147

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68-Er-147

(n,3n)
Radionuclide Production Cross Section



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

18

Incident Energy (MeV)

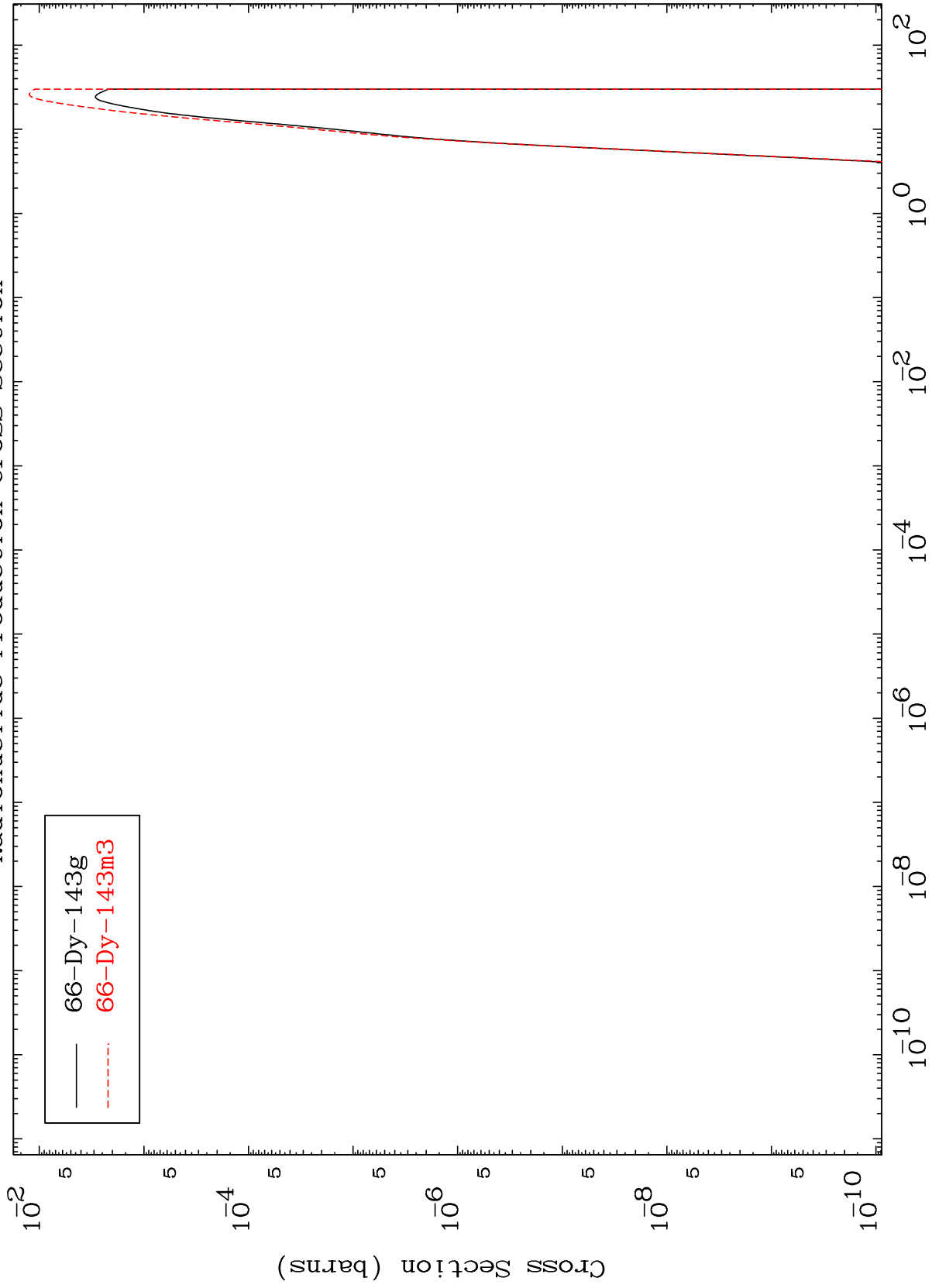
68-Er-147

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(n,n') α

68-Er-147

Radionuclide Production Cross Section



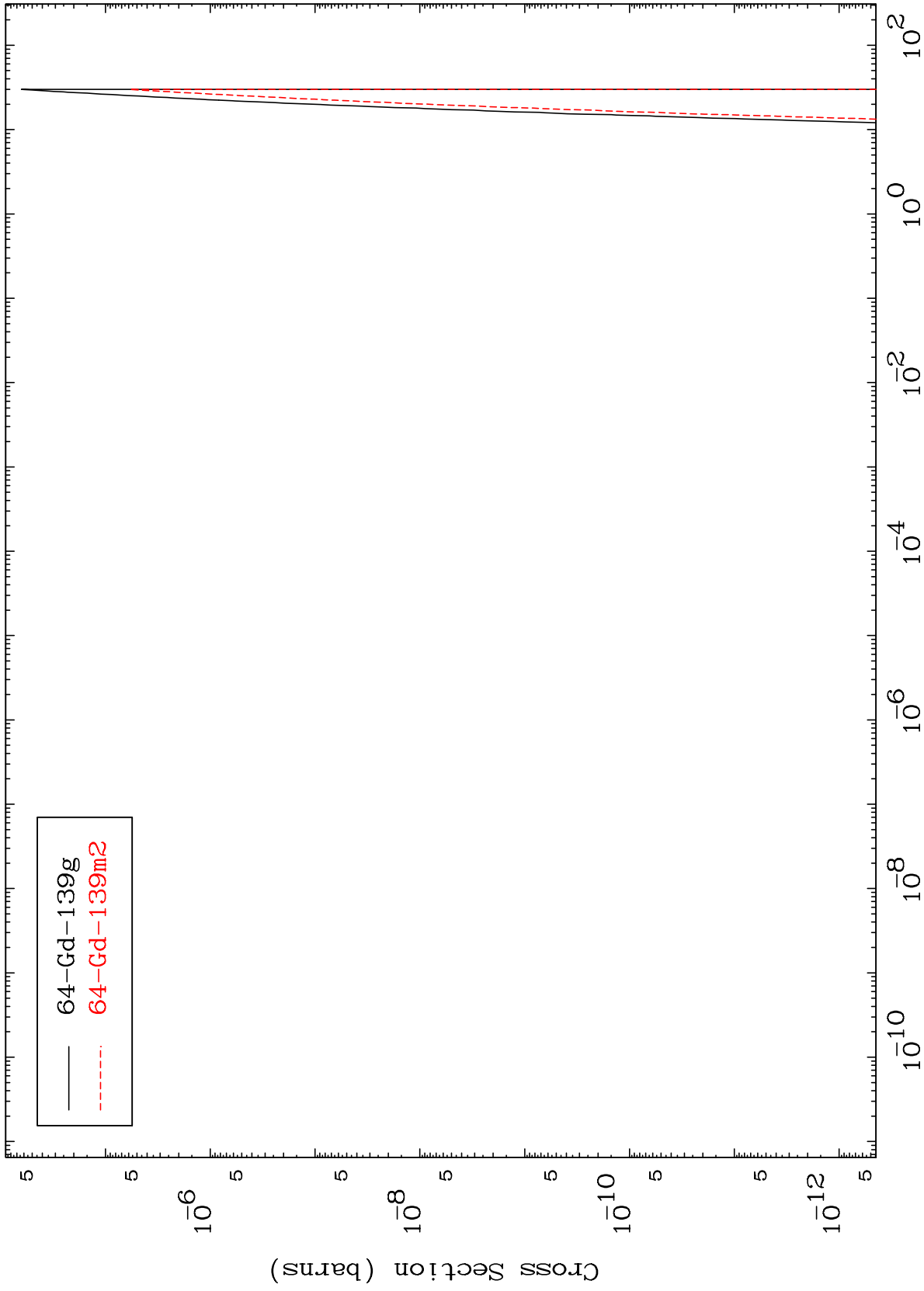
66-Dy-143g
66-Dy-143m3

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(n,n') 2 α

68-Er-147

Radionuclide Production Cross Section



20

Incident Energy (MeV)

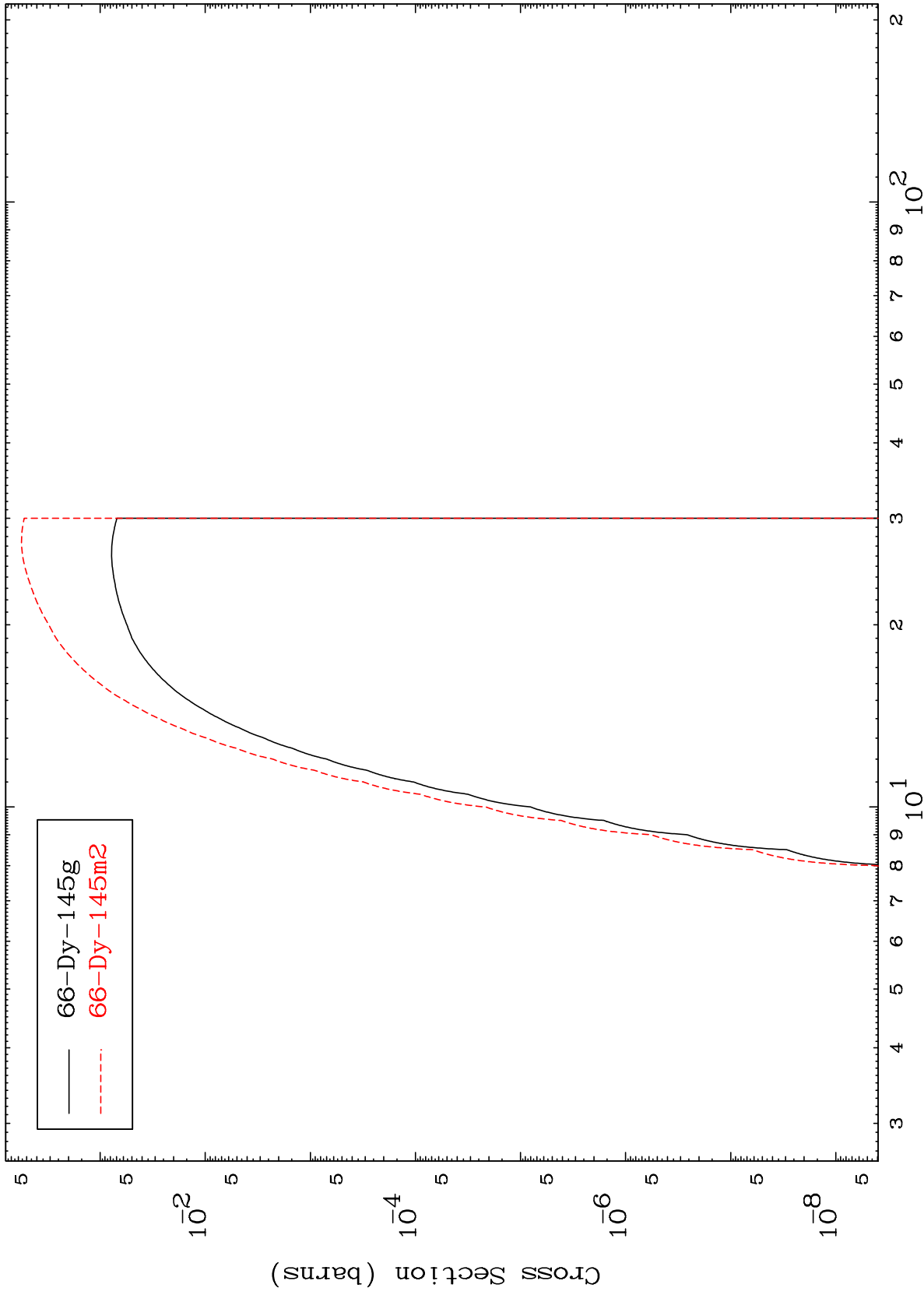
68-Er-147

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(n,2n) p

68-Er-147

Radionuclide Production Cross Section



21

Incident Energy (MeV)

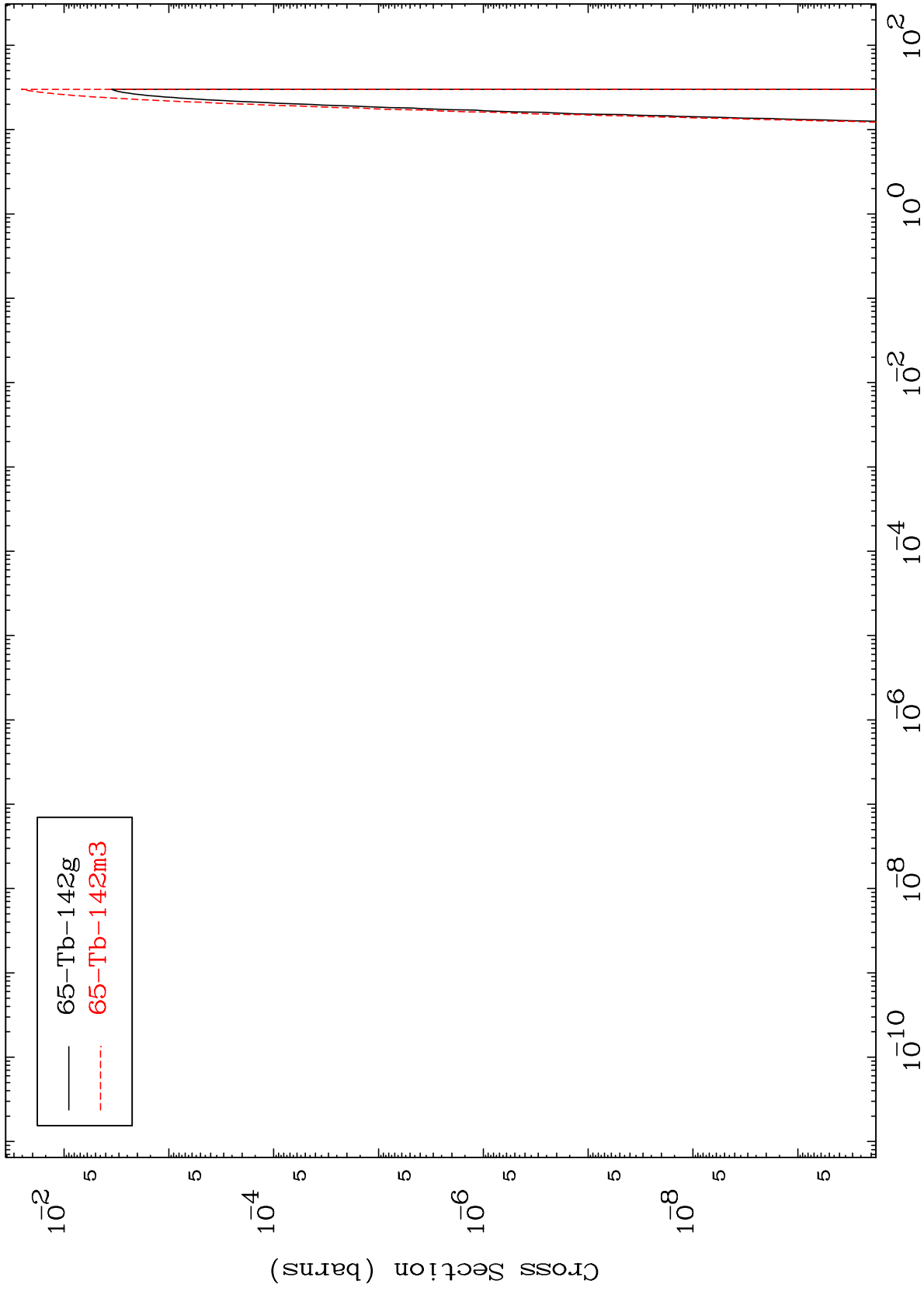
68-Er-147

MAT 6781

(n,n') p α

68-Er-147

Radionuclide Production Cross Section



22

Incident Energy (MeV)

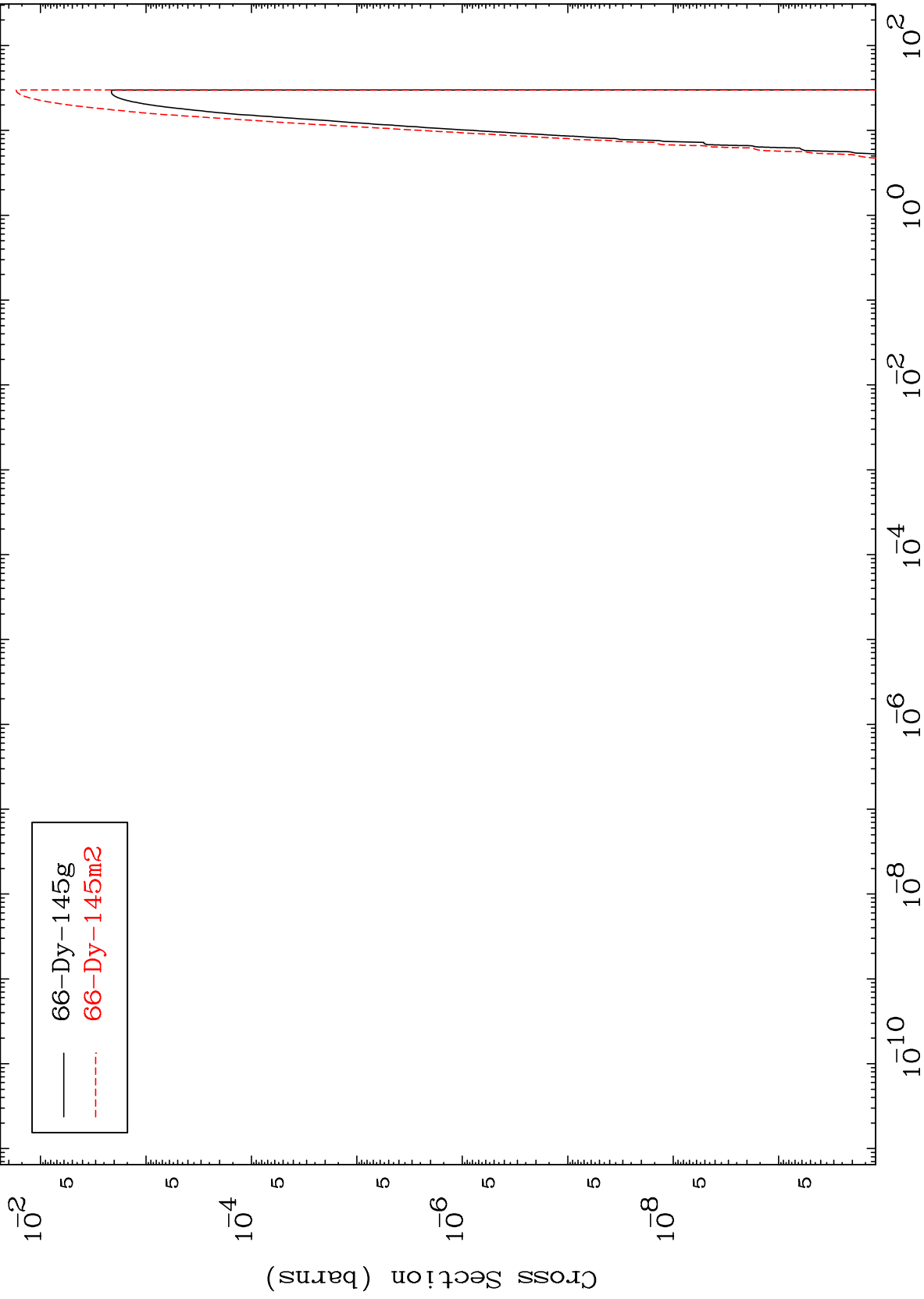
68-Er-147

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(n, He-3)

68-Er-147

Radionuclide Production Cross Section



23

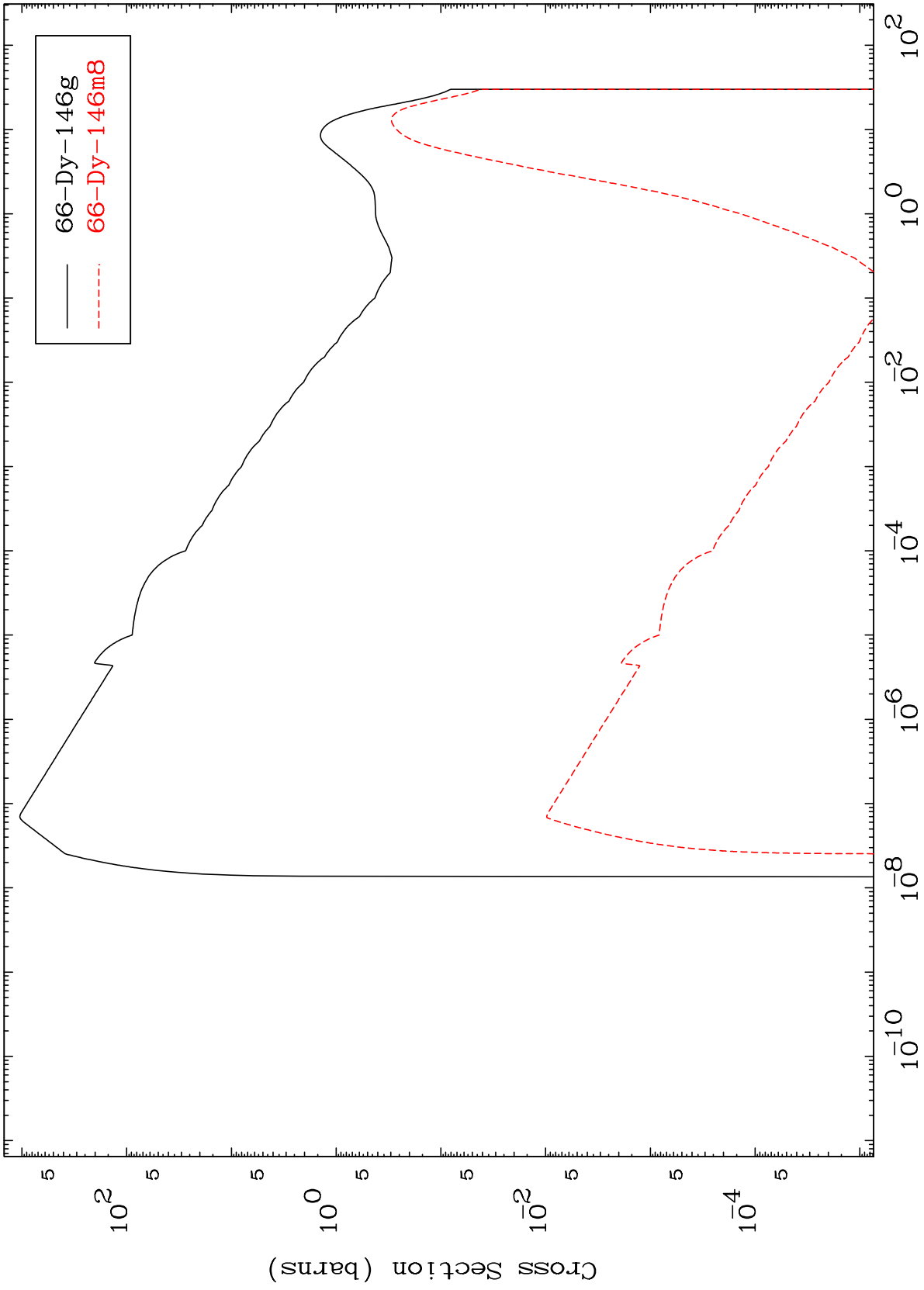
Incident Energy (MeV)

68-Er-147

MAT 6781

68-Er-147

(n,2p)
Radionuclide Production Cross Section



24

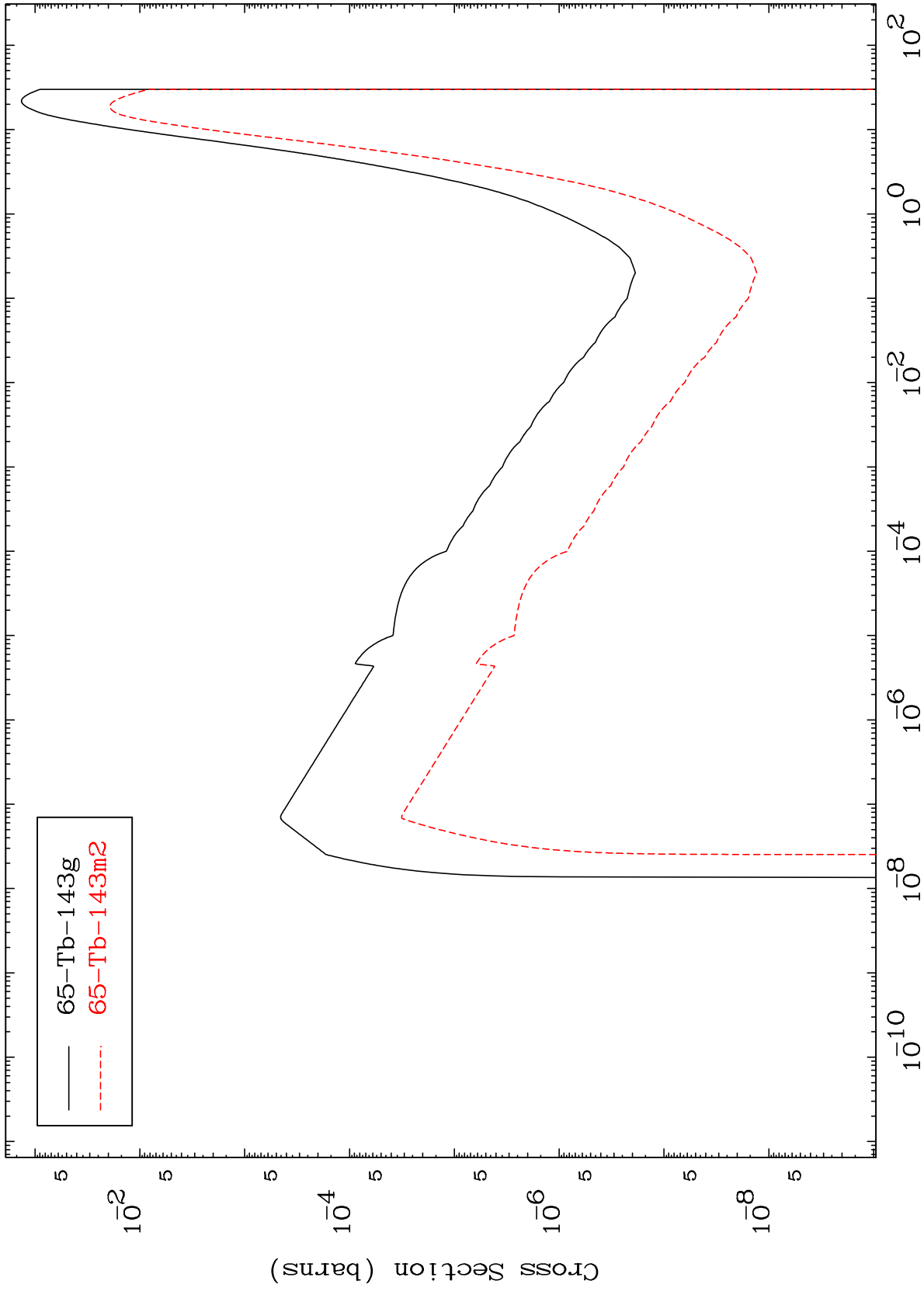
68-Er-147

MAT 6781

(n,p) α

68-Er-147

Radionuclide Production Cross Section



25

Incident Energy (MeV)

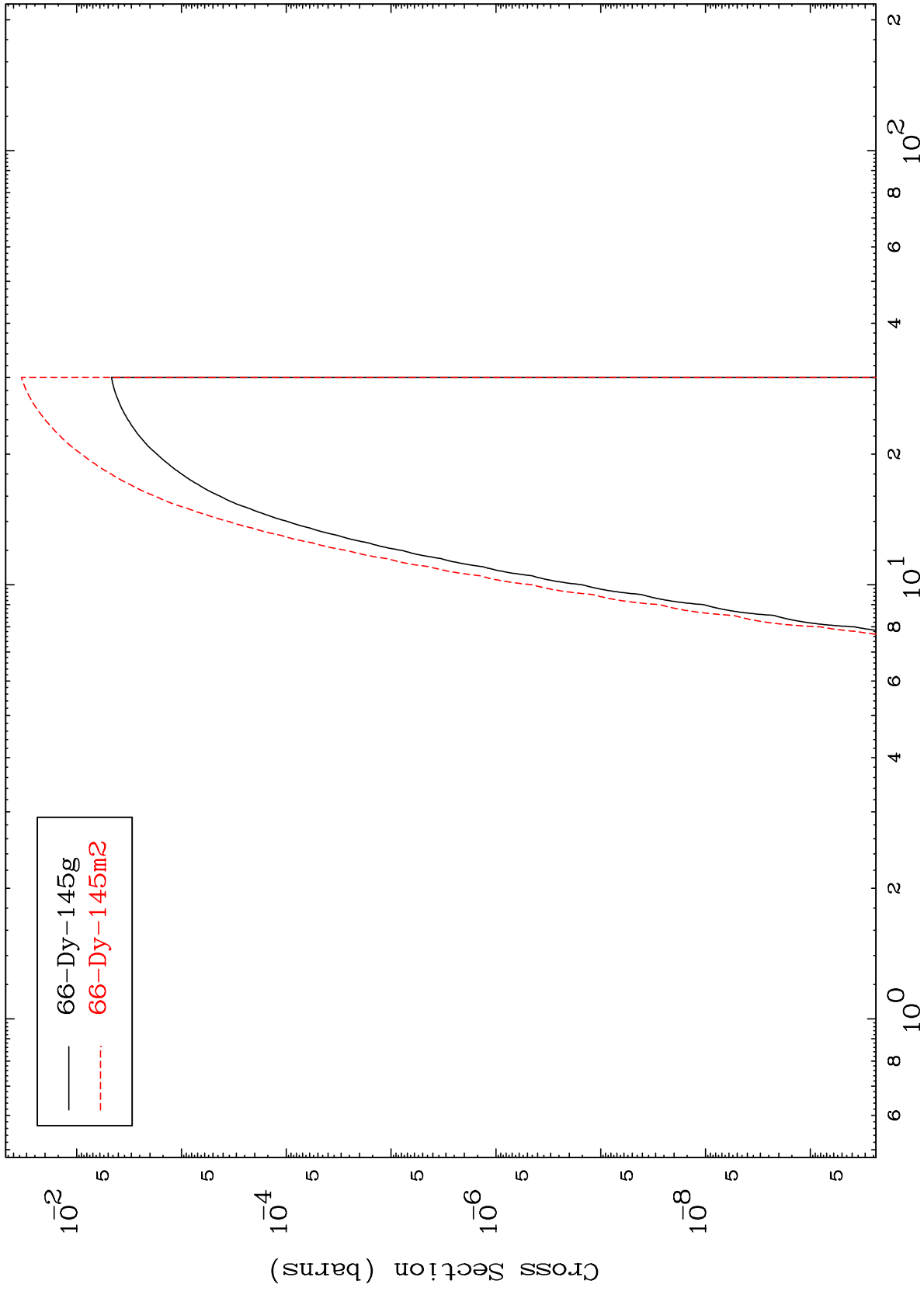
68-Er-147

MAT 6781

(n,p) d

68-Er-147

Radionuclide Production Cross Section



26

Incident Energy (MeV)

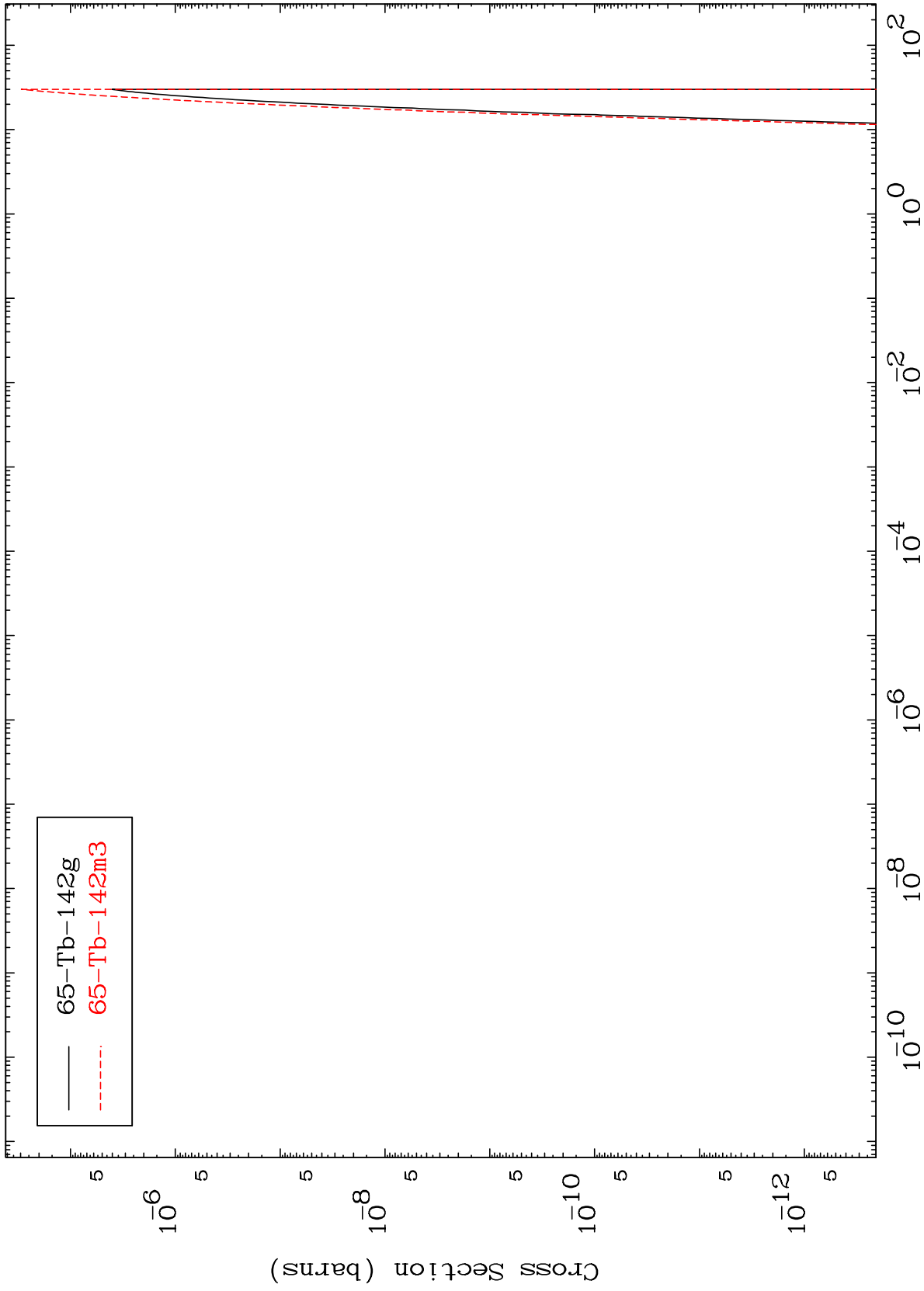
68-Er-147

MAT 6781

(n,d) α

68-Er-147

Radionuclide Production Cross Section



27

Incident Energy (MeV)

68-Er-147