

Program EVALPLOT
(Version 2017-1)

by

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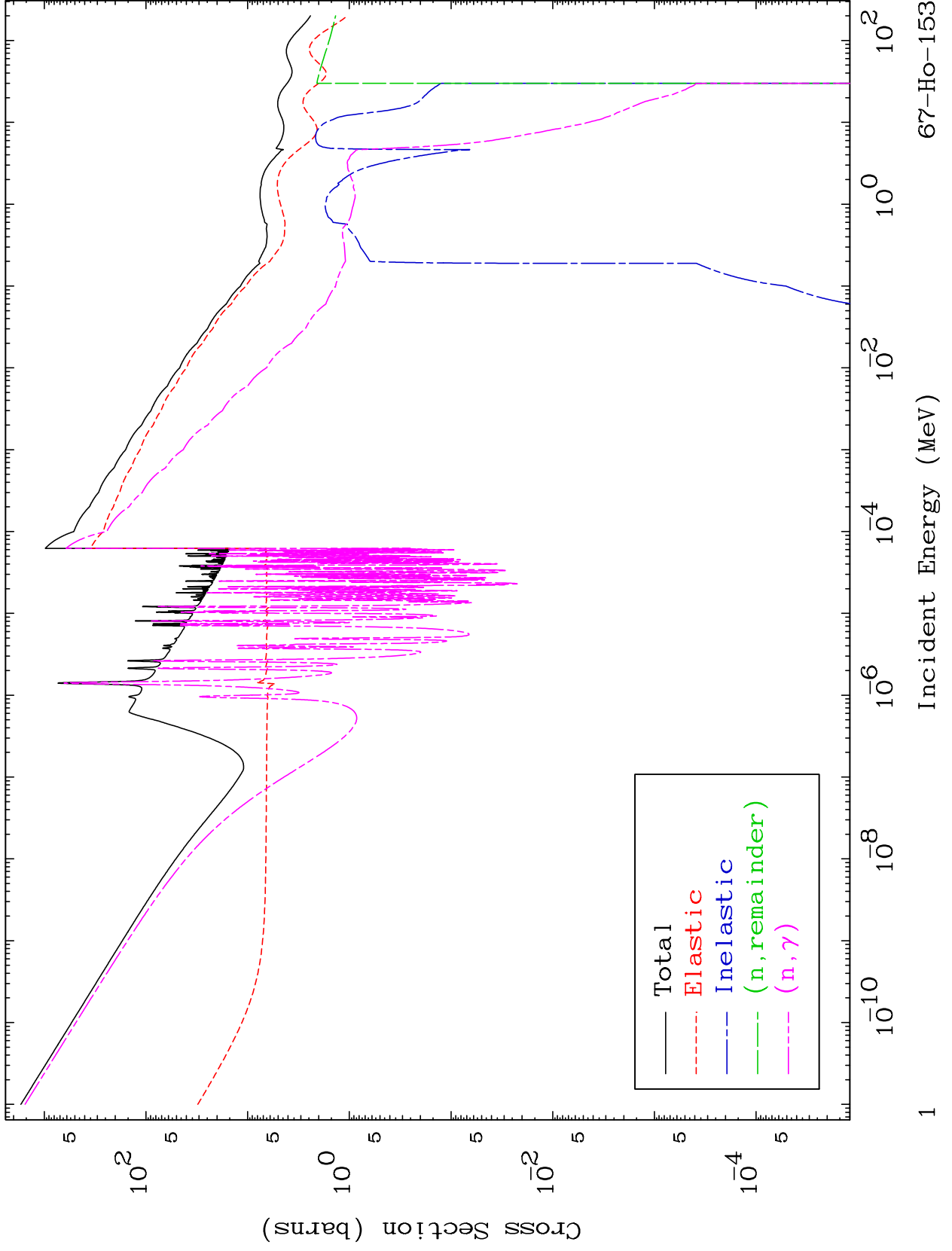
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6690

Major
293 Kelvin Cross Sections

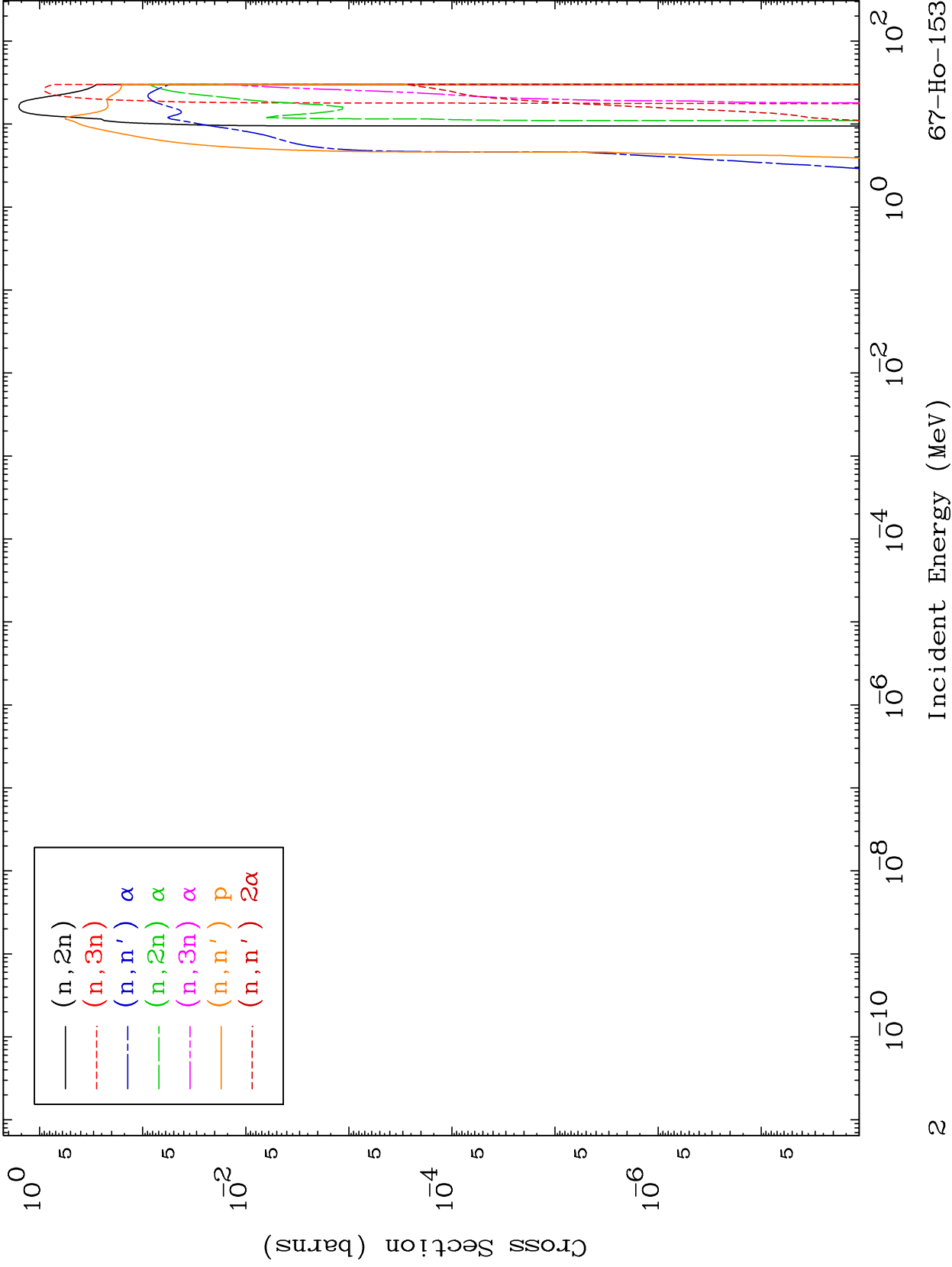
67-Ho-153

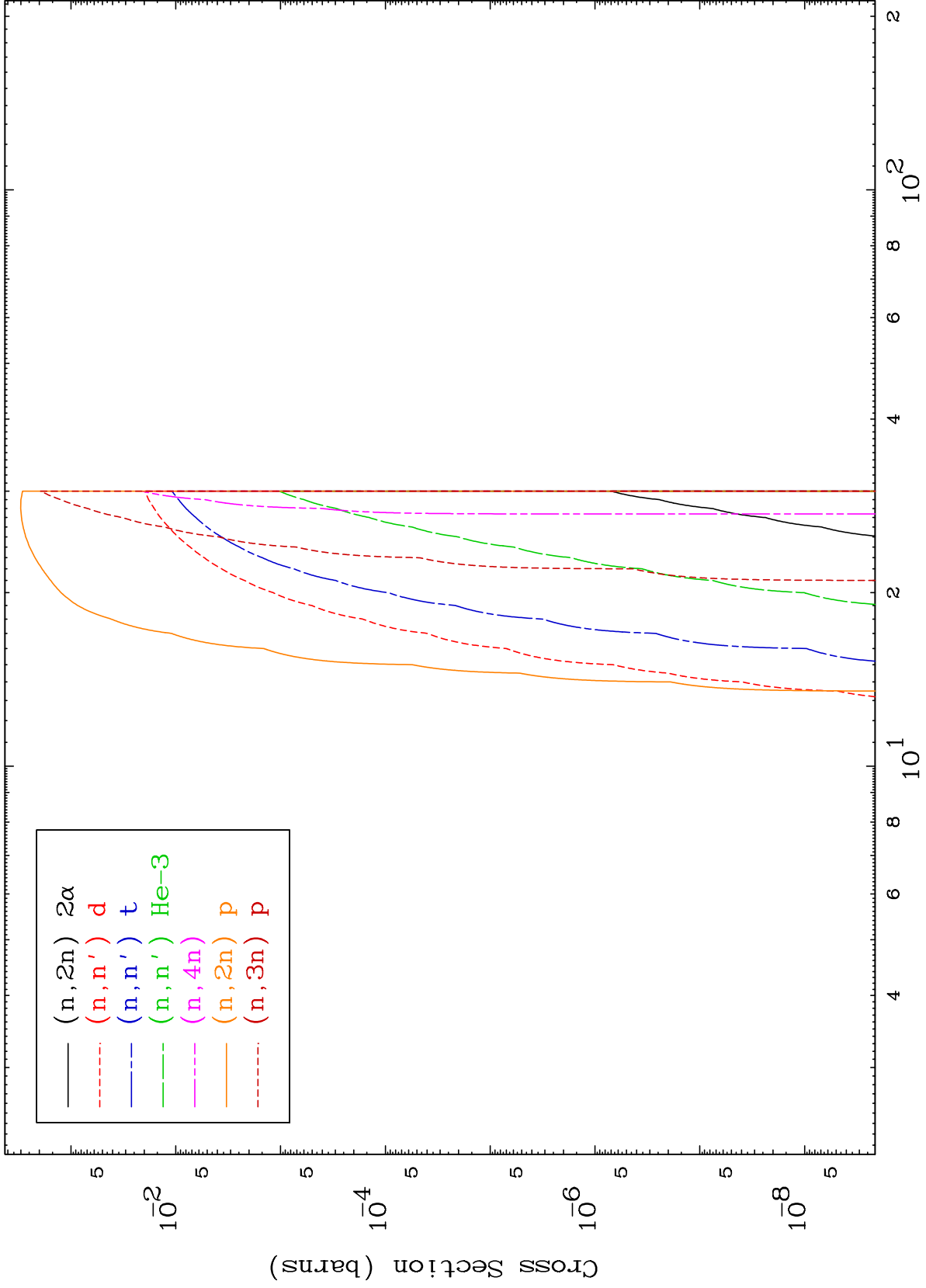


MAT 6690

Neutron Production
293 Kelvin Cross Sections

67-Ho-153

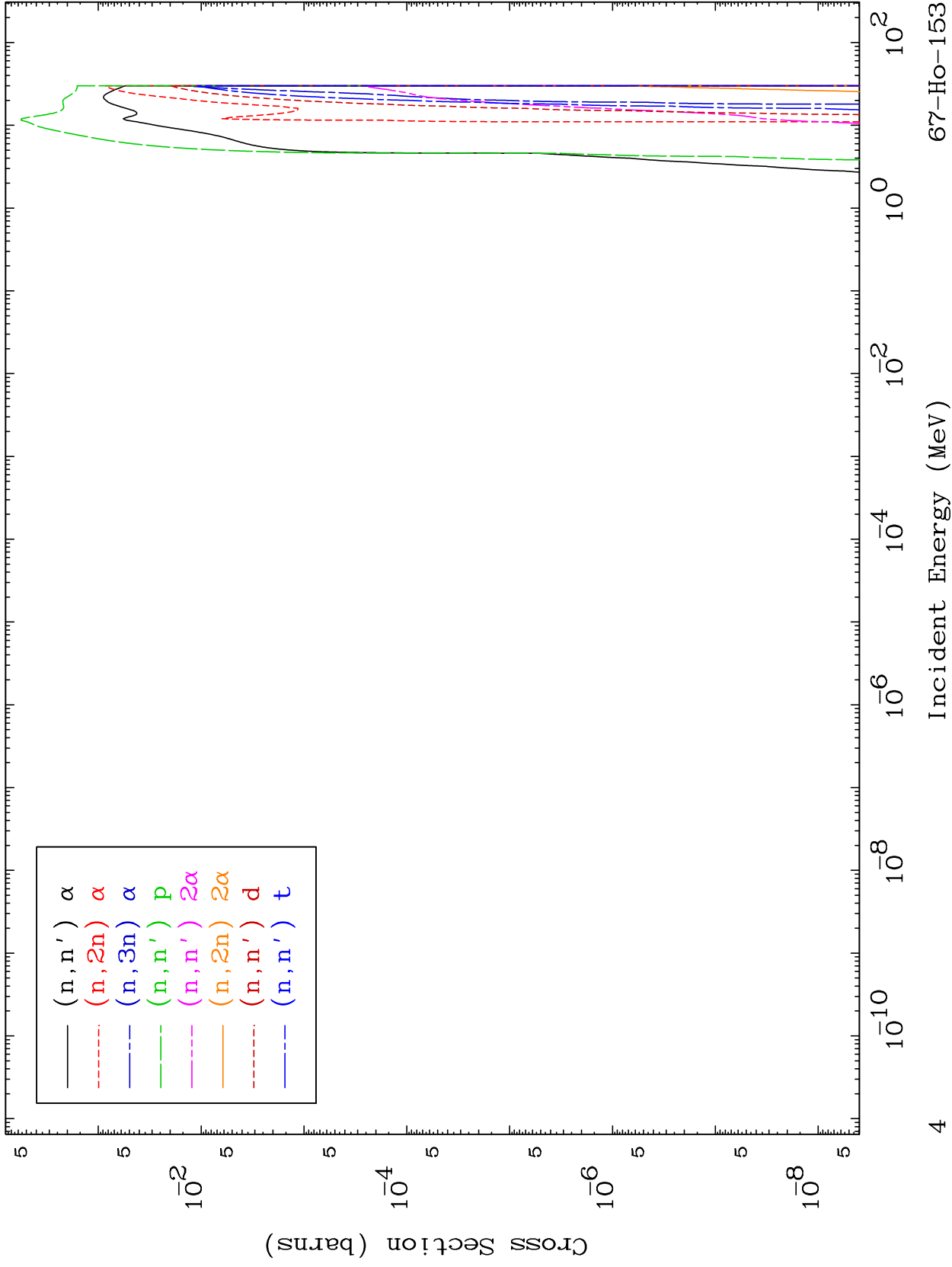


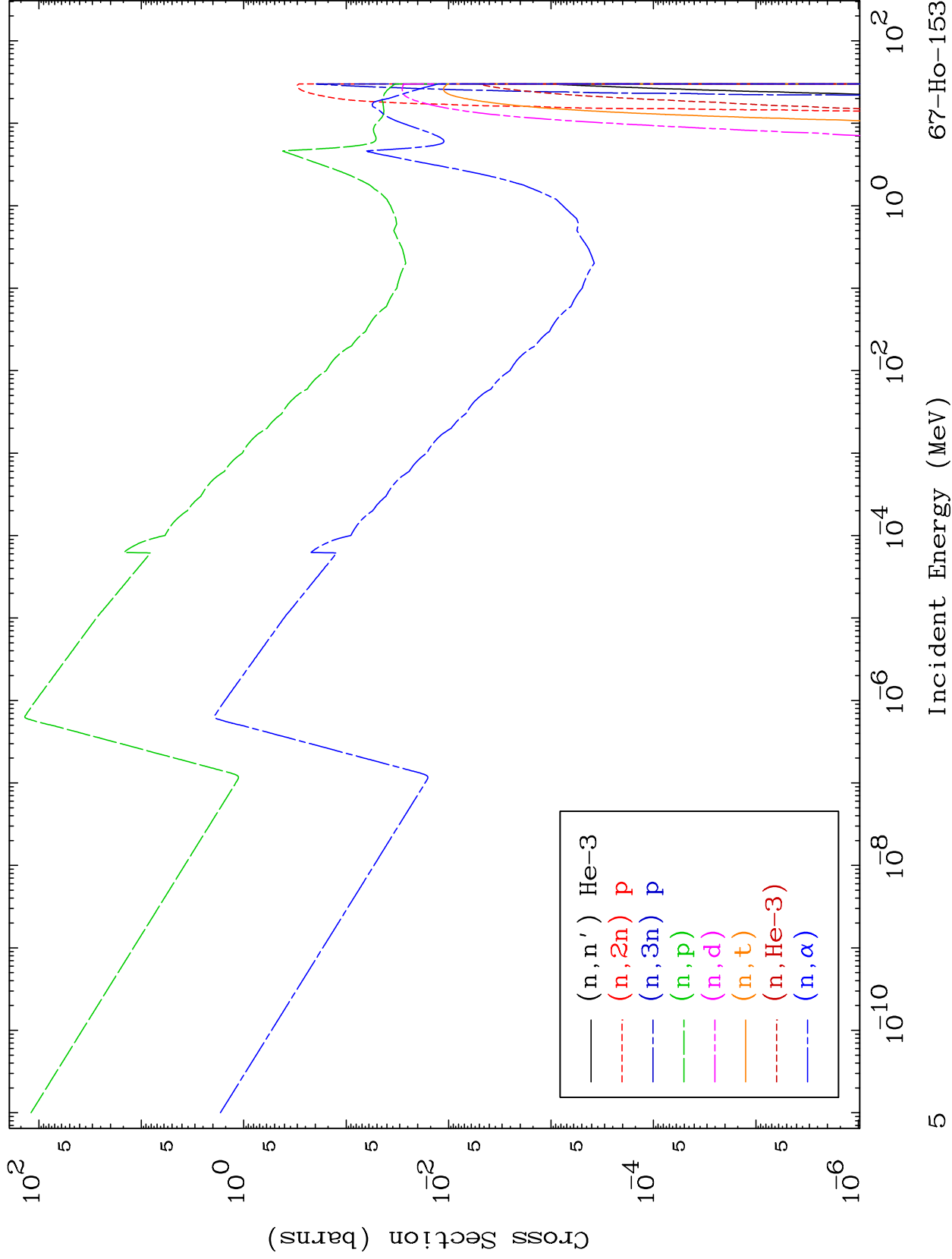


MAT 6690

Charged Particle
293 Kelvin Cross Sections

67-Ho-153

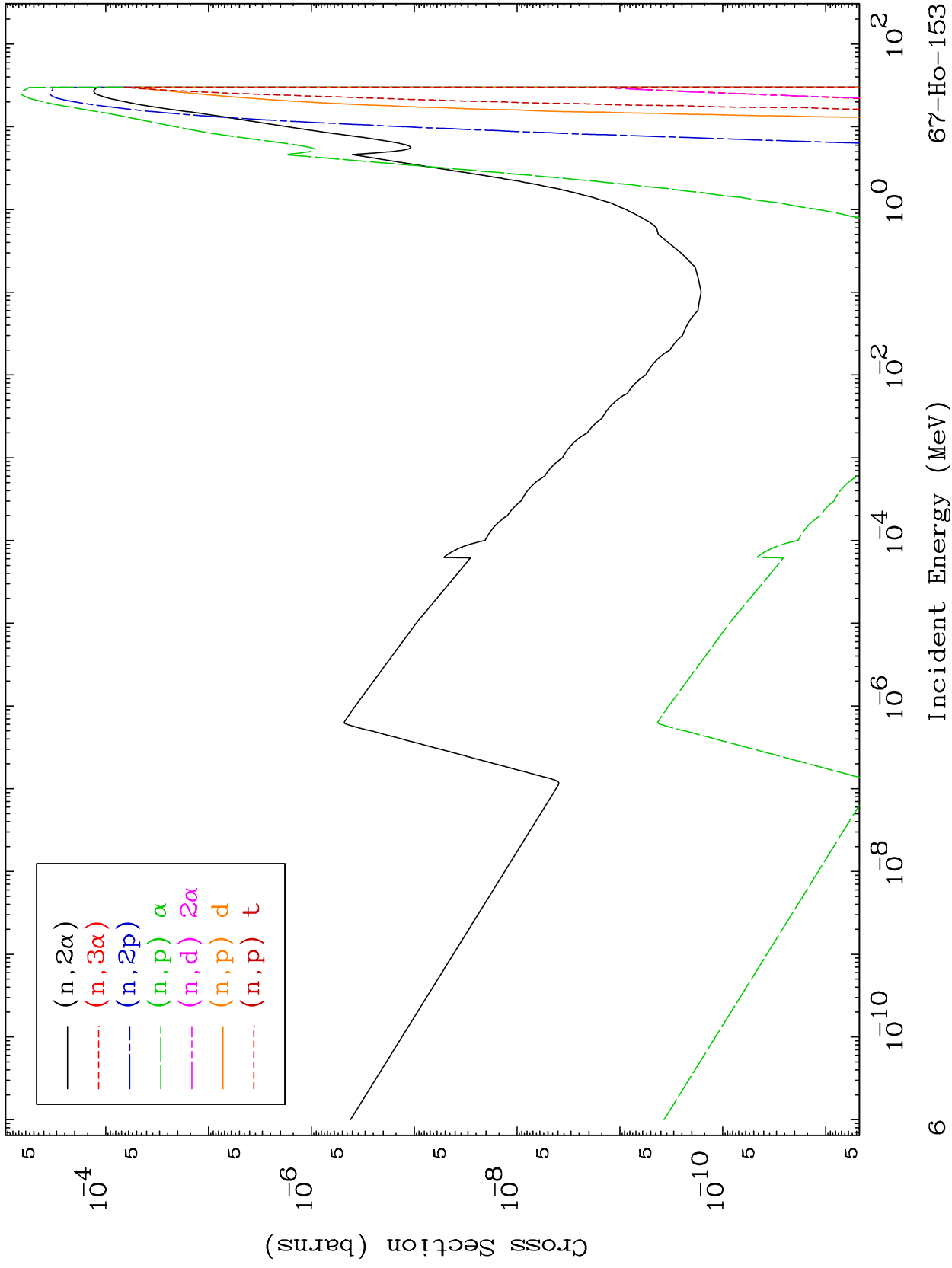




MAT 6690

Charged Particle
293 Kelvin Cross Sections

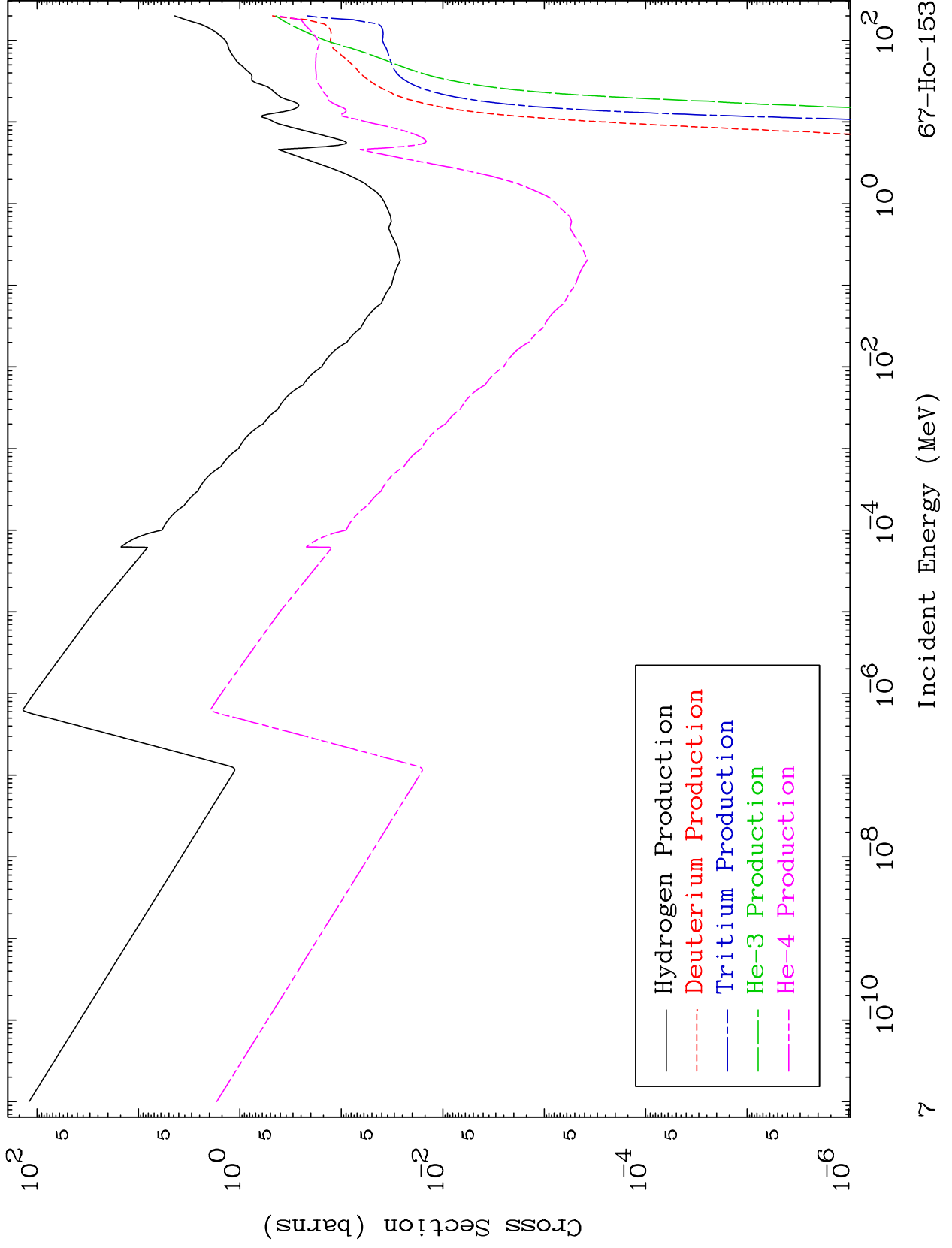
67-Ho-153



MAT 6690

Particle Production
293 Kelvin Cross Sections

67-Ho-153

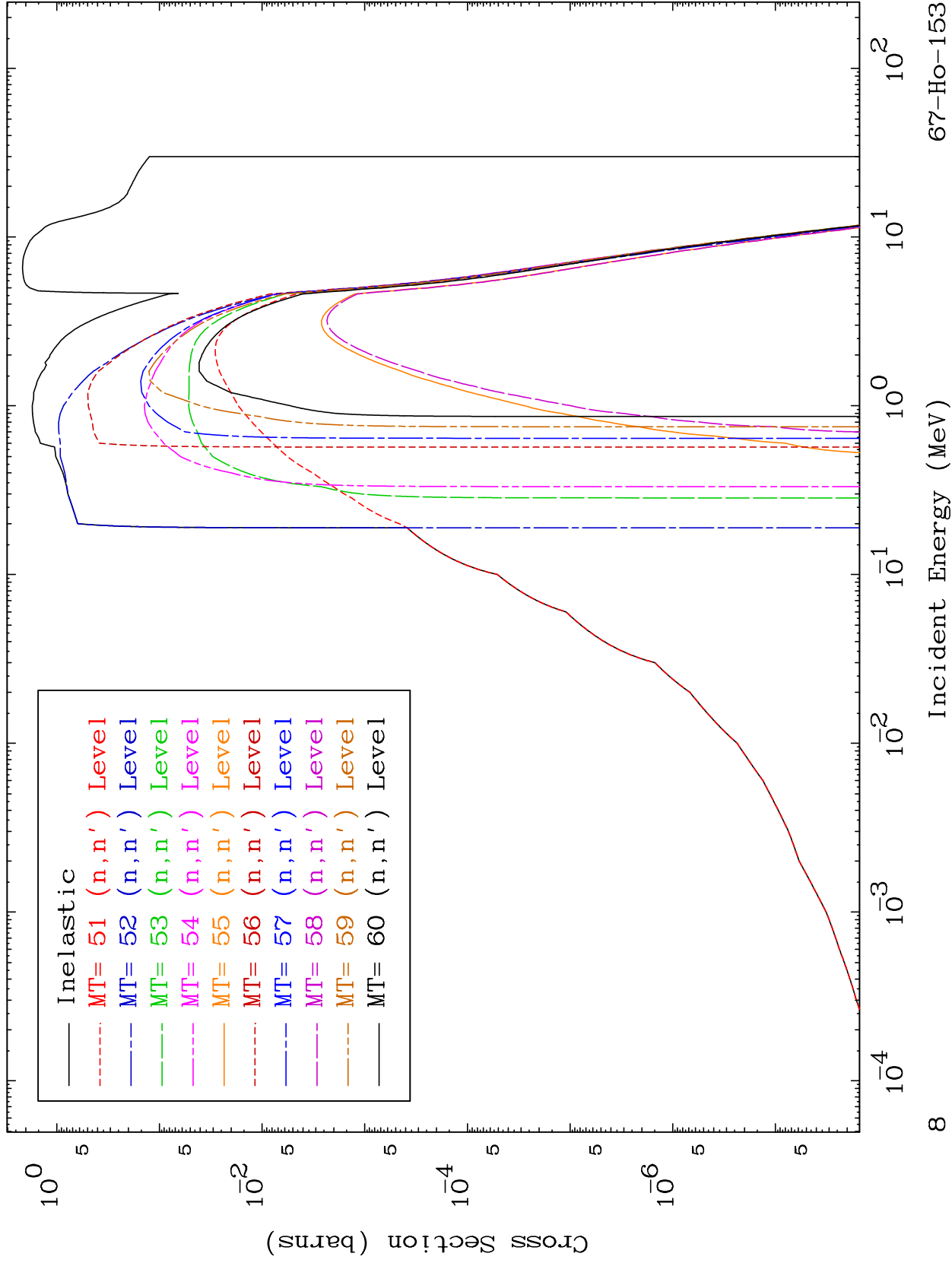


MAT 6690

(n,n') Level

67-Ho-153

293 Kelvin Cross Sections



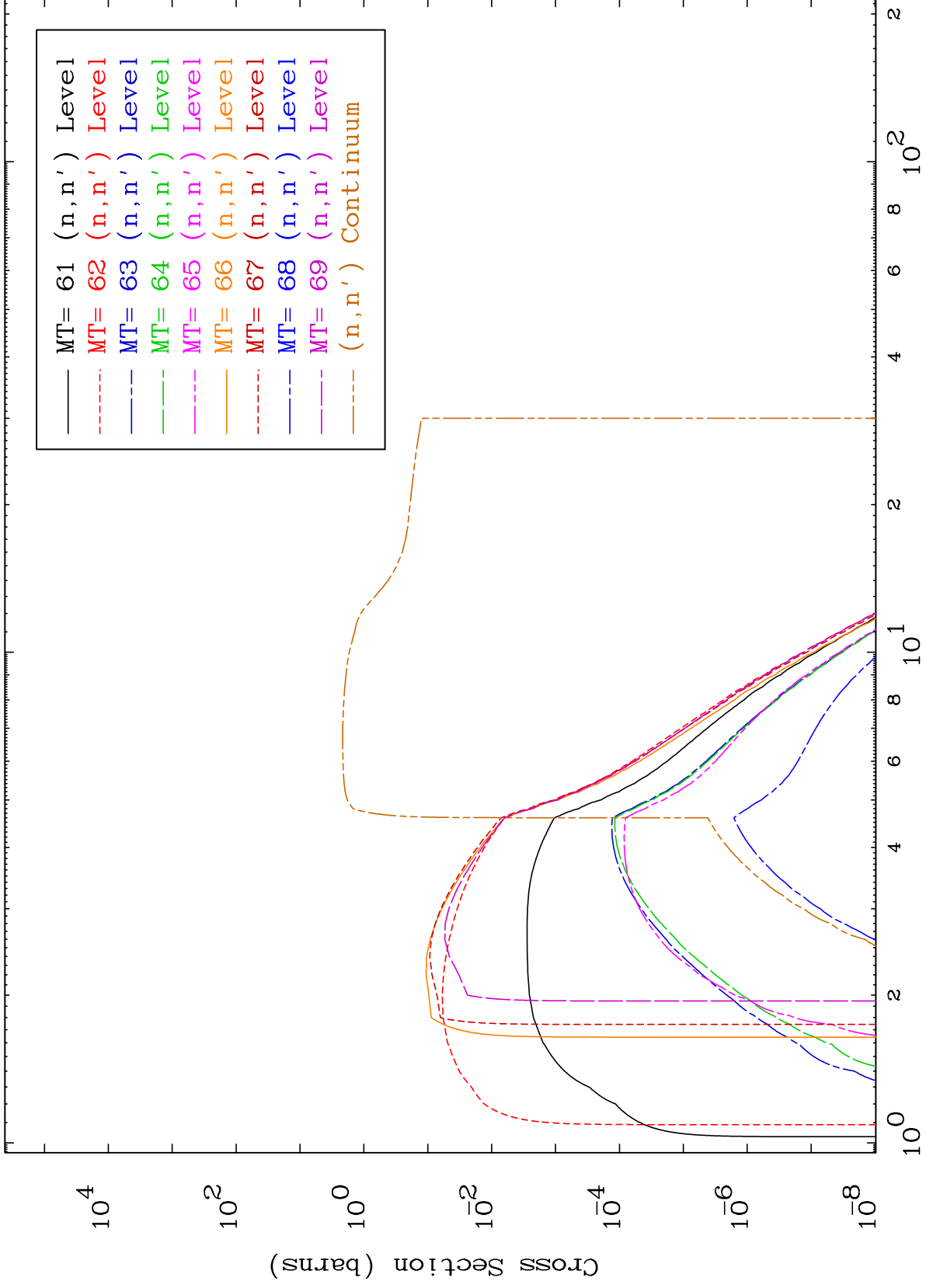
—	Inelastic
- - -	MT= 51 (n,n') Level
- . - .	MT= 52 (n,n') Level
- - -	MT= 53 (n,n') Level
- . - .	MT= 54 (n,n') Level
- - -	MT= 55 (n,n') Level
- . - .	MT= 56 (n,n') Level
- - -	MT= 57 (n,n') Level
- . - .	MT= 58 (n,n') Level
- - -	MT= 59 (n,n') Level
- . - .	MT= 60 (n,n') Level

MAT 6690

(n,n') Level

67-Ho-153

293 Kelvin Cross Sections



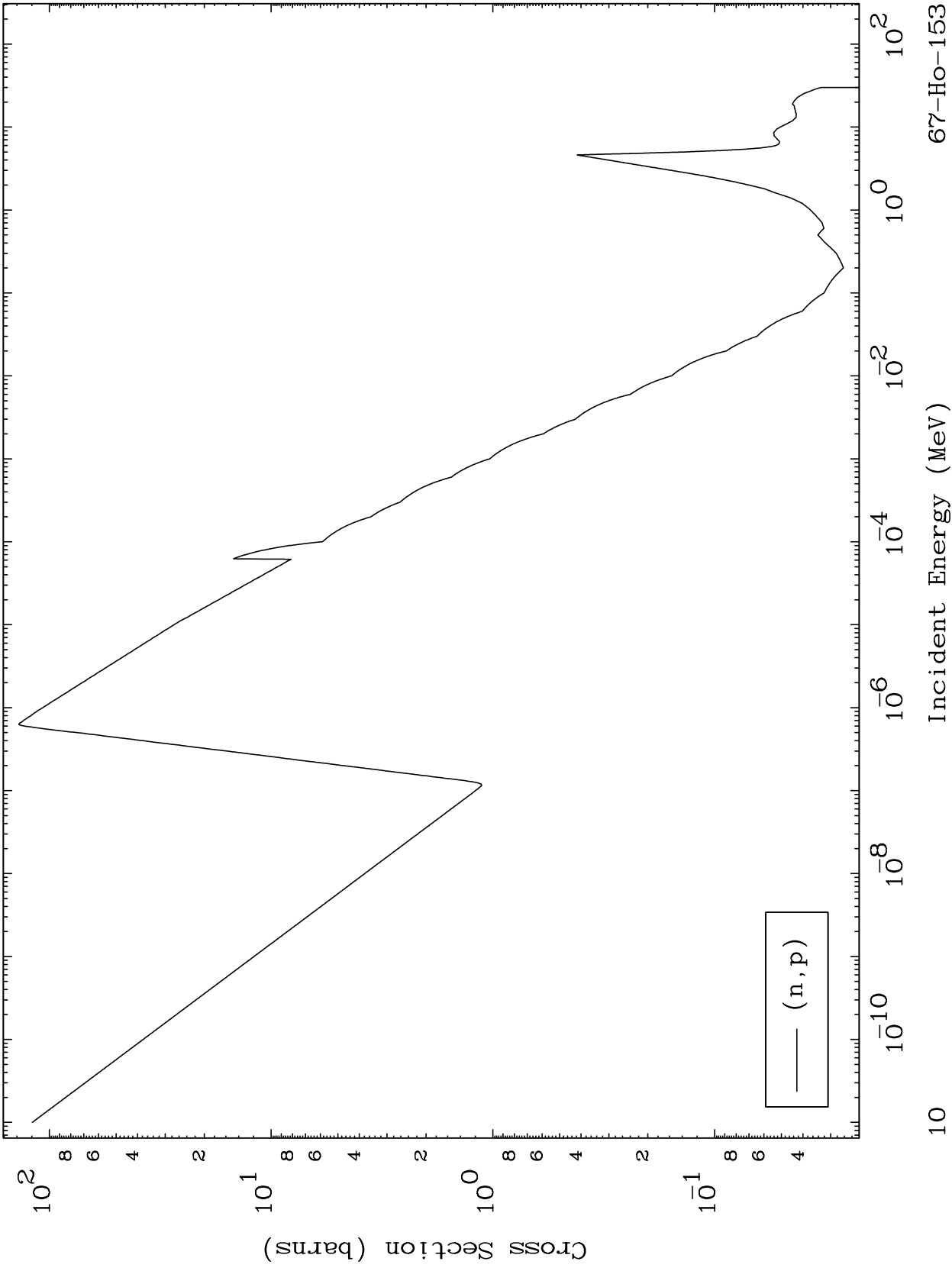
Incident Energy (MeV)

67-Ho-153

MAT 6690

(n,p) Levels
293 Kelvin Cross Sections

67-Ho-153



10

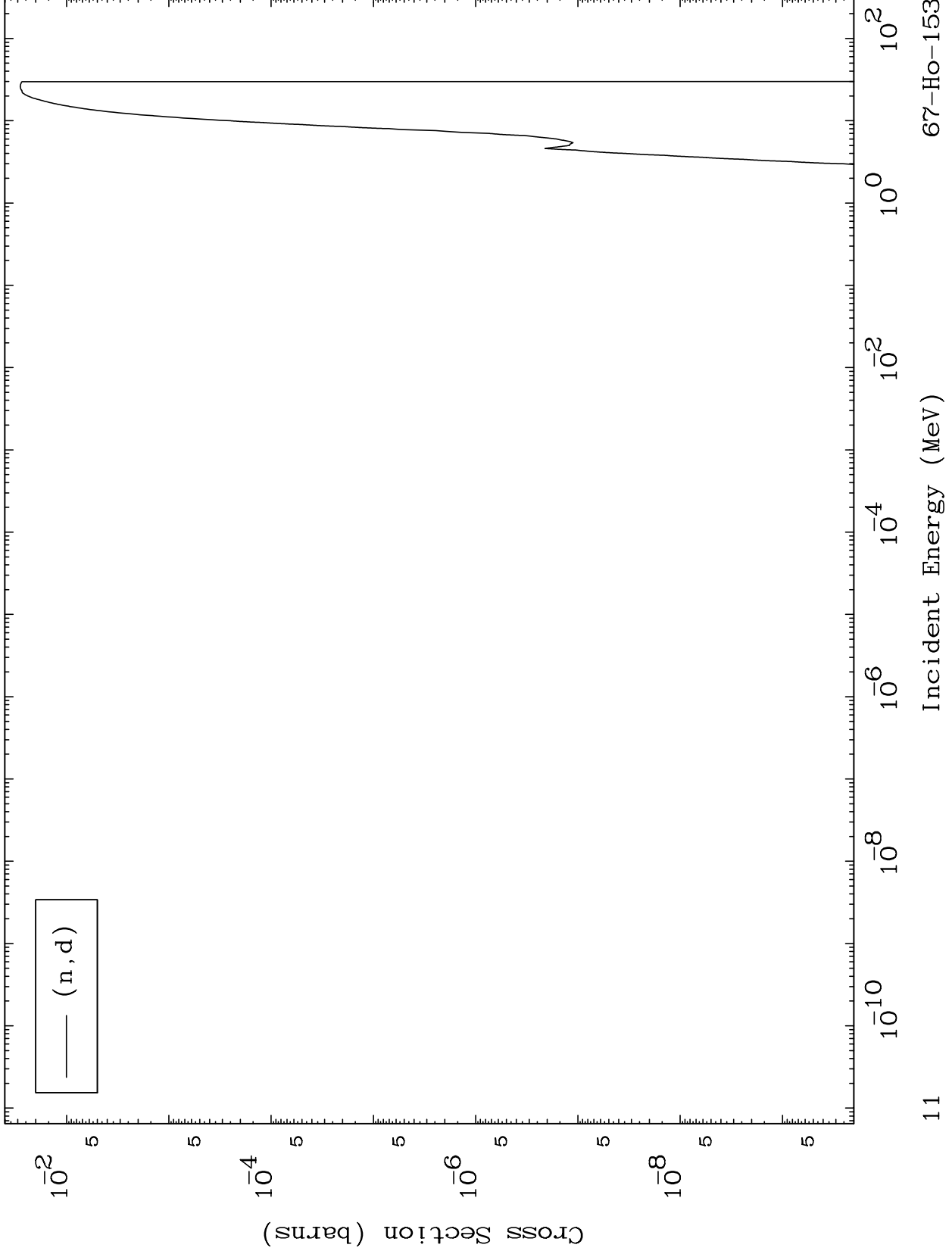
Incident Energy (MeV)

67-Ho-153

MAT 6690

(n,d) Levels
293 Kelvin Cross Sections

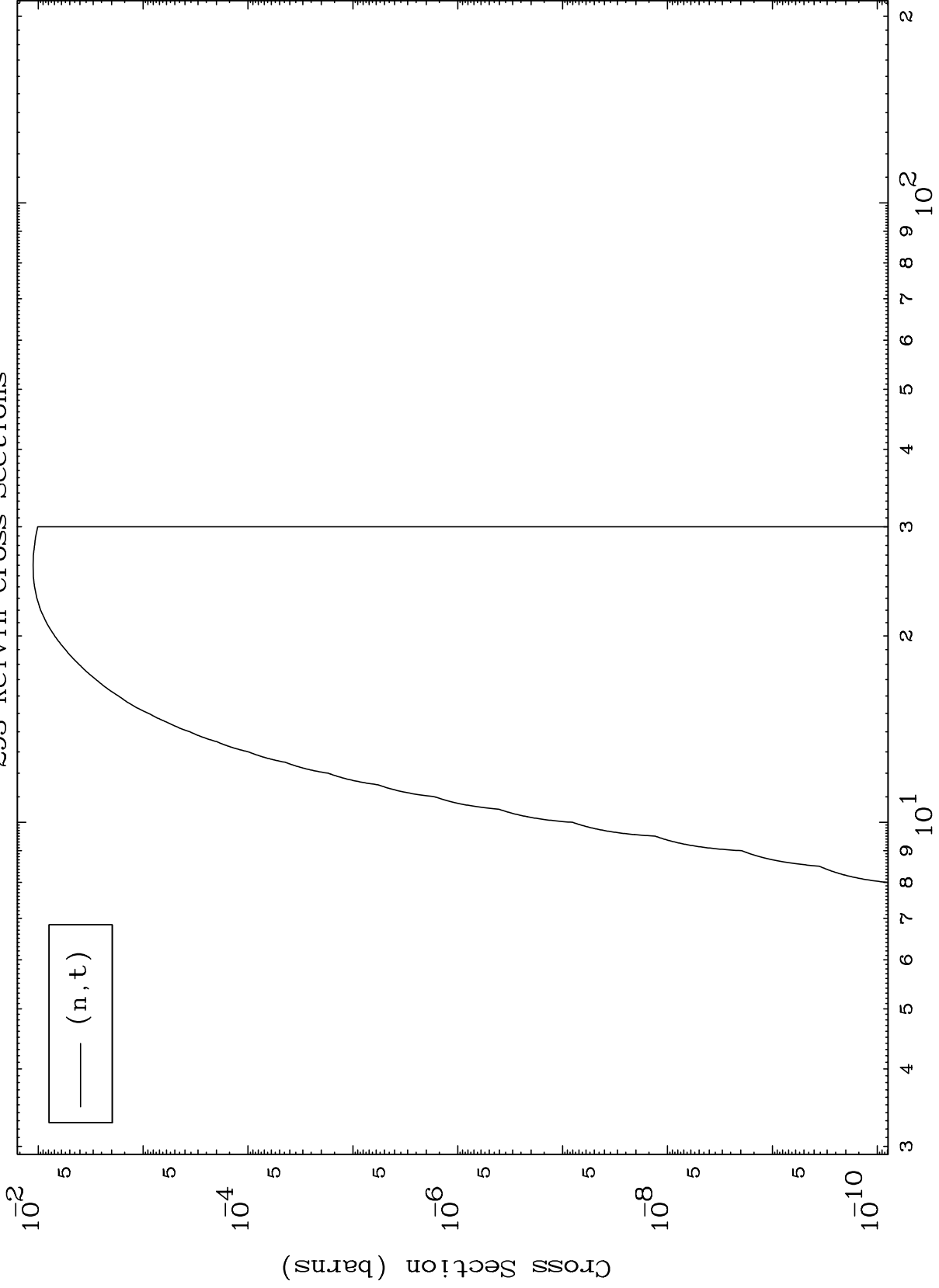
67-Ho-153



MAT 6690

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-153



(n,t)

Incident Energy (MeV)

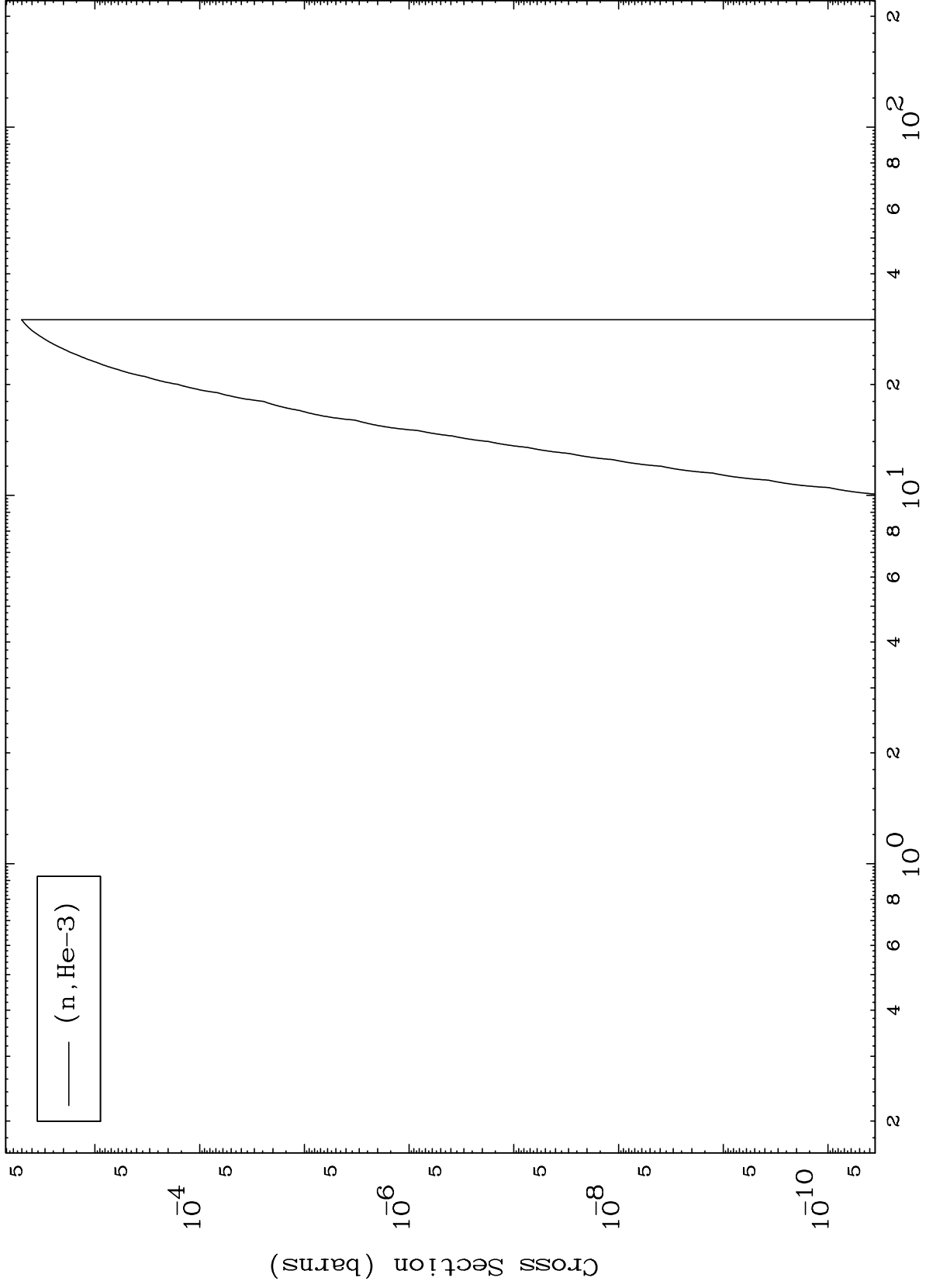
67-Ho-153

12

MAT 6690

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-153



13

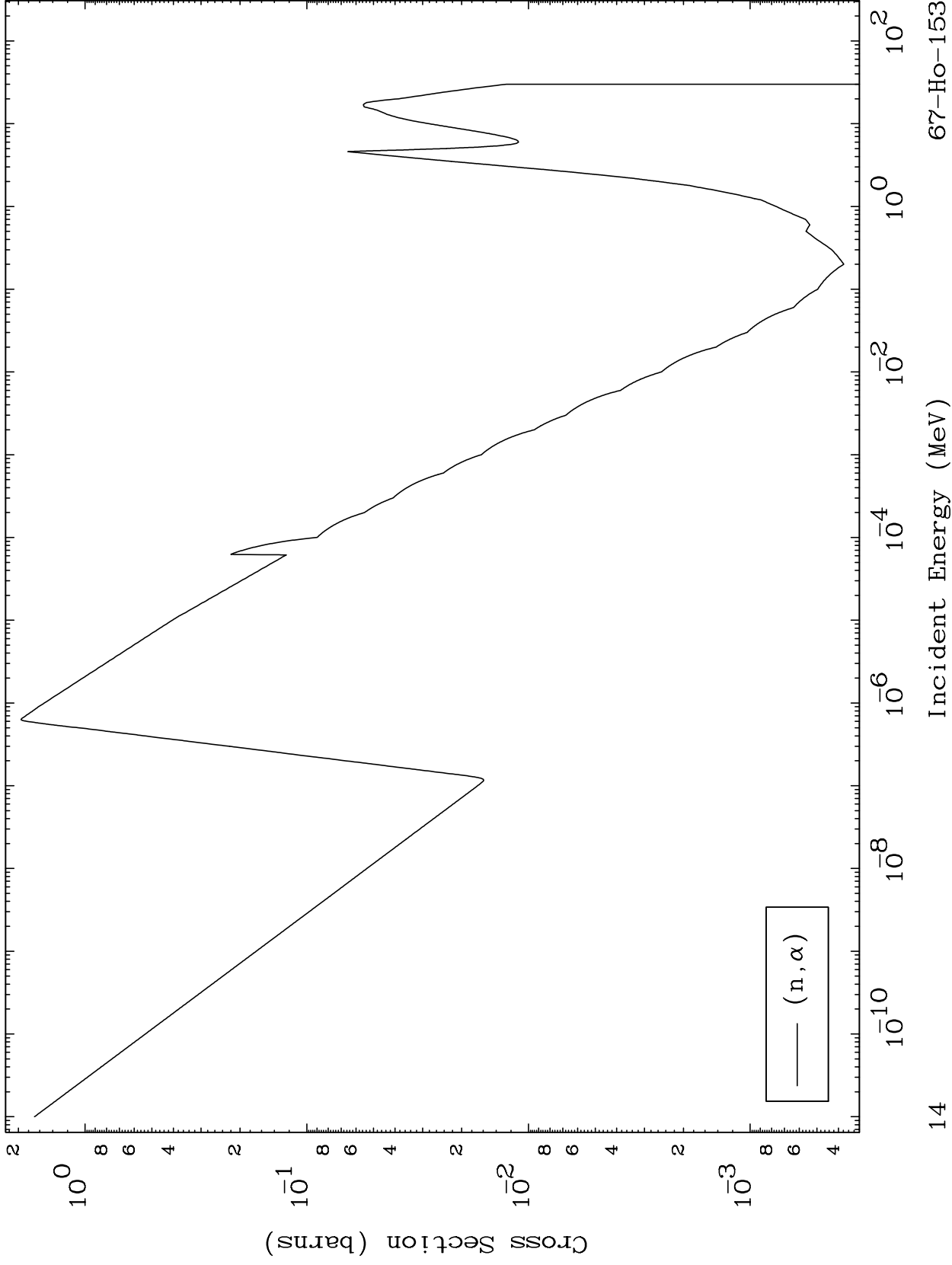
Incident Energy (MeV)

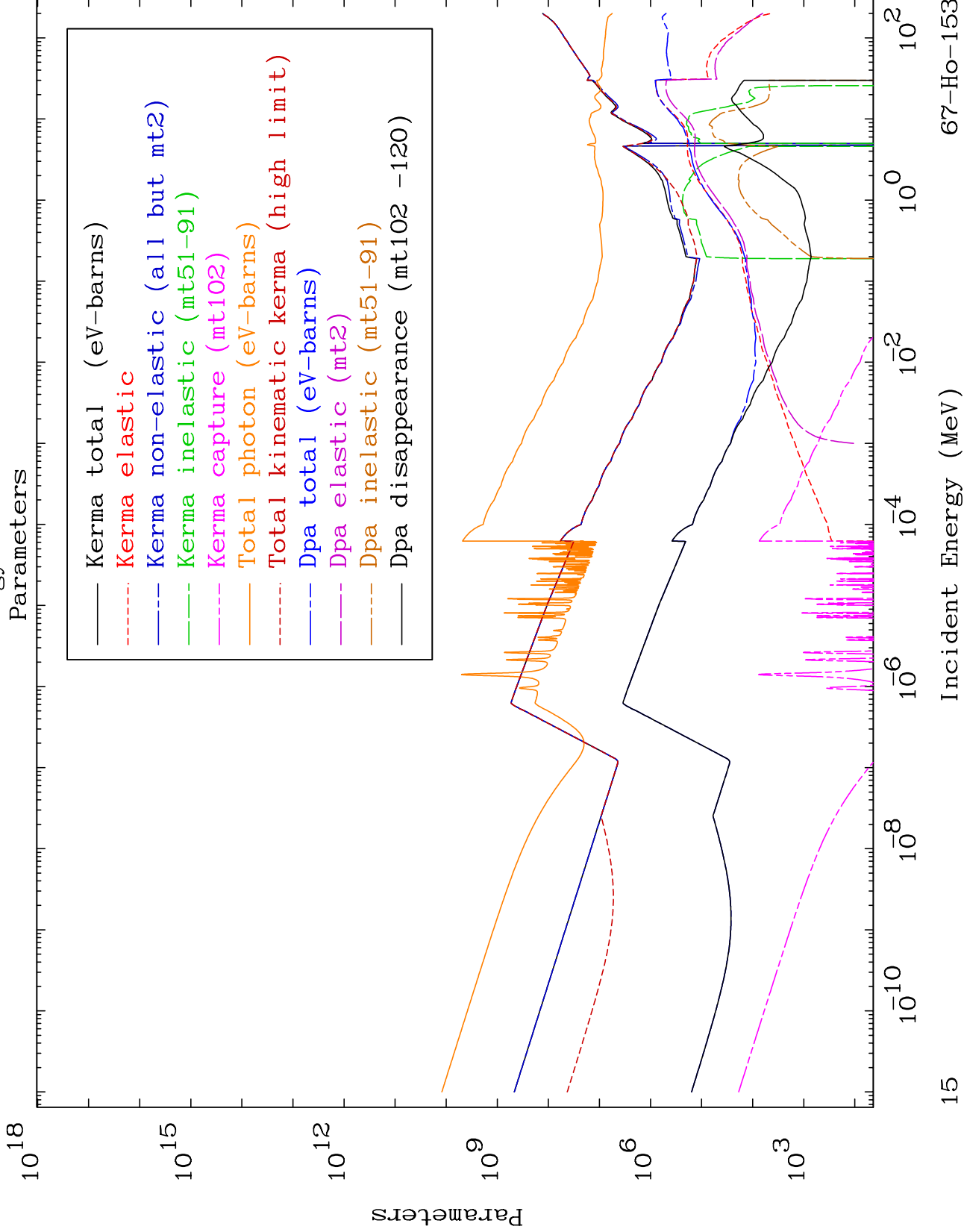
67-Ho-153

MAT 6690

(n, α) Levels
293 Kelvin Cross Sections

67-Ho-153

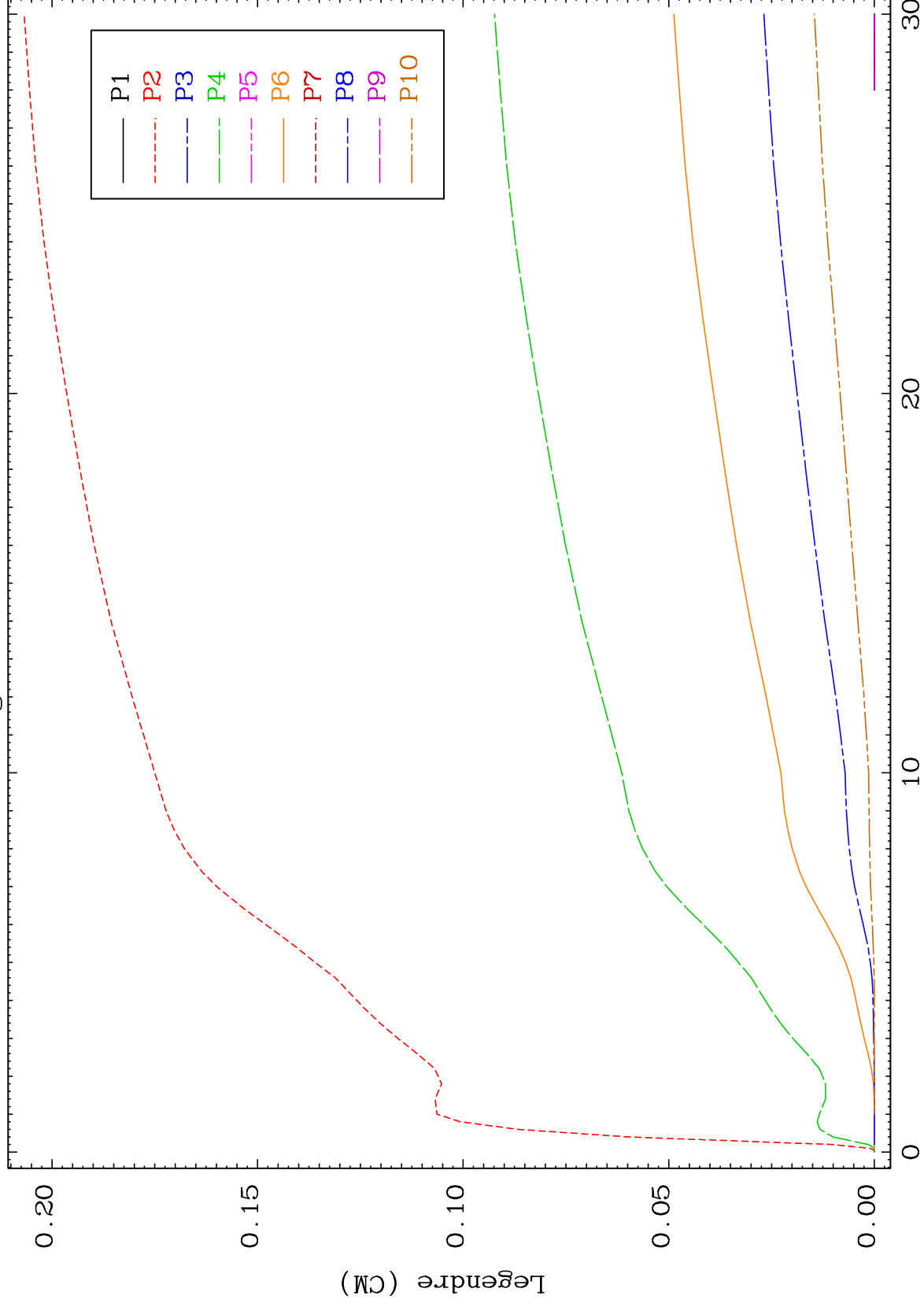




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Elastic
Legendre Coefficients

67-Ho-153



16

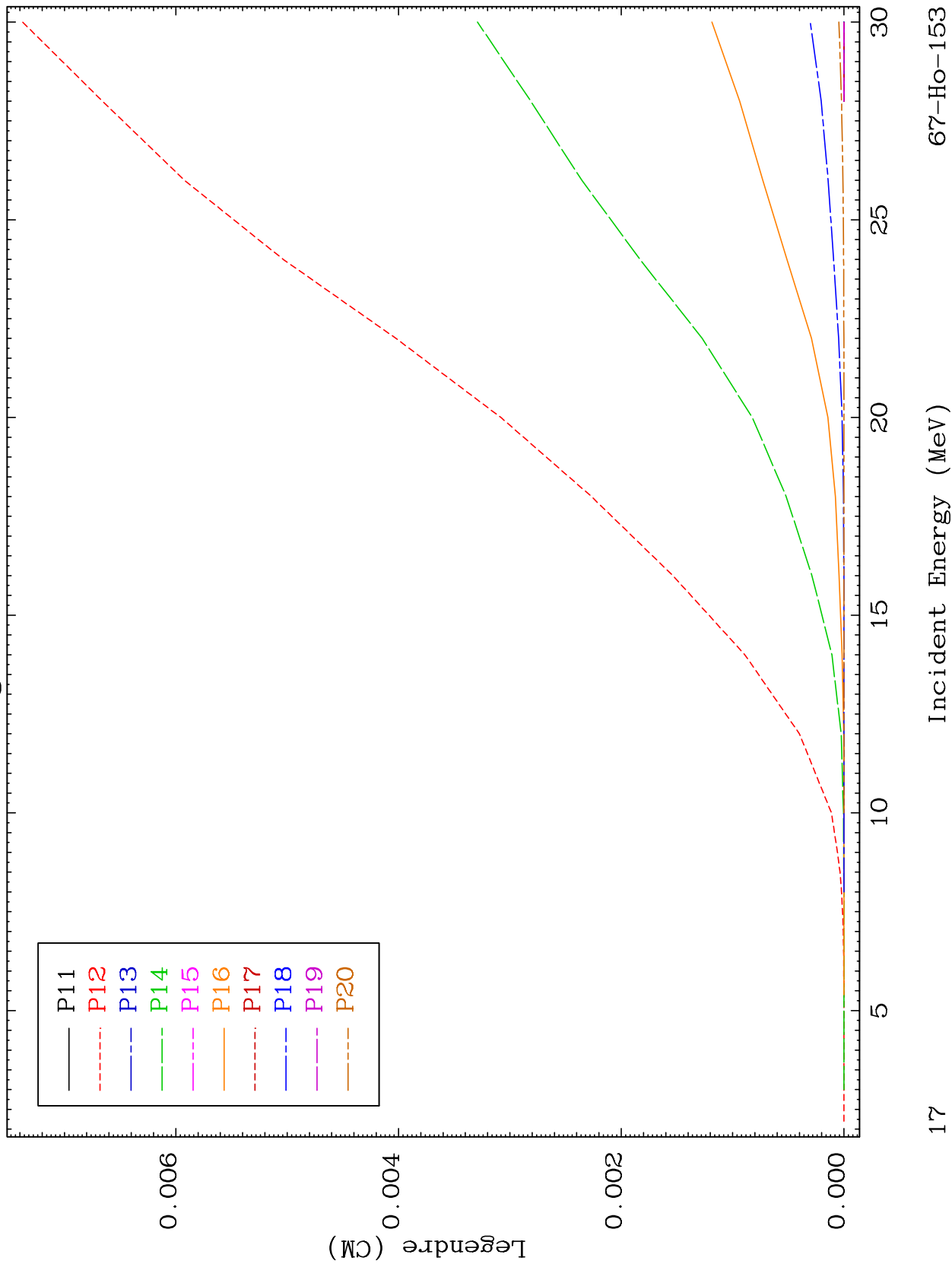
Incident Energy (MeV)

67-Ho-153

MAT 6690

Elastic Legendre Coefficients

67-Ho-153



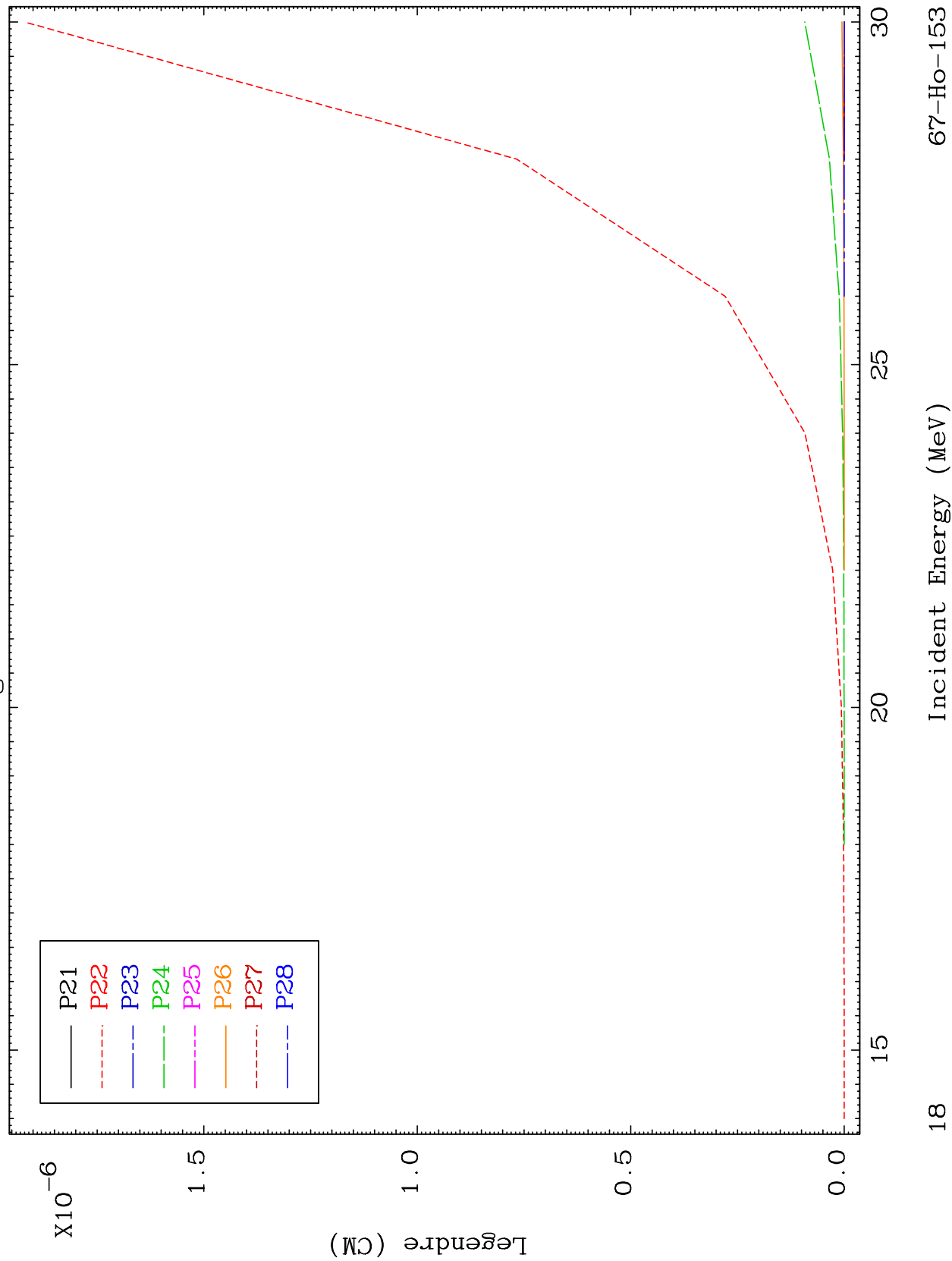
17

67-Ho-153

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Elastic
Legendre Coefficients

67-Ho-153



18

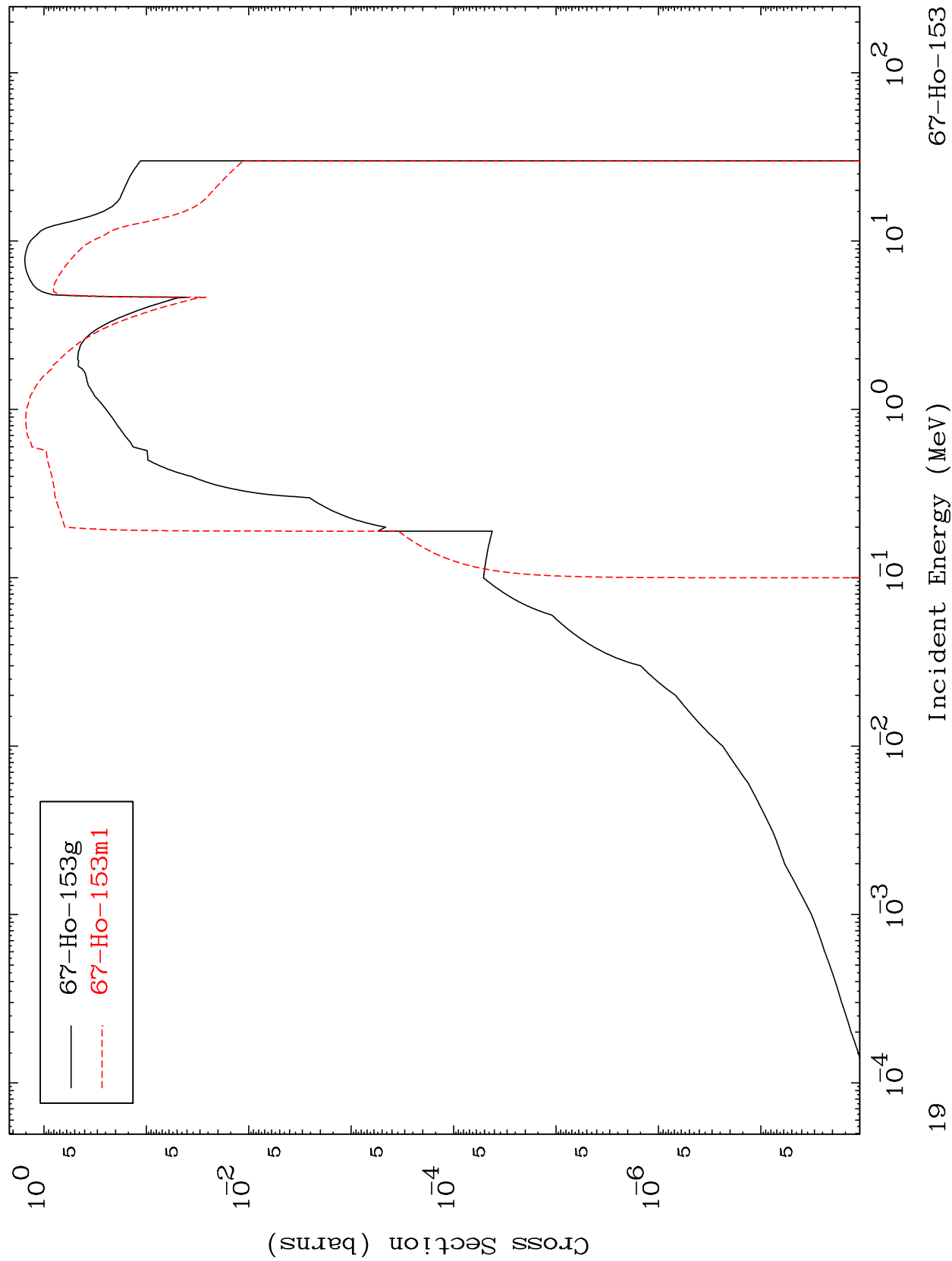
Incident Energy (MeV)

67-Ho-153

MAT 6690

67-Ho-153

Radionuclide Production Cross Section

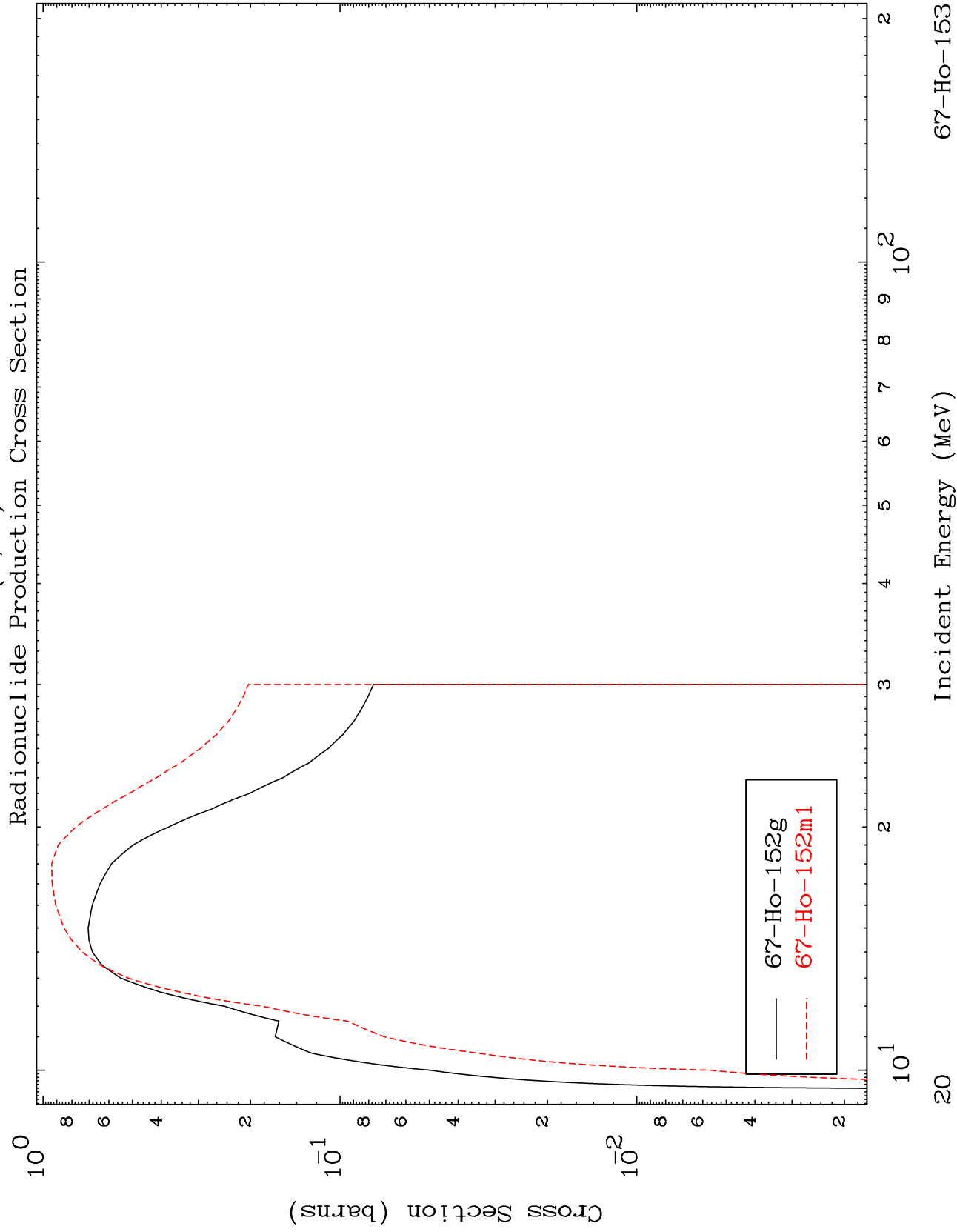


19

MAT 6690

(n,2n)

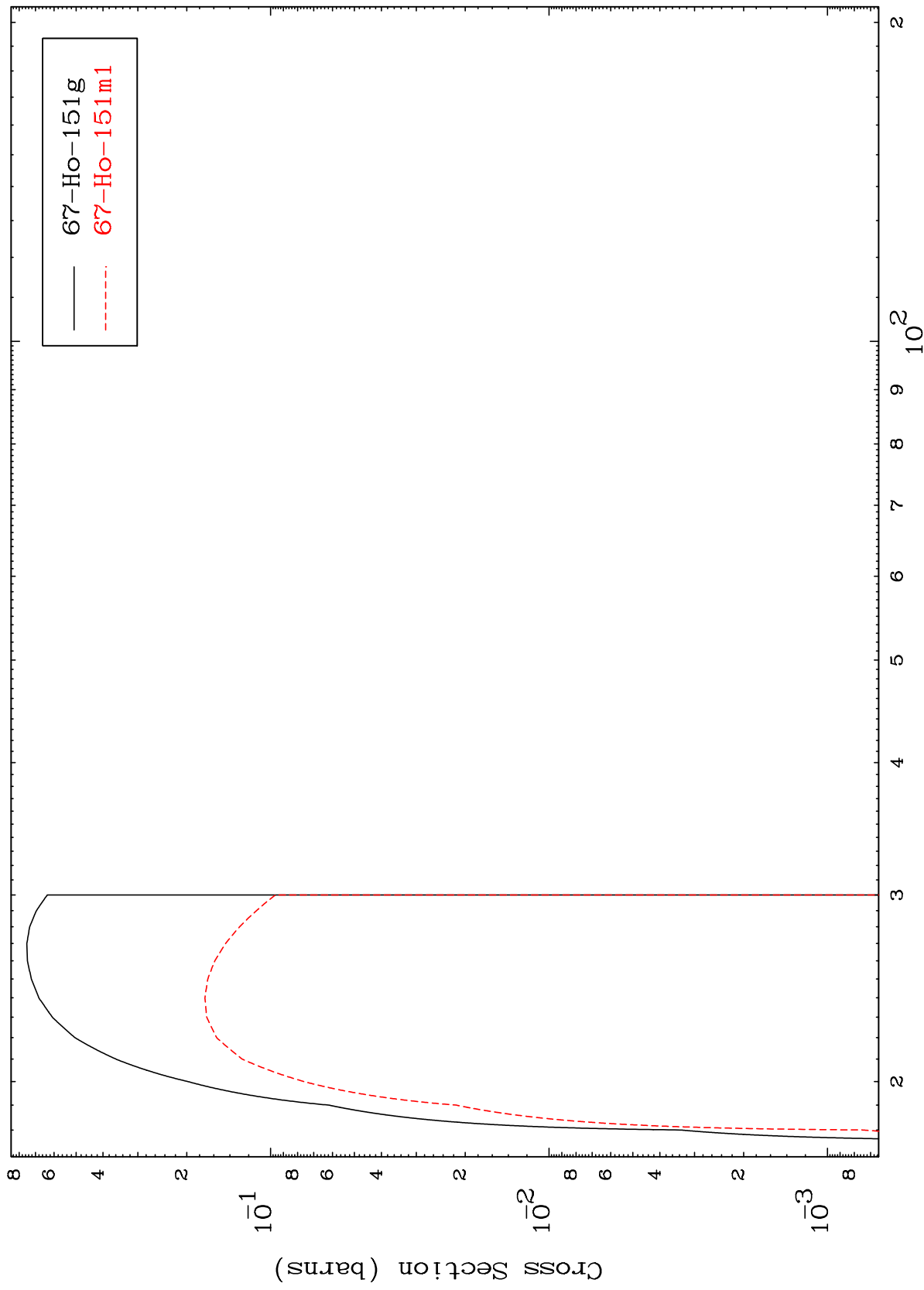
67-Ho-153



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67-Ho-153

(n,3n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

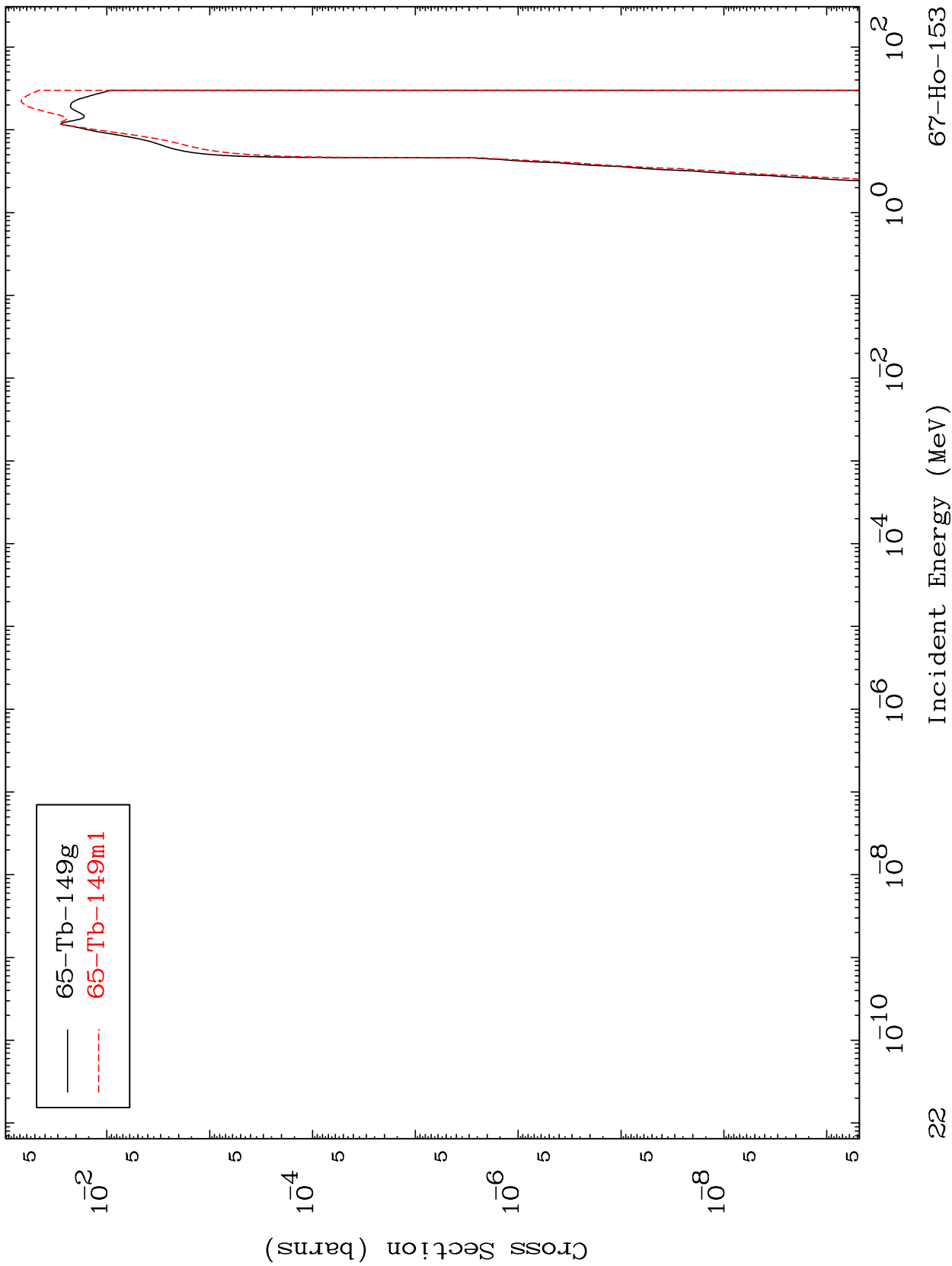
67-Ho-153

MAT 6690

(n, n') α

67-Ho-153

Radionuclide Production Cross Section

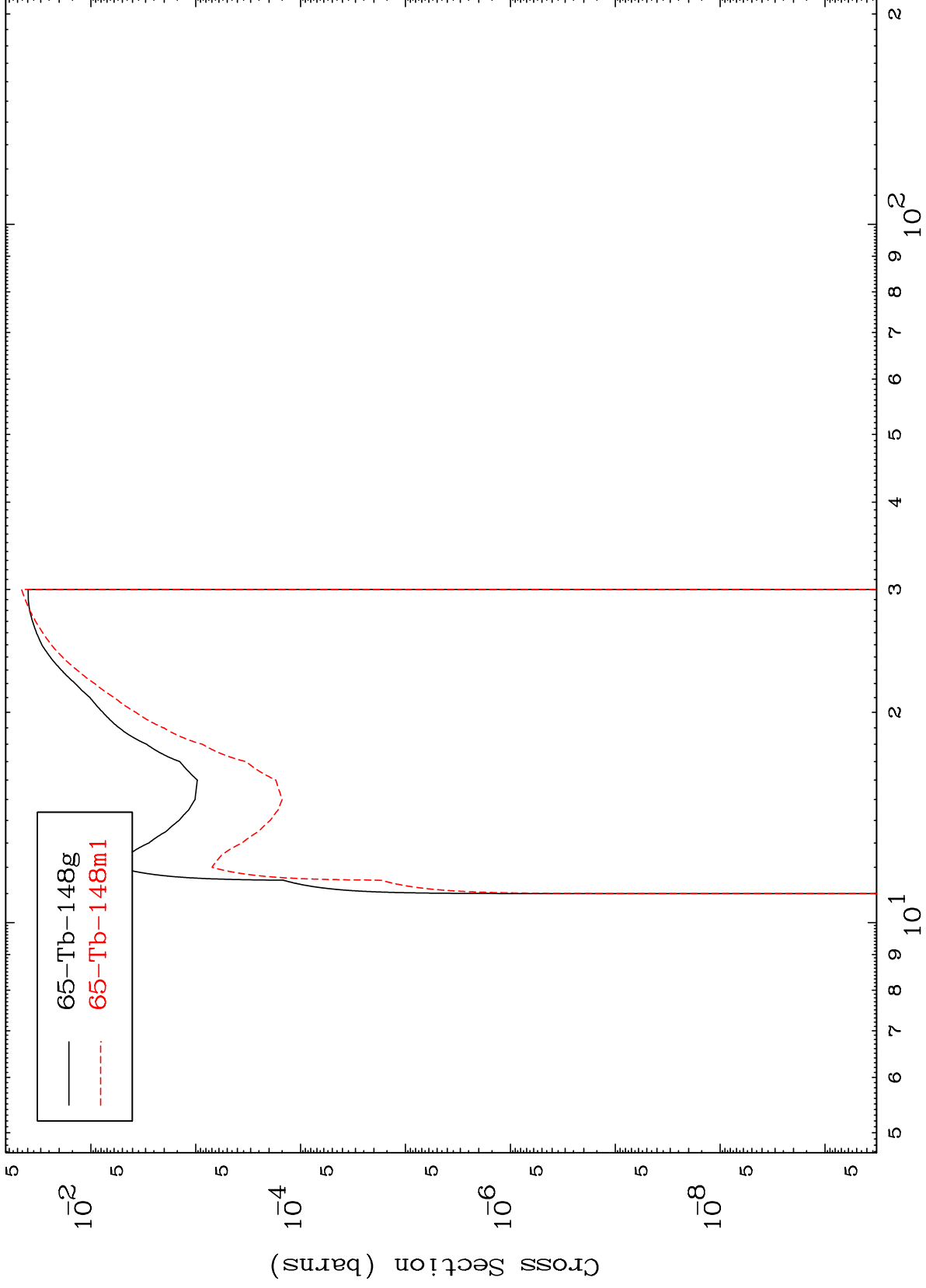


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$(n,2n) \alpha$

67-Ho-153

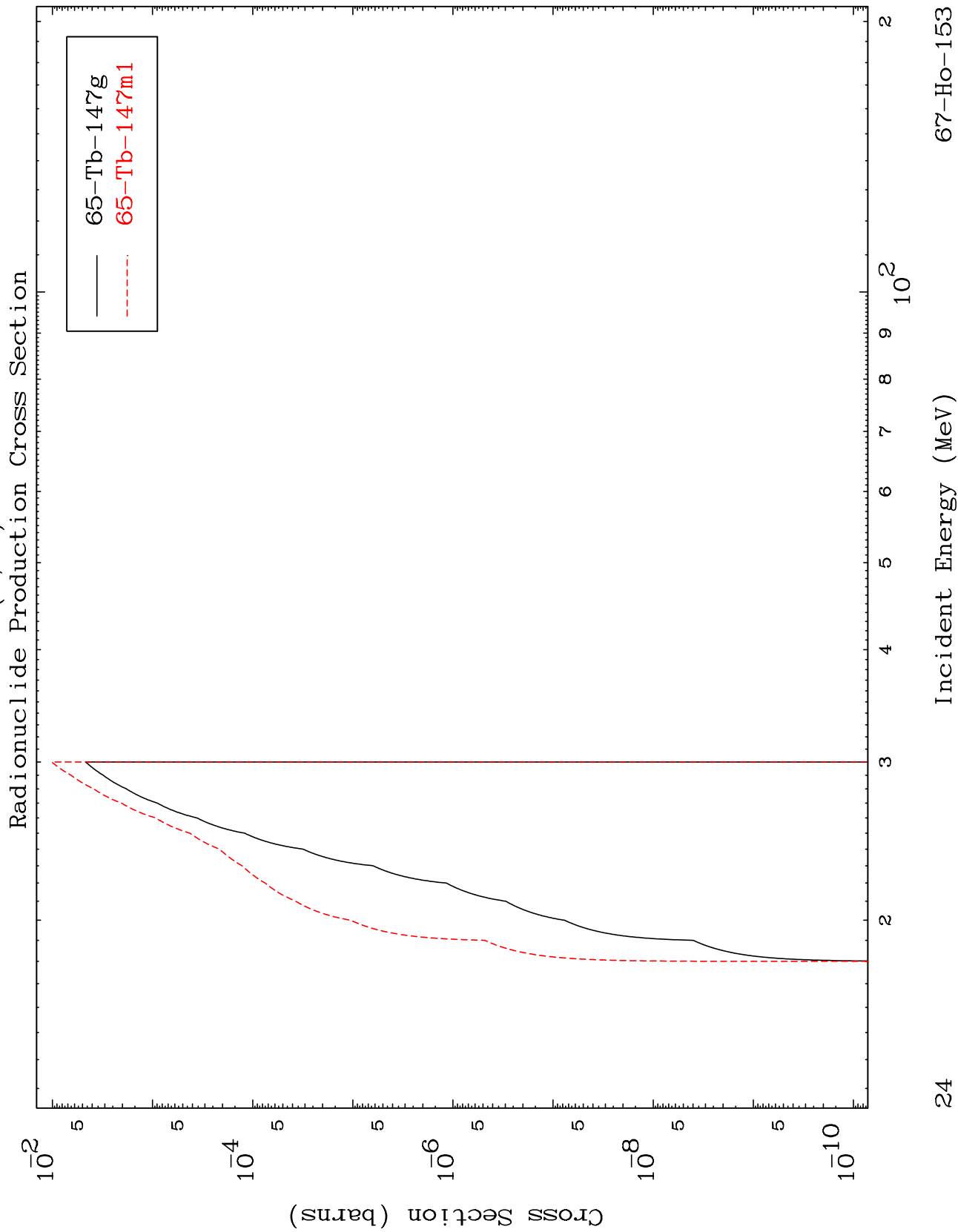
Radionuclide Production Cross Section



23

Incident Energy (MeV)

67-Ho-153

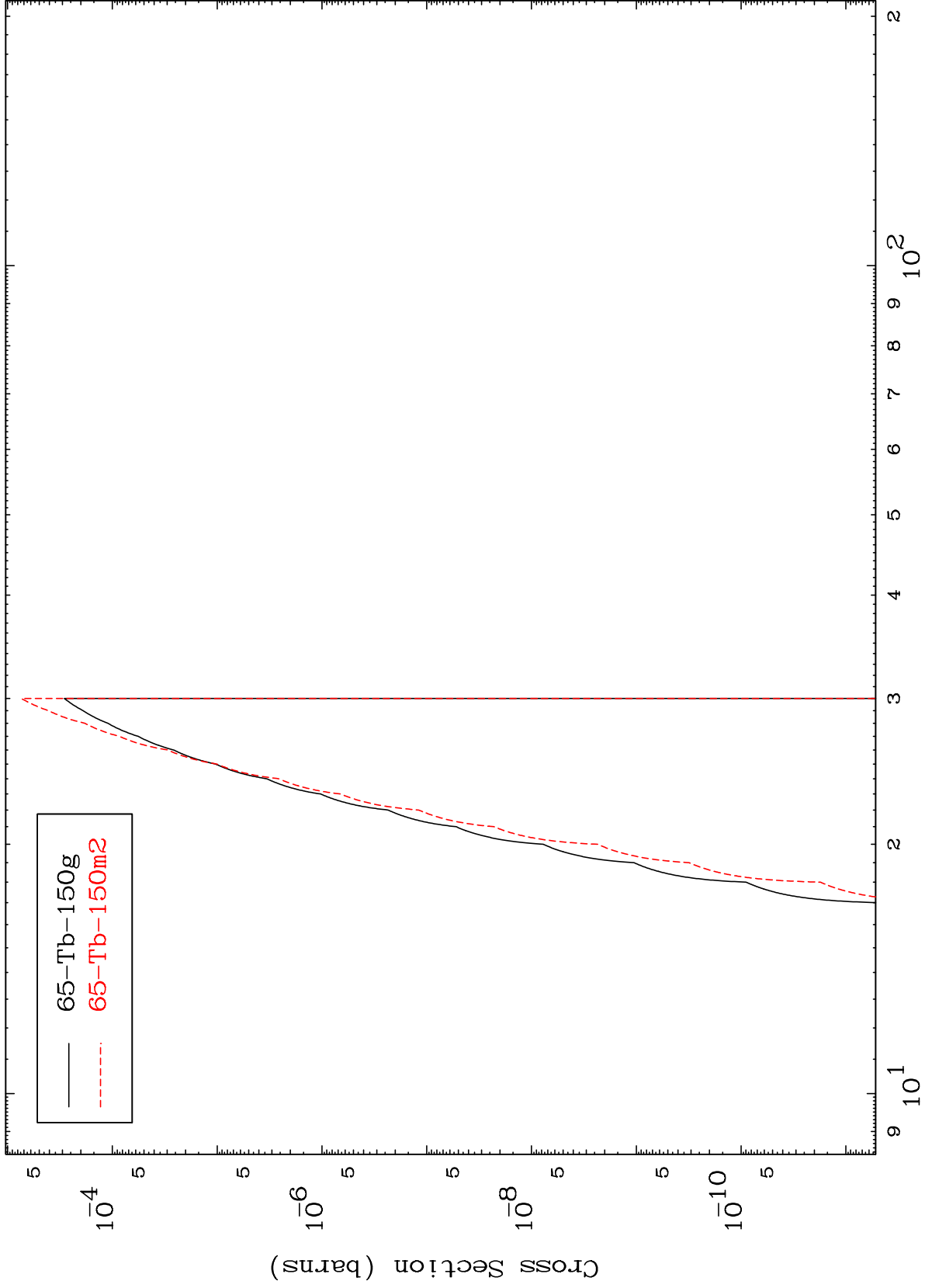


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(n,n') He-3

67-Ho-153

Radionuclide Production Cross Section



25

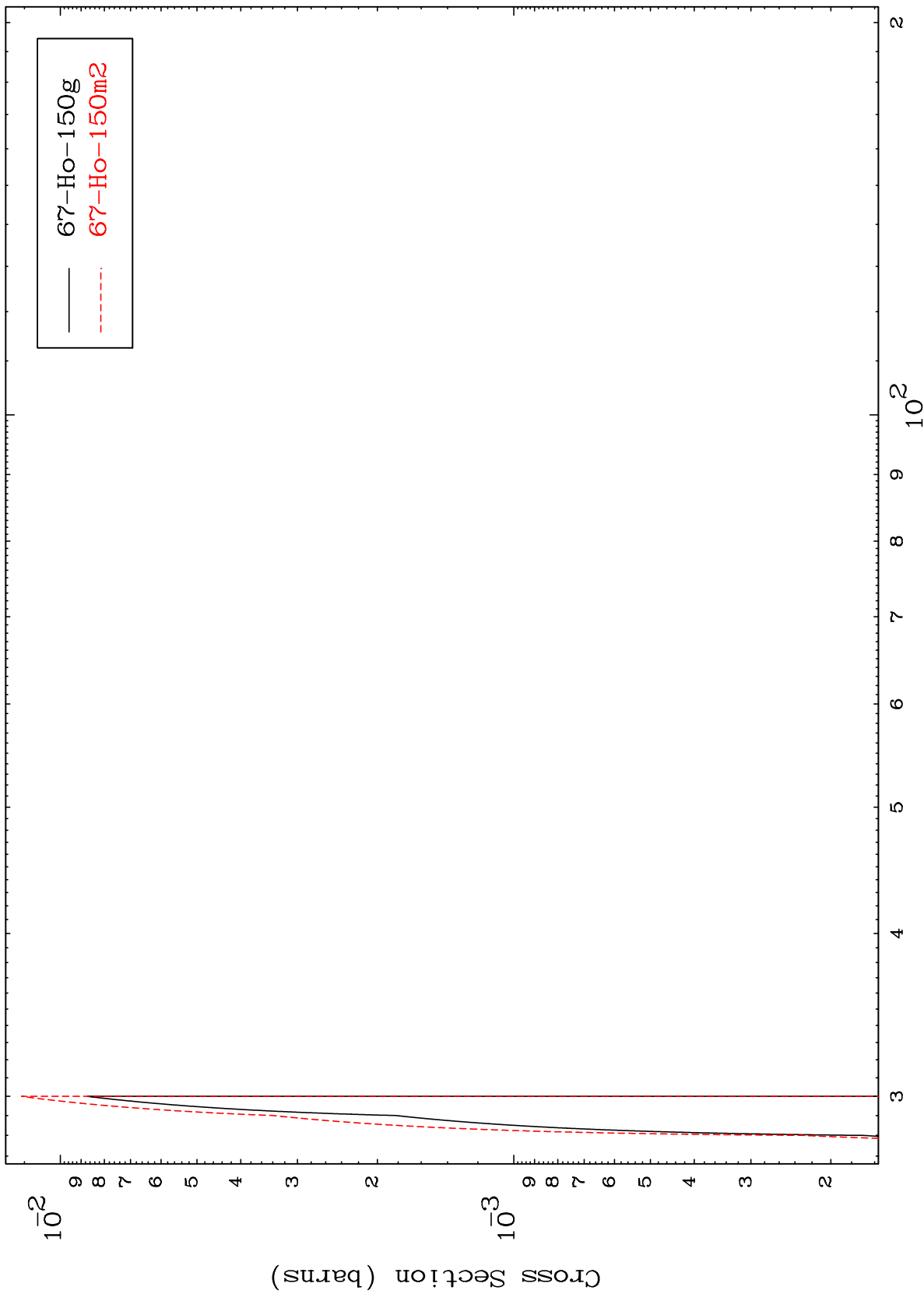
Incident Energy (MeV)

67-Ho-153

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⁶⁷Ho-153

(n,4n)
Radionuclide Production Cross Section



26

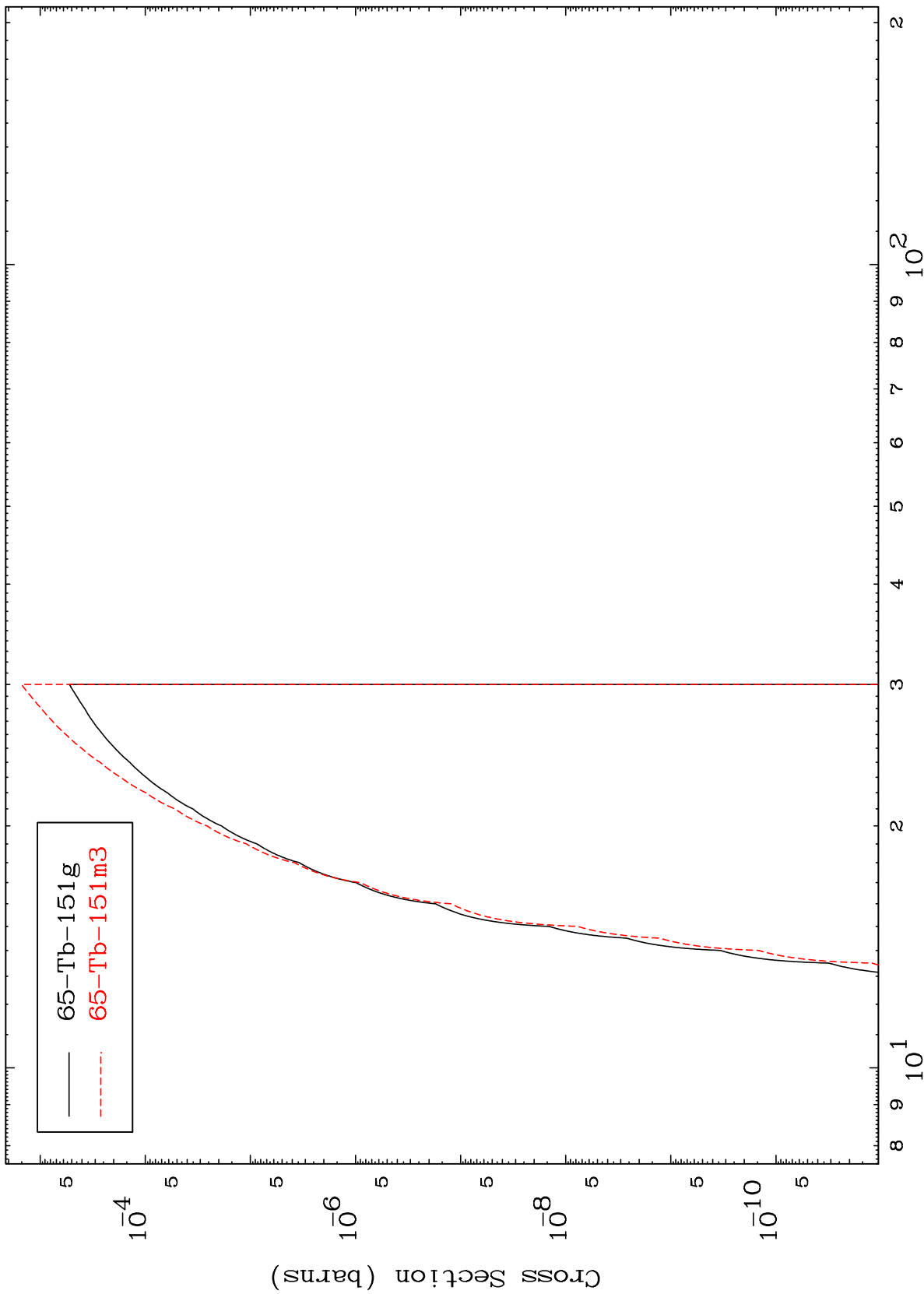
⁶⁷Ho-153

MAT 6690

(n,2n) p

67-Ho-153

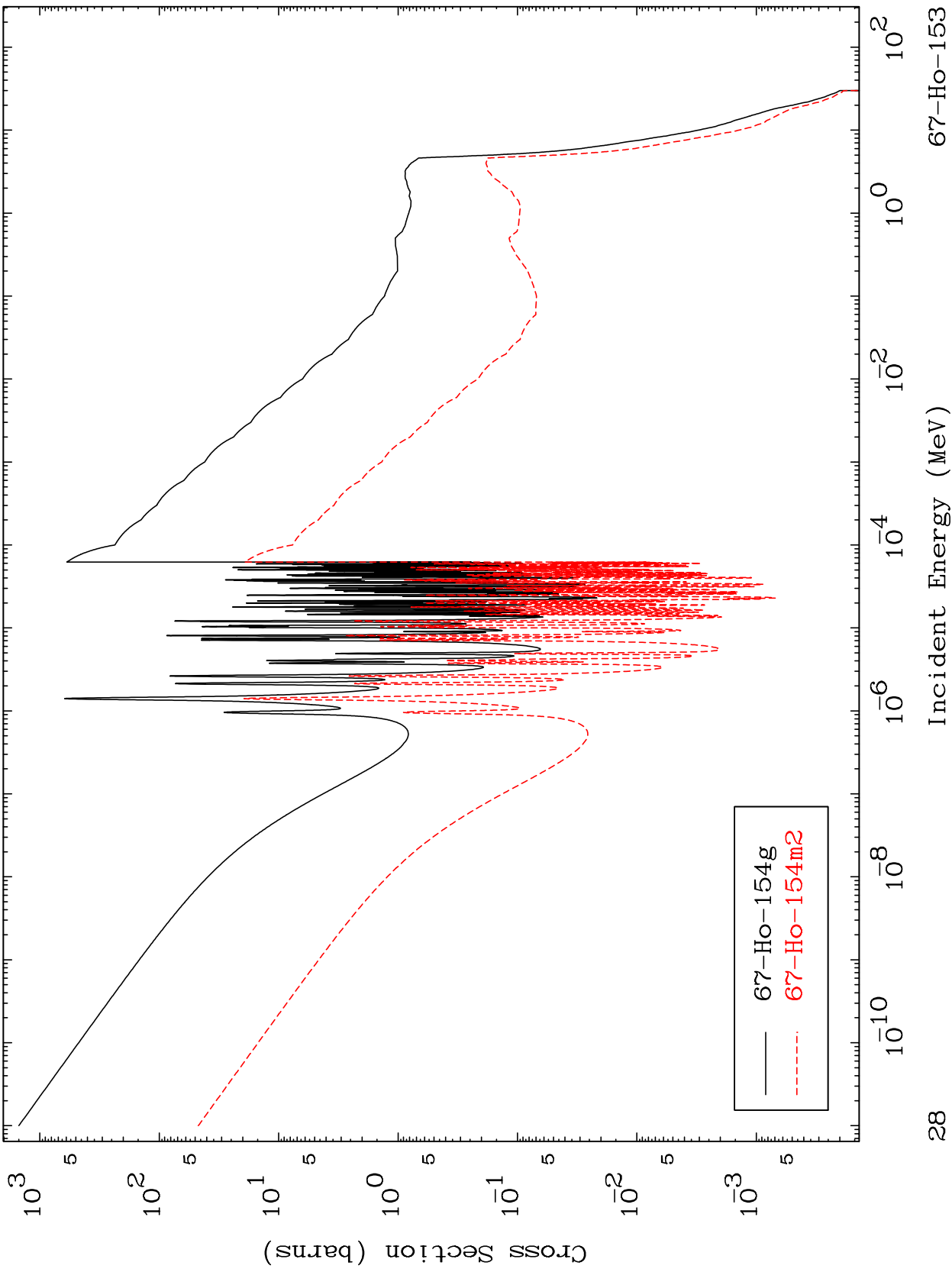
Radionuclide Production Cross Section



MAT 6690

67-Ho-153

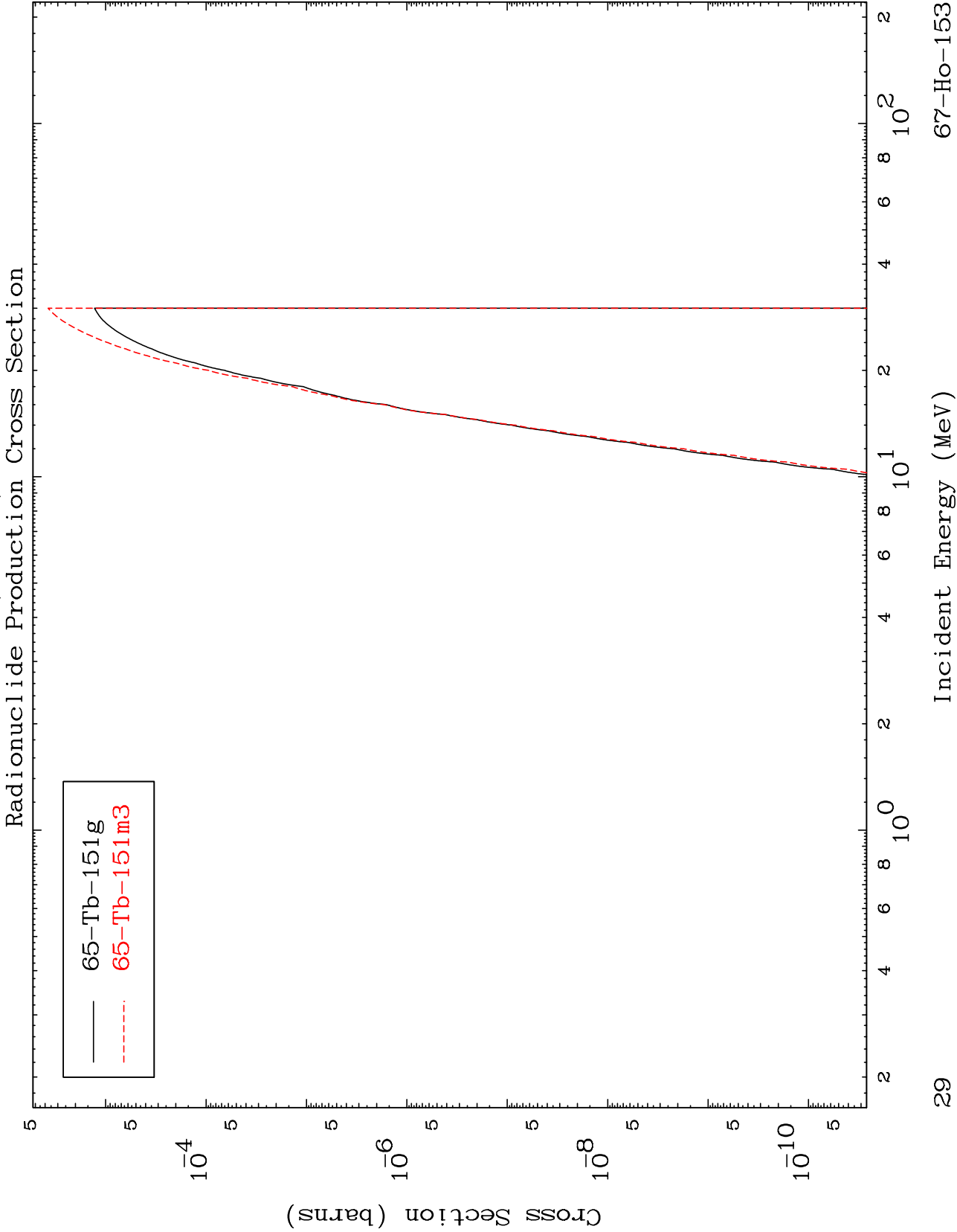
(n,γ)
Radionuclide Production Cross Section



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(n,He-3)

67-Ho-153

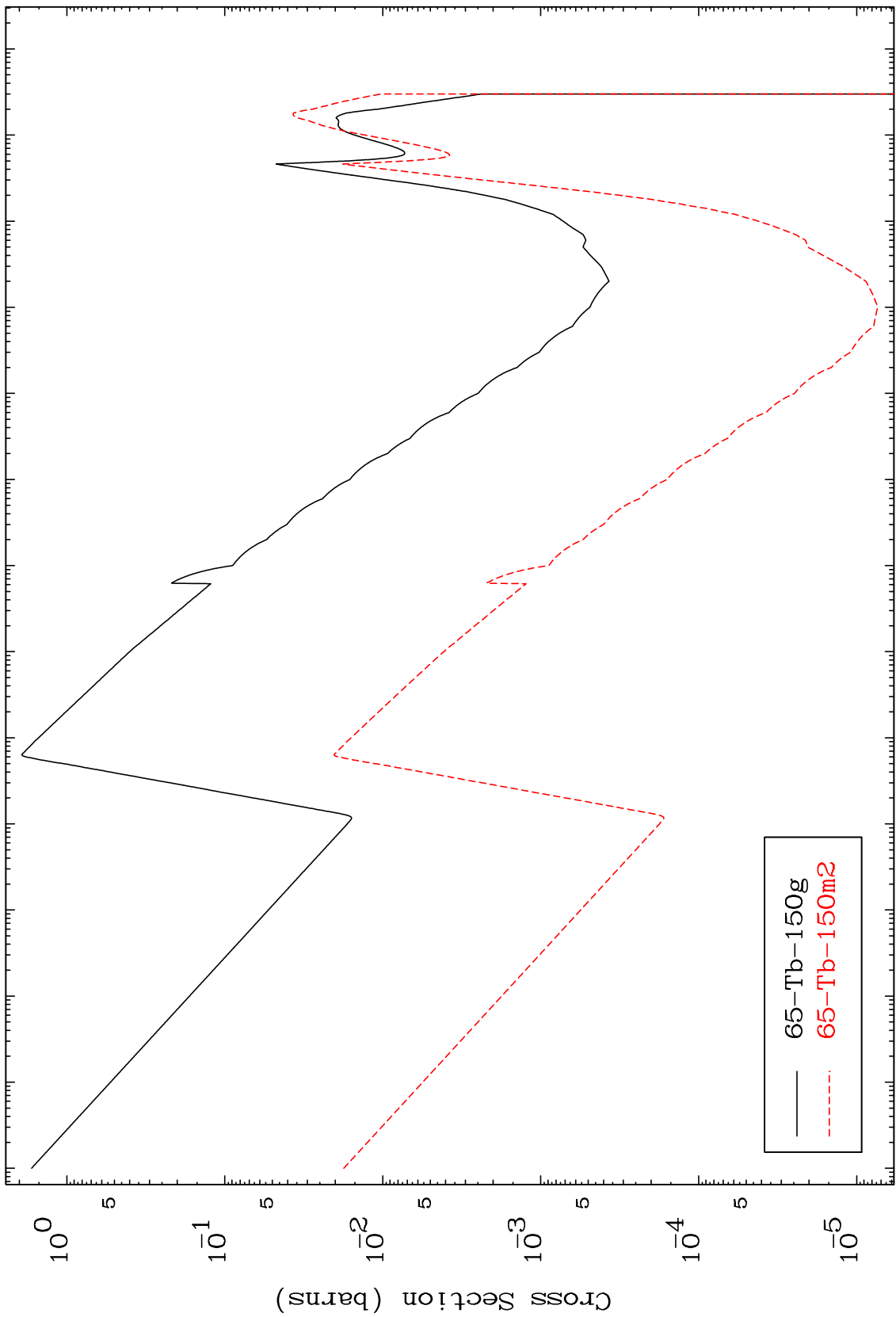


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67-Ho-153

Radionuclide Production Cross Section

(n, α)

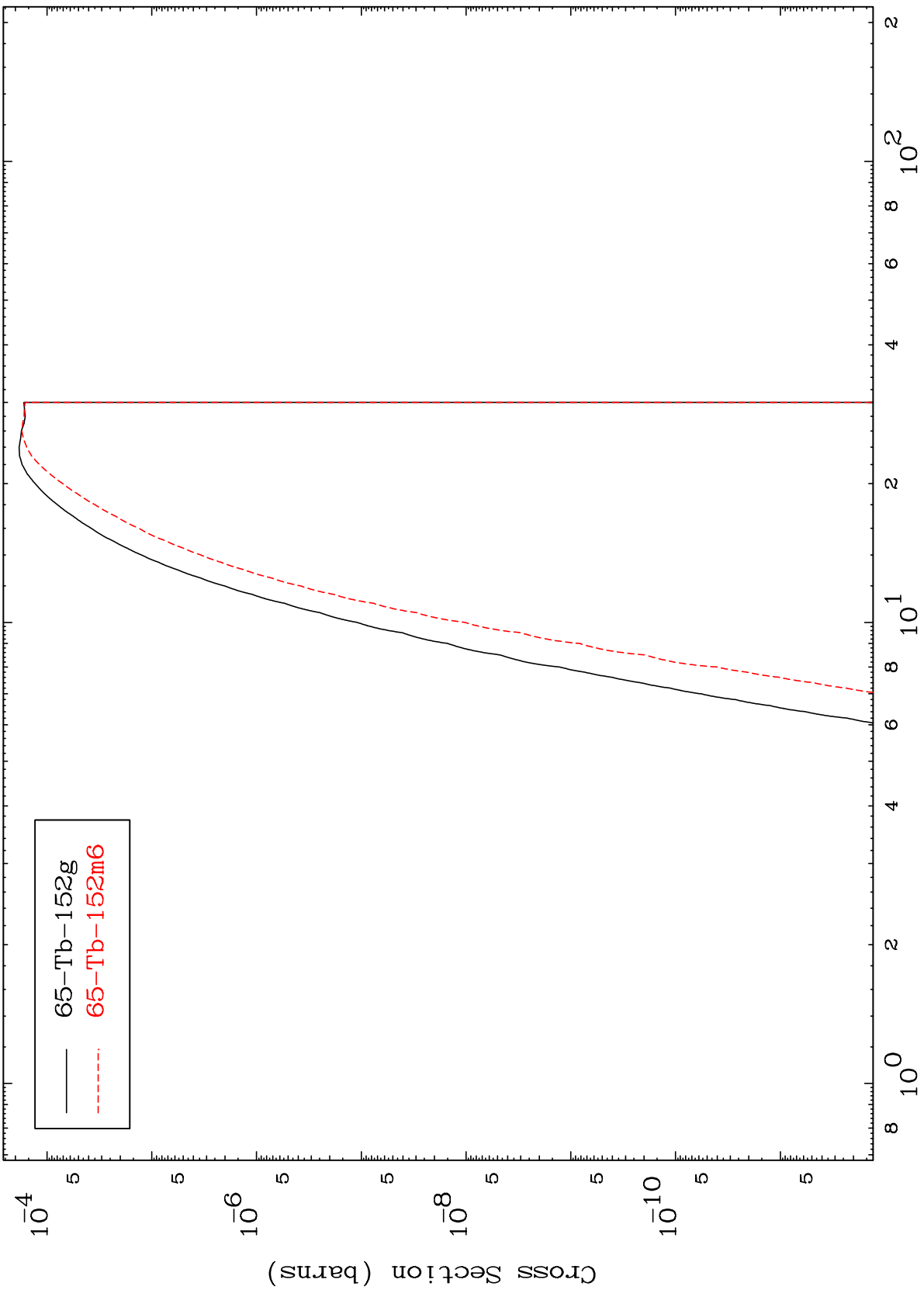


— 65-Tb-150g
- - - 65-Tb-150m2

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67-Ho-153

(n,2p)
Radionuclide Production Cross Section



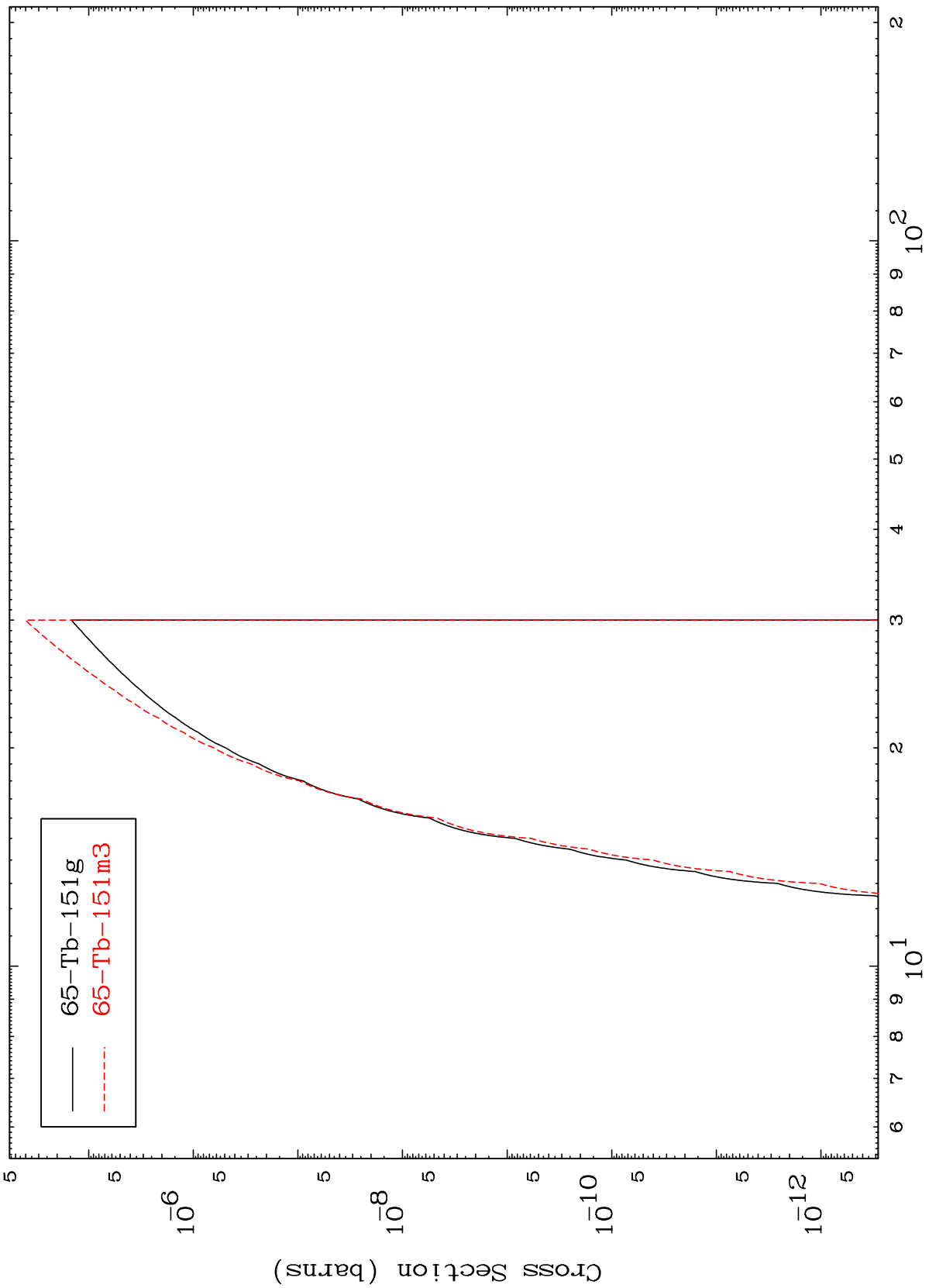
65-Tb-152g
65-Tb-152m6

MAT 6690

(n,p) d

67-Ho-153

Radionuclide Production Cross Section



65-Tb-151g
65-Tb-151m3

32

Incident Energy (MeV)

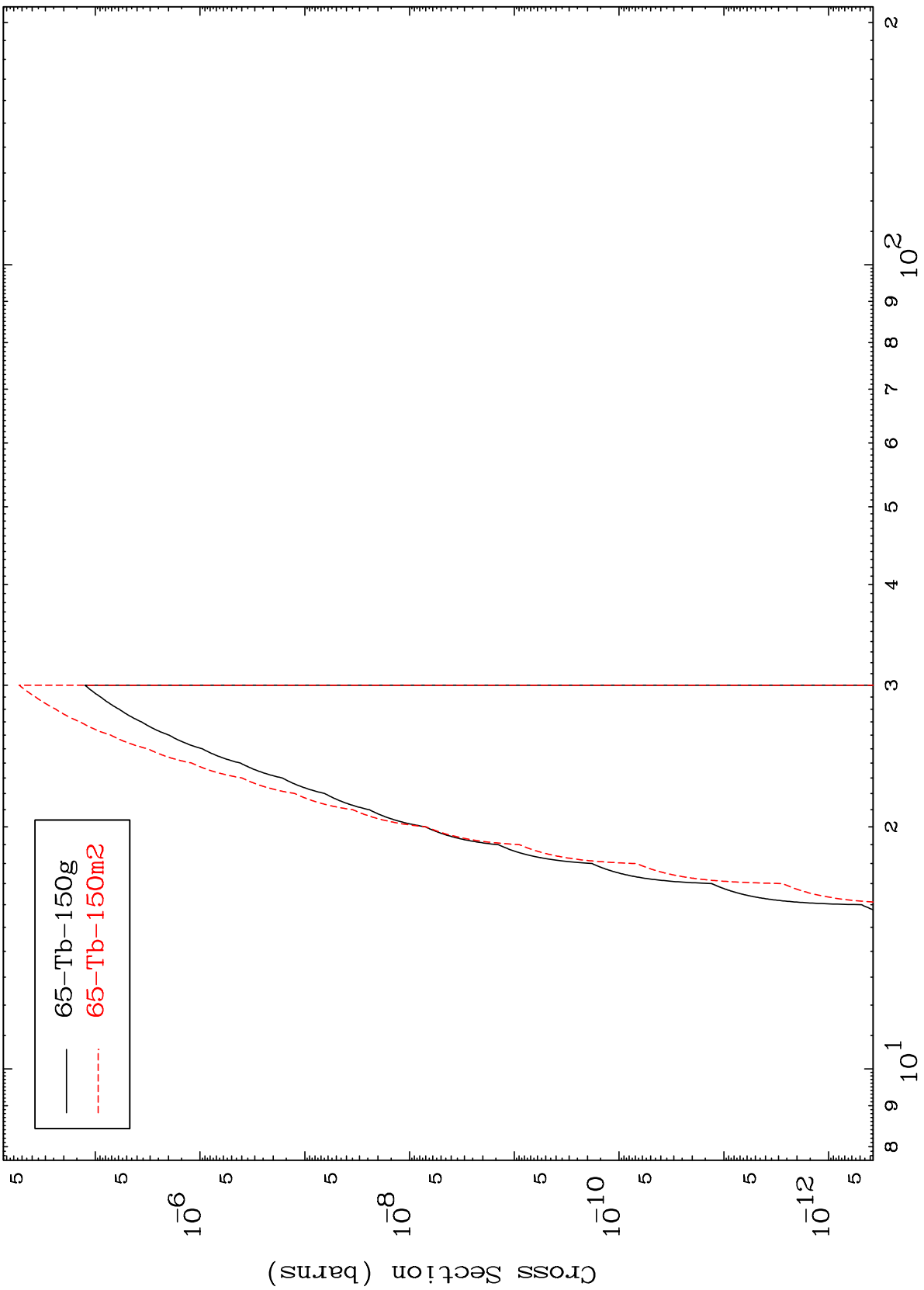
67-Ho-153

MAT 6690

(n,p) t

67-Ho-153

Radionuclide Production Cross Section



33

Incident Energy (MeV)

67-Ho-153