

Program EVALPLOT
(Version 2017-1)

by

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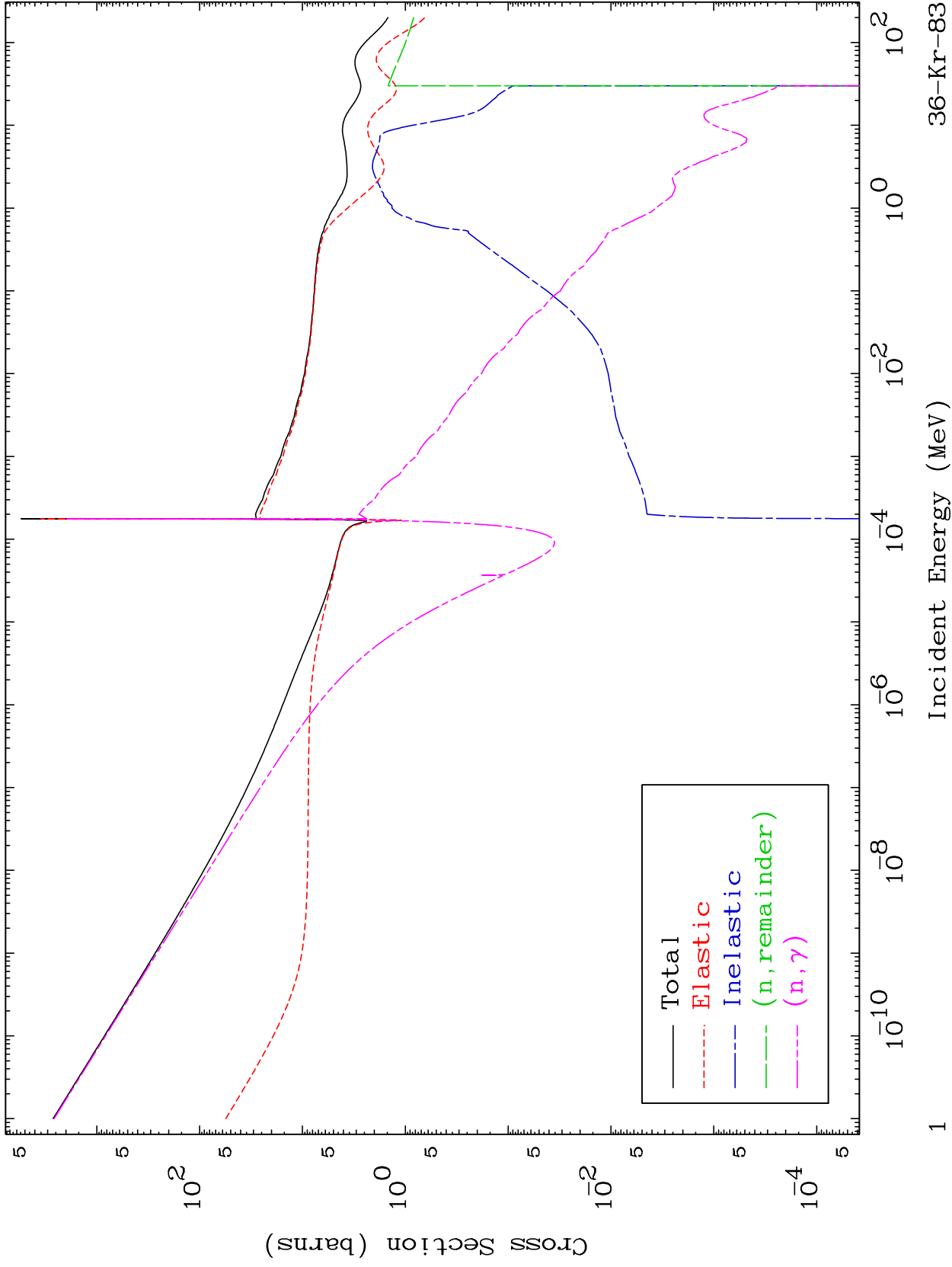
Press Mouse Button to Start

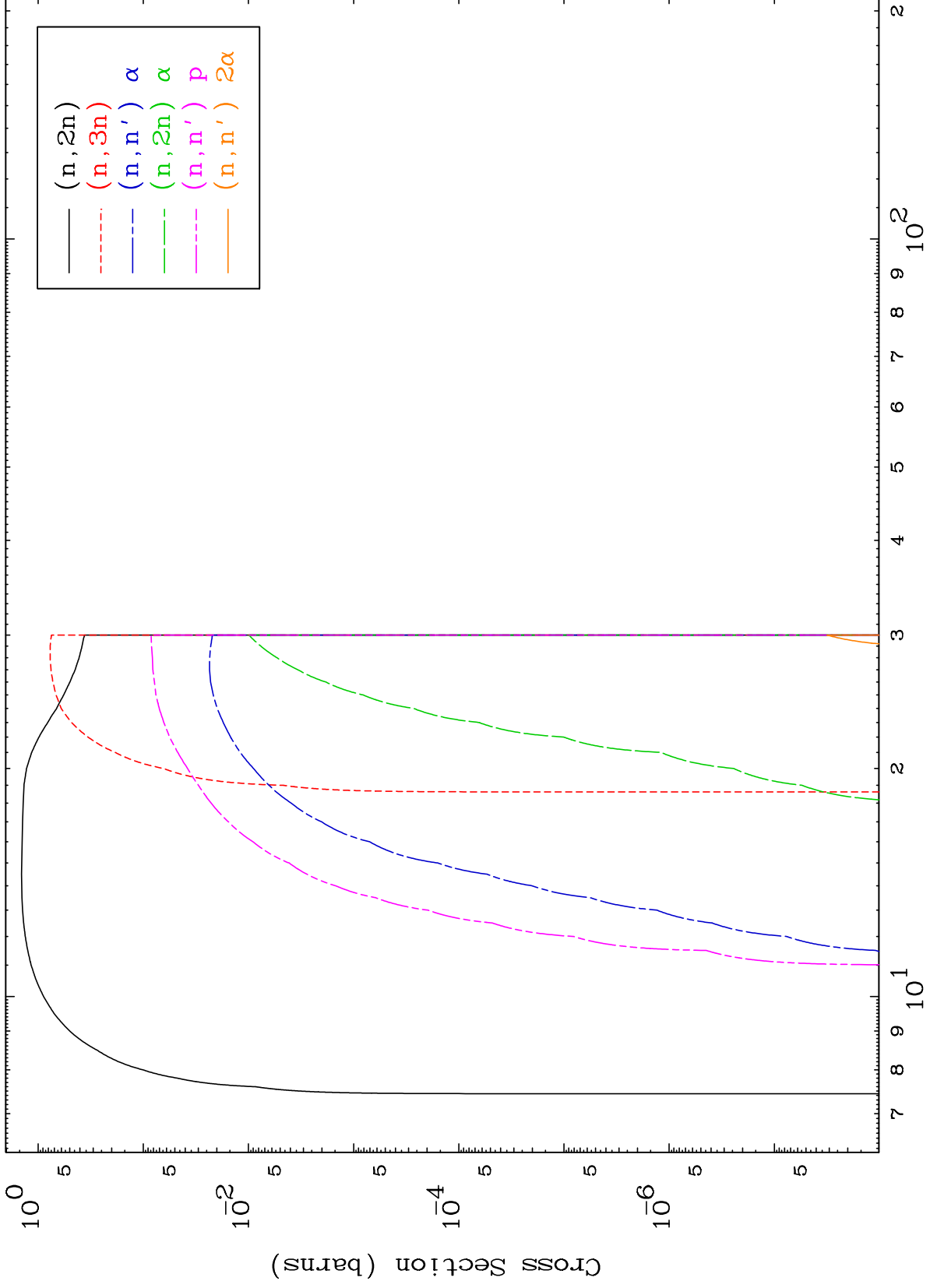
MAT 3641

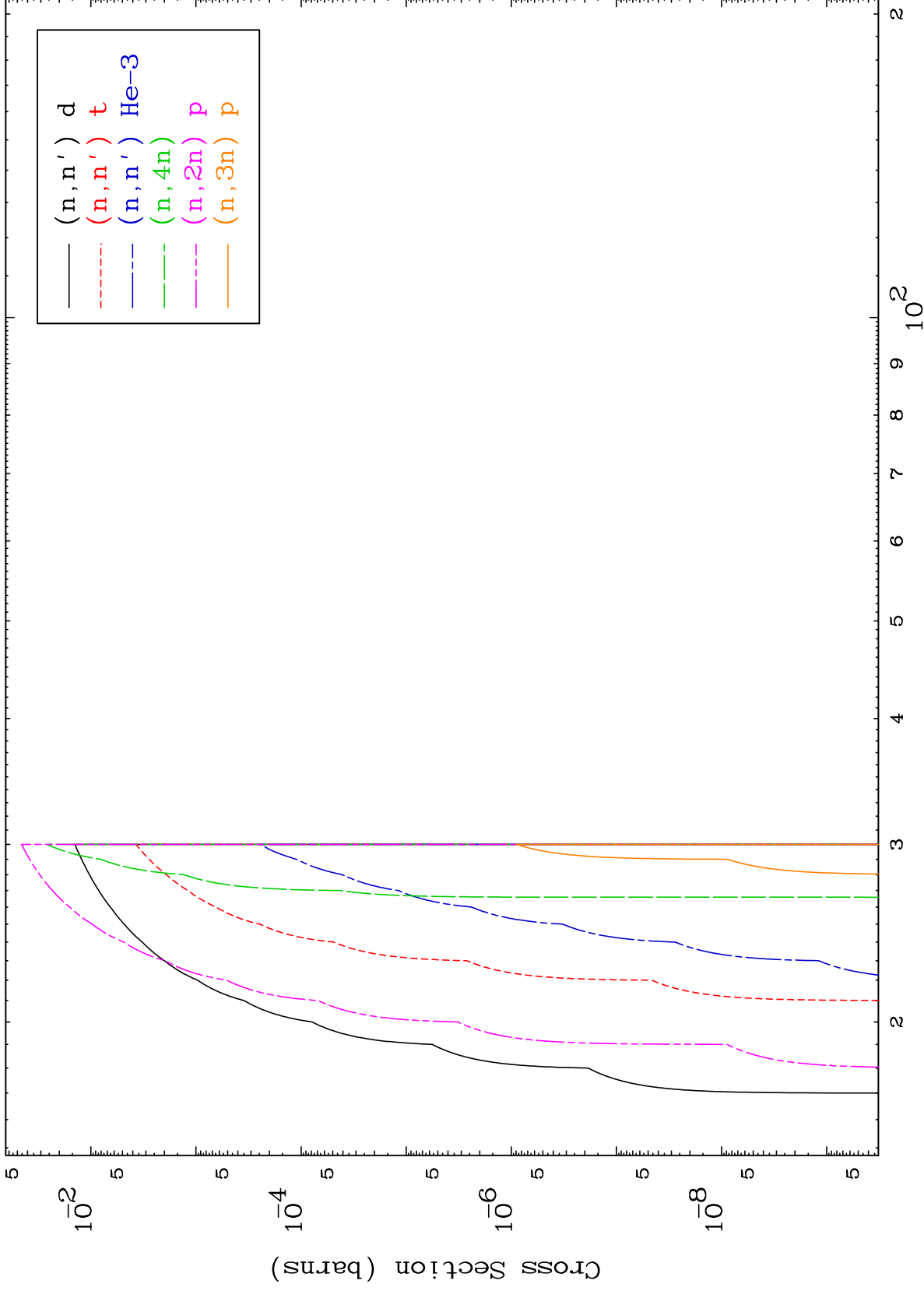
Major

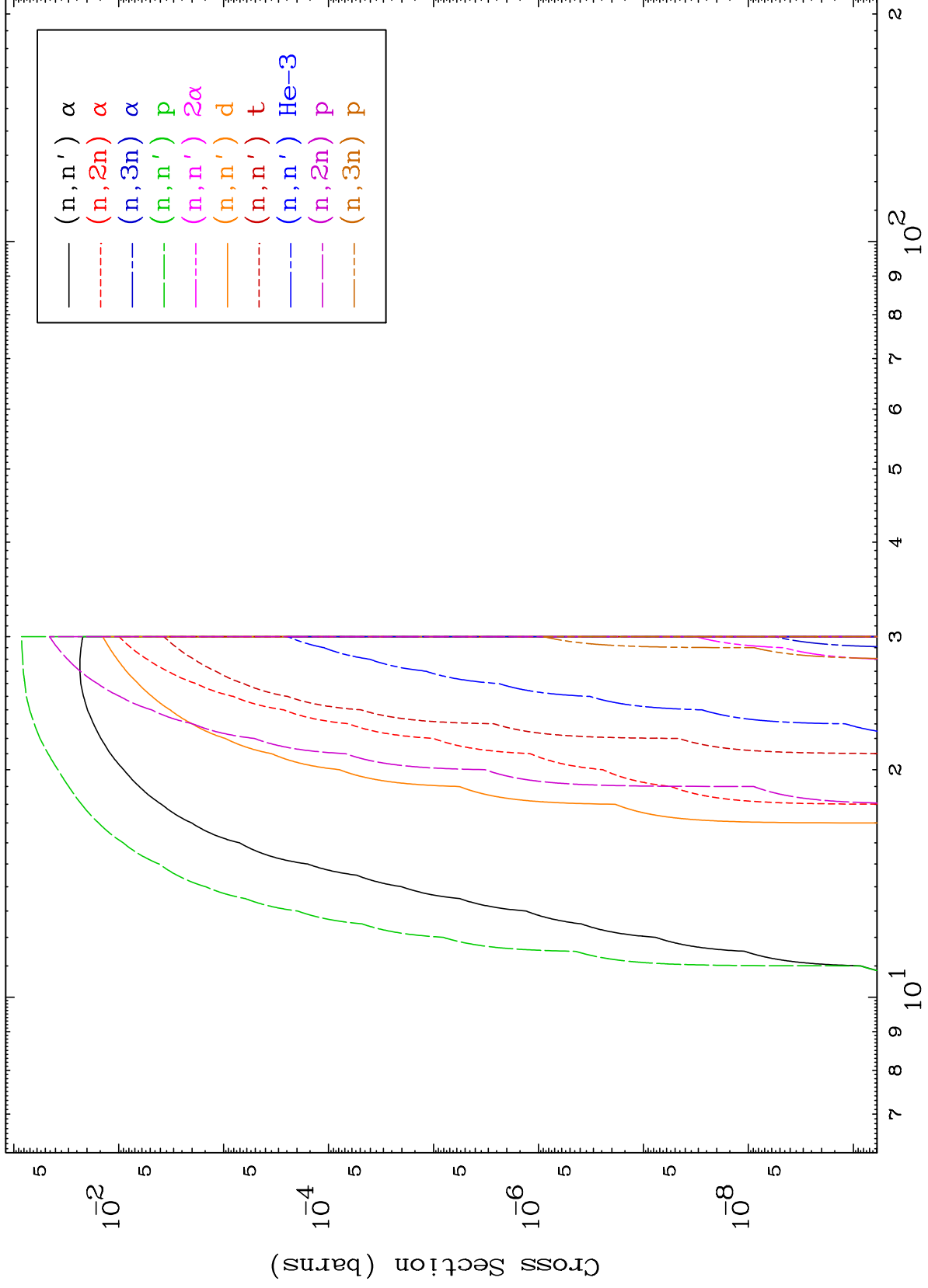
293 Kelvin Cross Sections

36-Kr-83





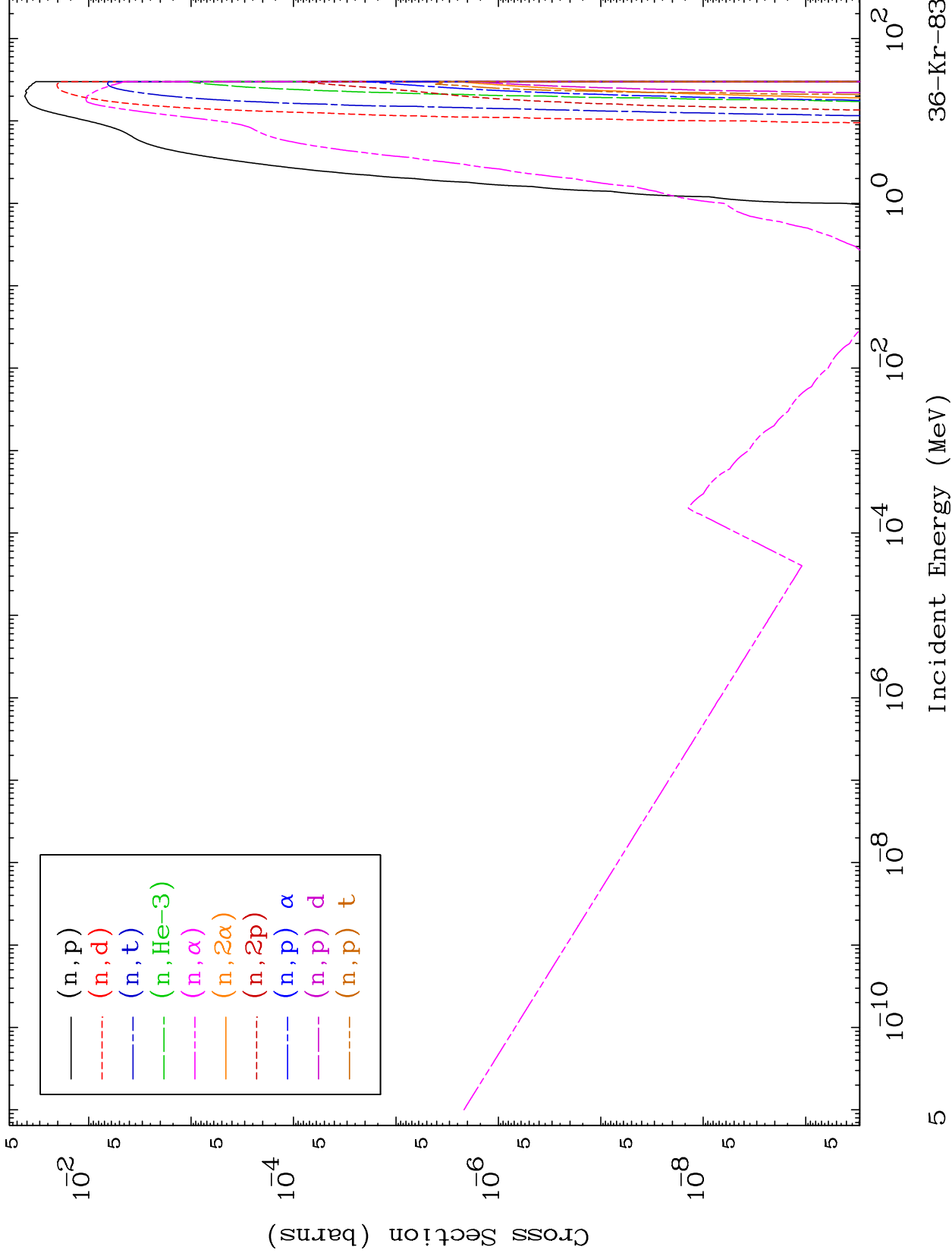




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Charged Particle
293 Kelvin Cross Sections

36-Kr-83



5

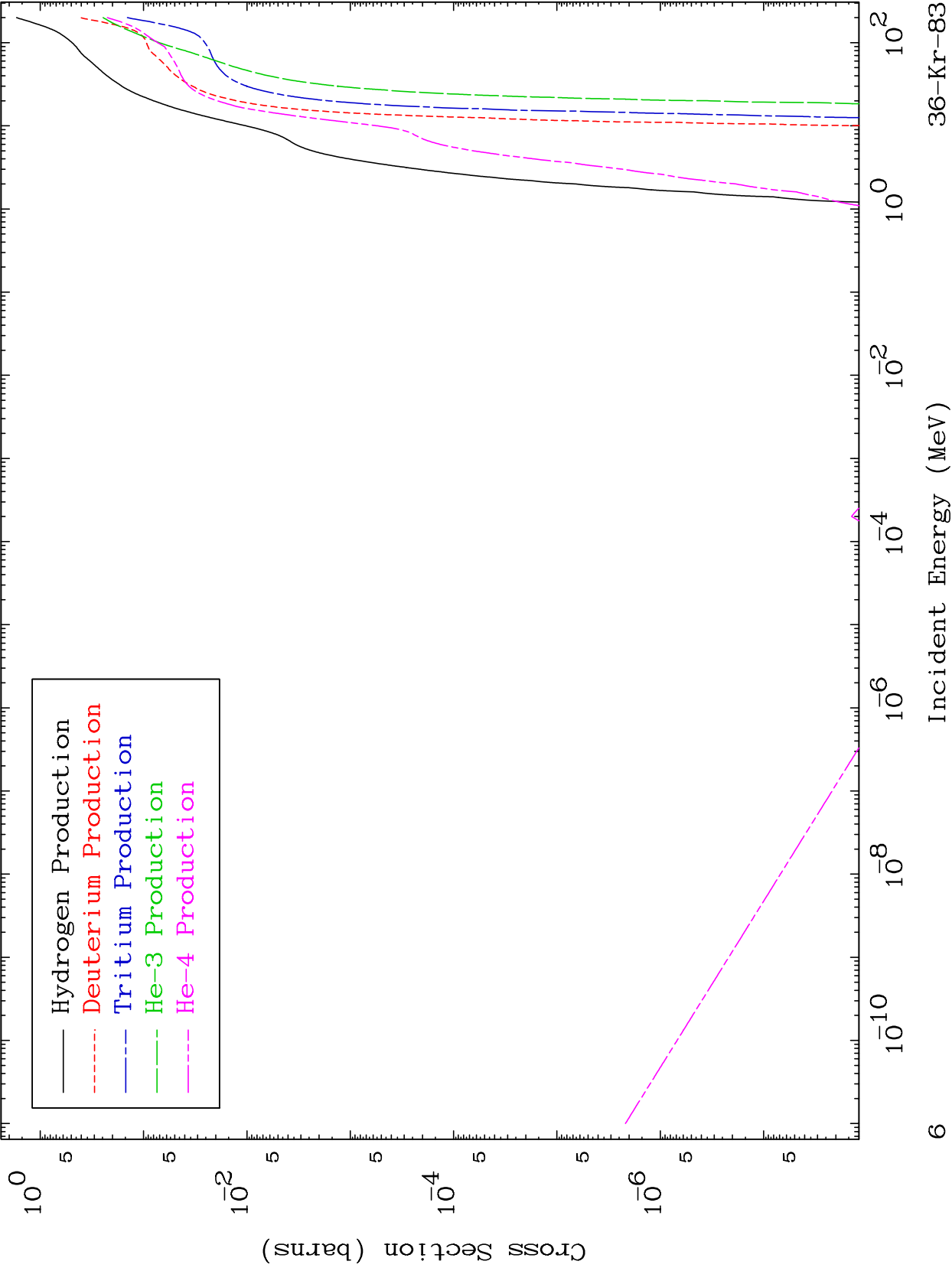
Incident Energy (MeV)

36-Kr-83

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Particle Production
293 Kelvin Cross Sections

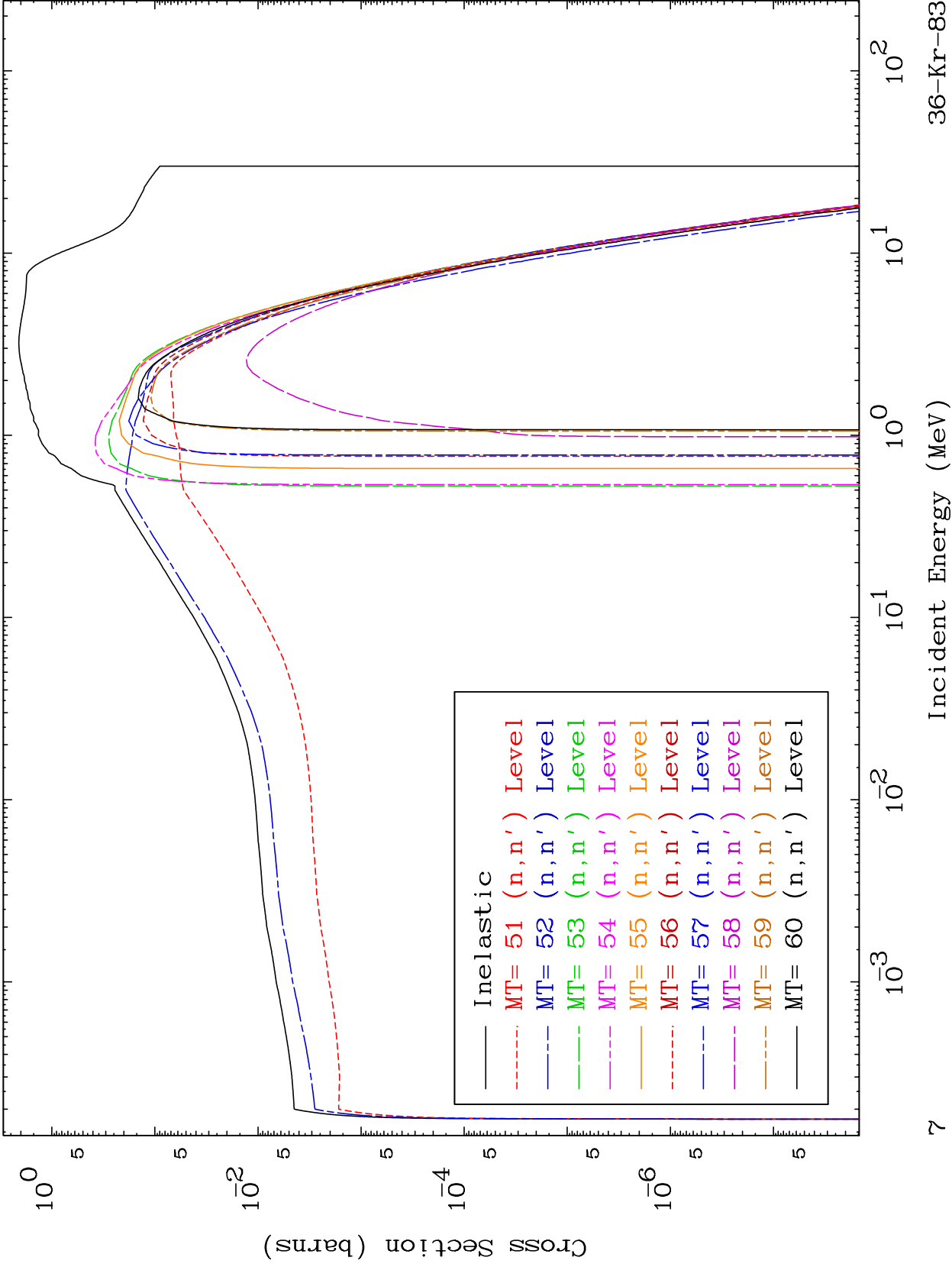
36-Kr-83



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(n,n') Level
293 Kelvin Cross Sections

36-Kr-83

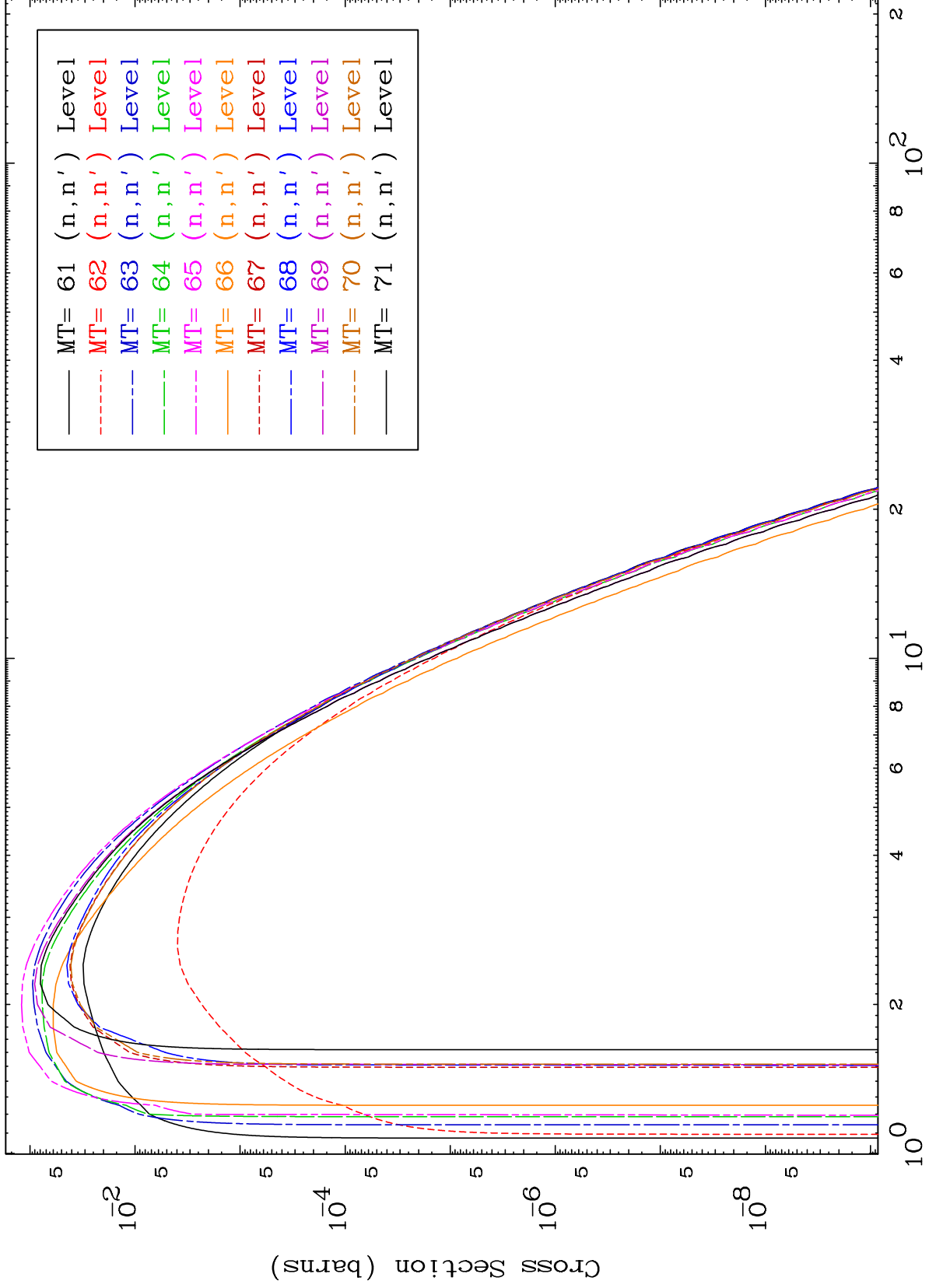


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(n,n') Level

36-Kr-83

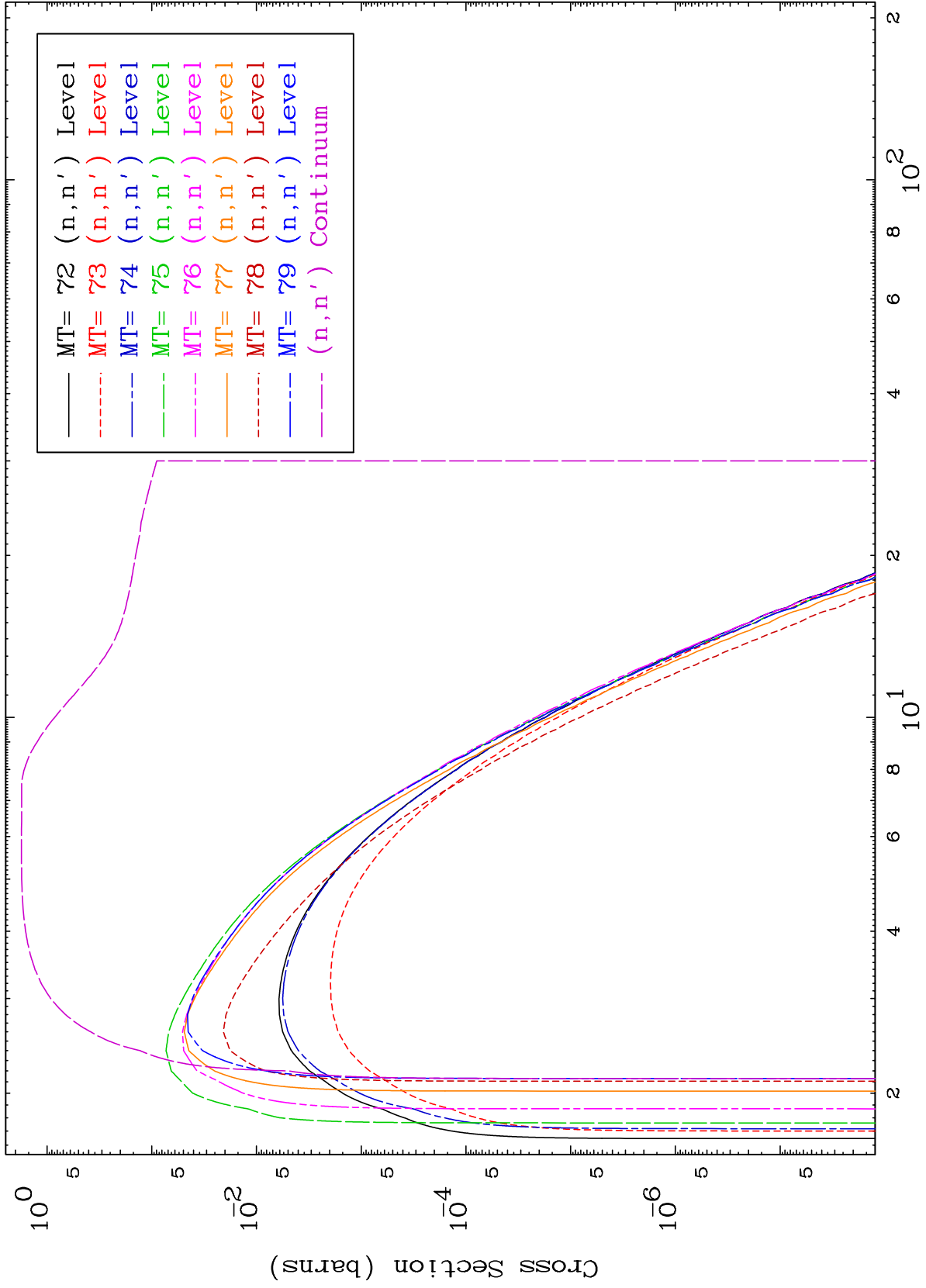
293 Kelvin Cross Sections



Incident Energy (MeV)

36-Kr-83

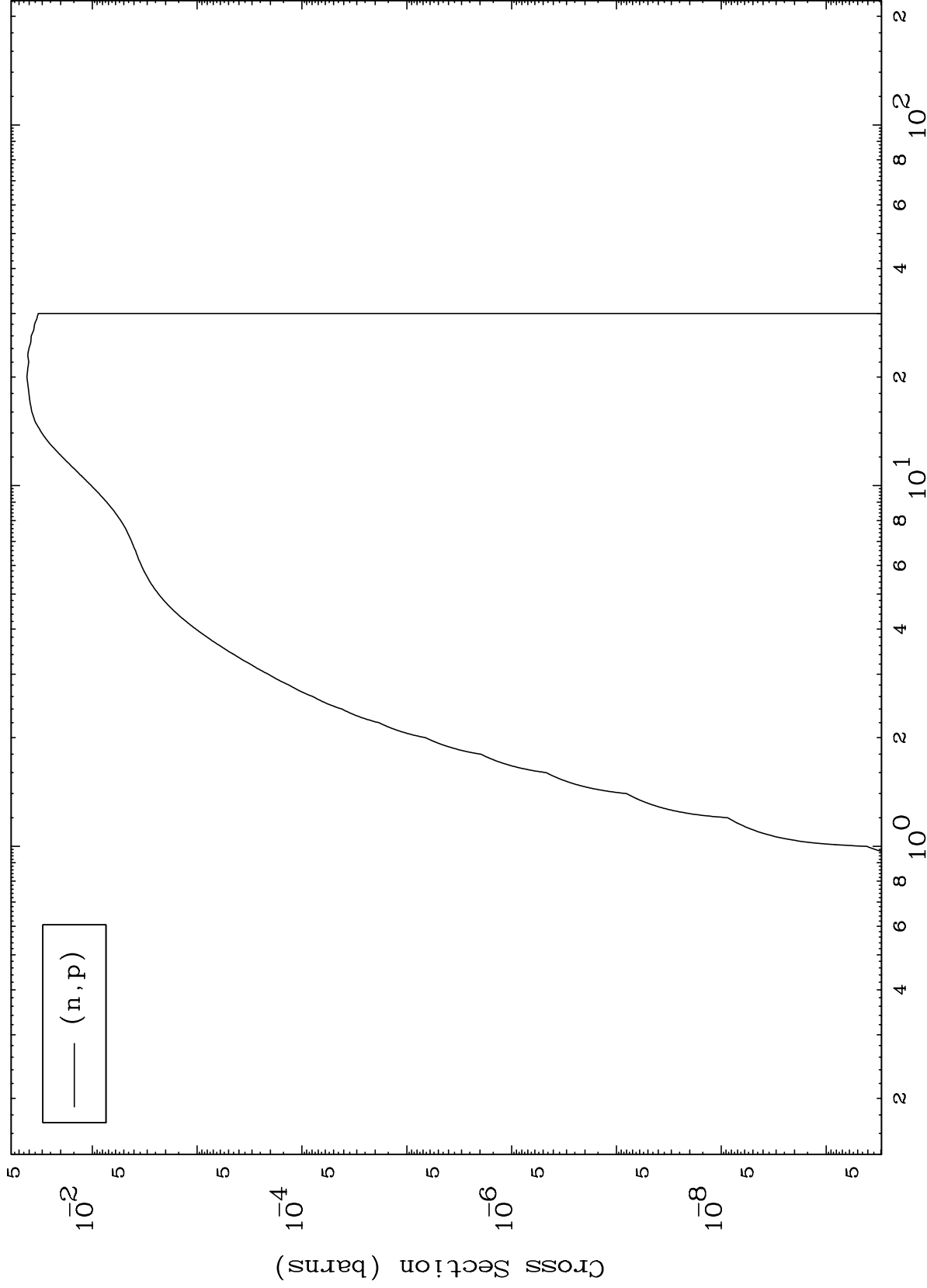
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

36-Kr-83



10

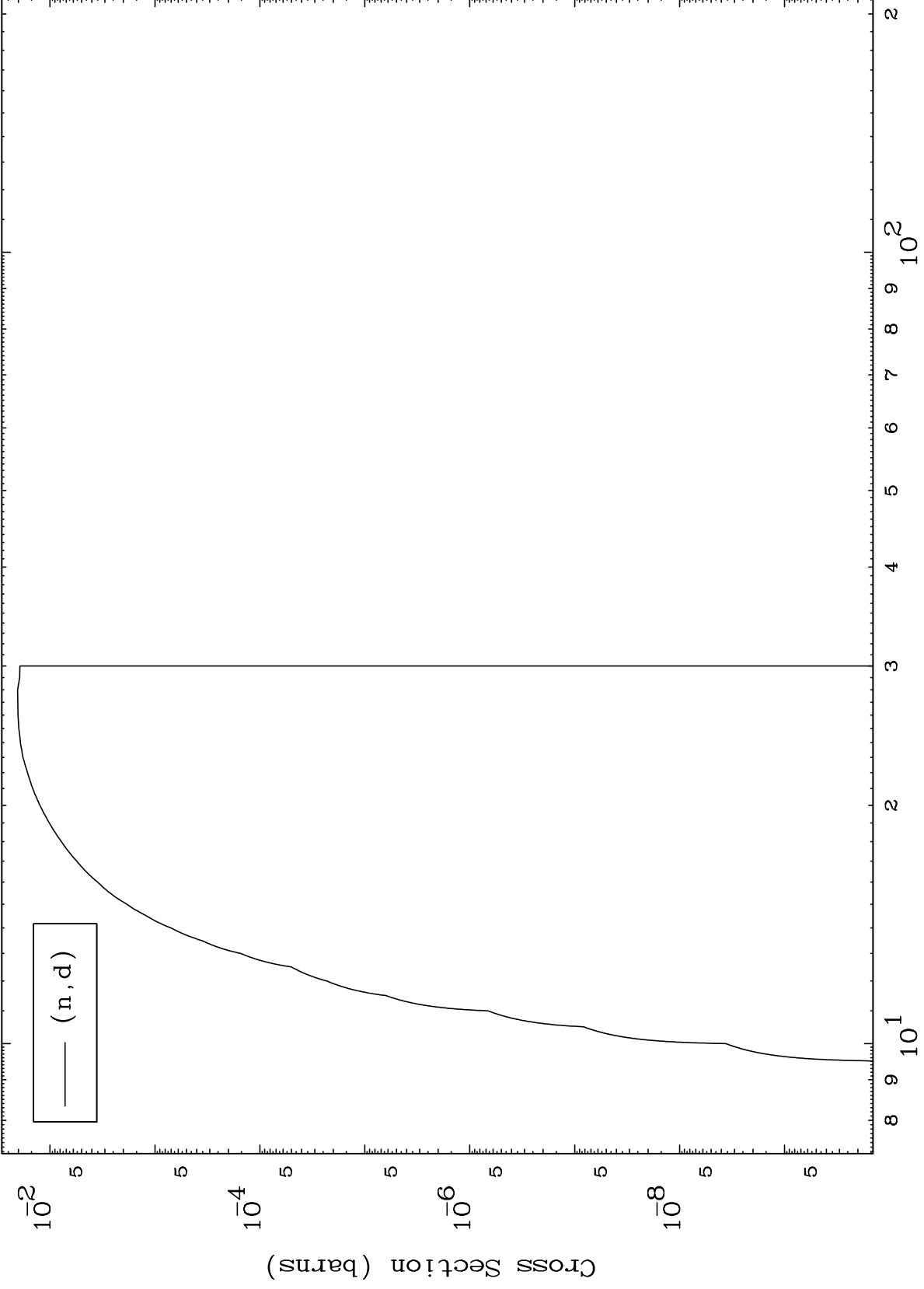
Incident Energy (MeV)

36-Kr-83

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(n,d) Levels
293 Kelvin Cross Sections

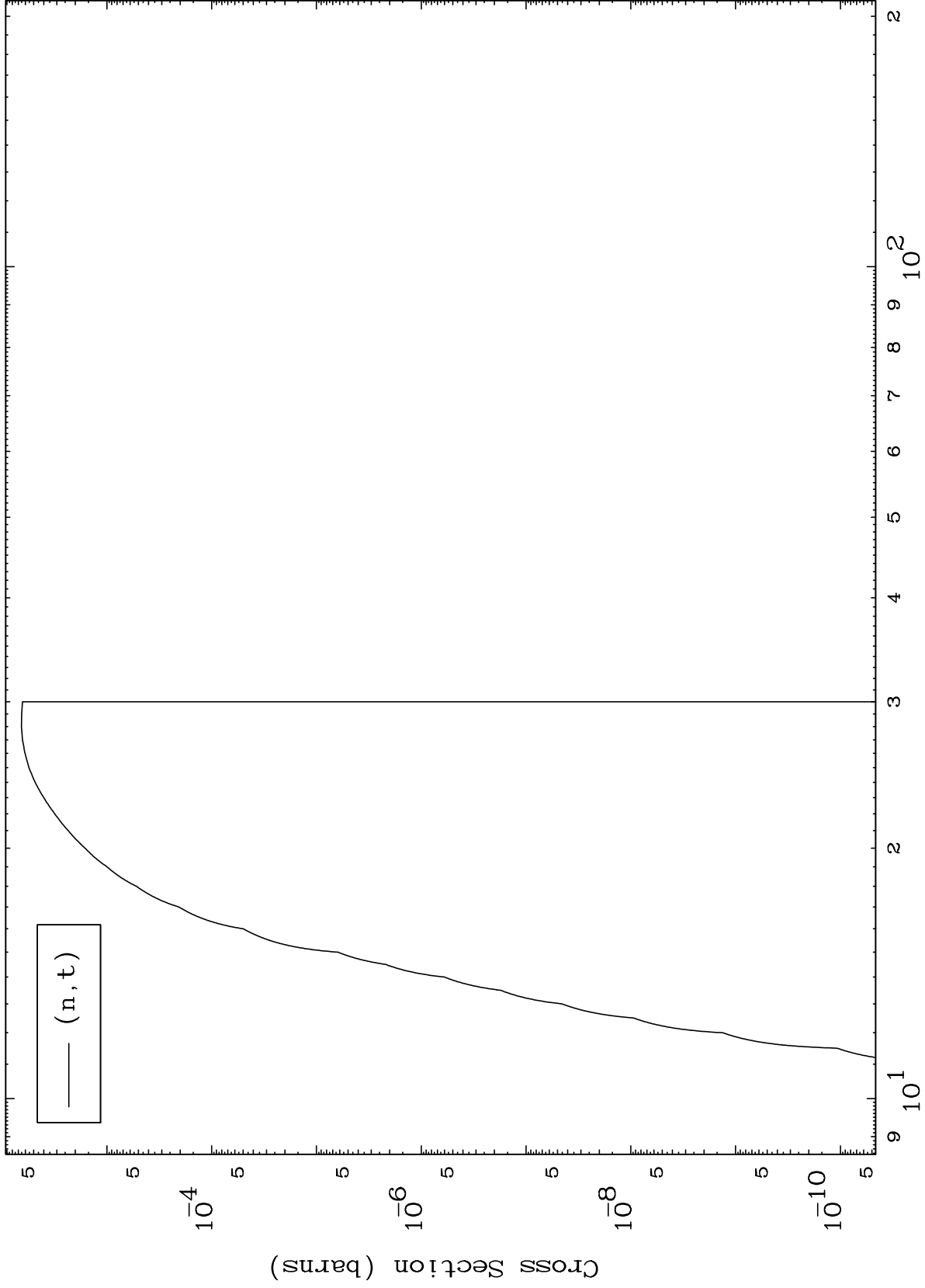
36-Kr-83



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(n,t) Levels
293 Kelvin Cross Sections

36-Kr-83



12

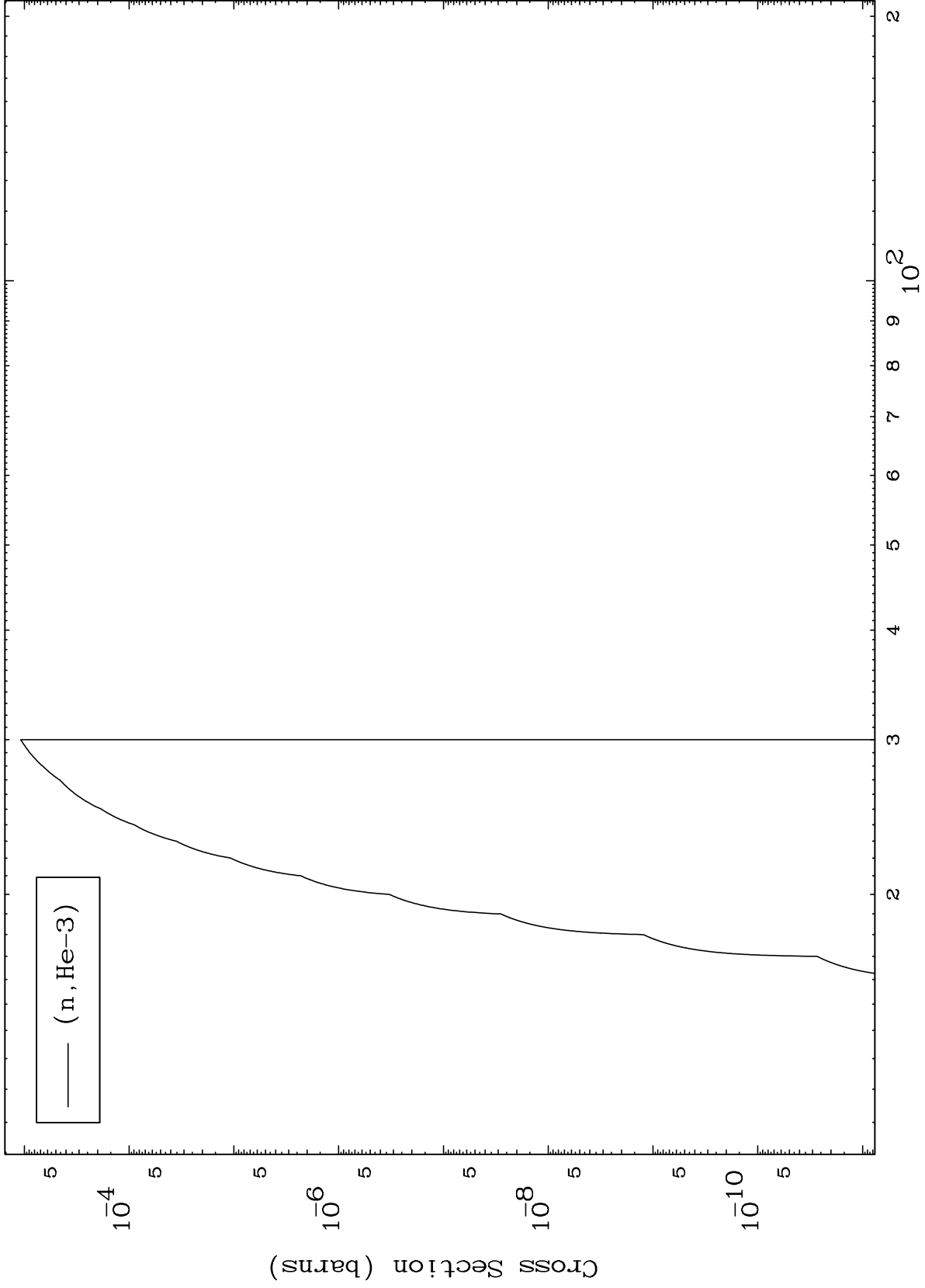
Incident Energy (MeV)

36-Kr-83

MAT 3641

(n,He3) Levels
293 Kelvin Cross Sections

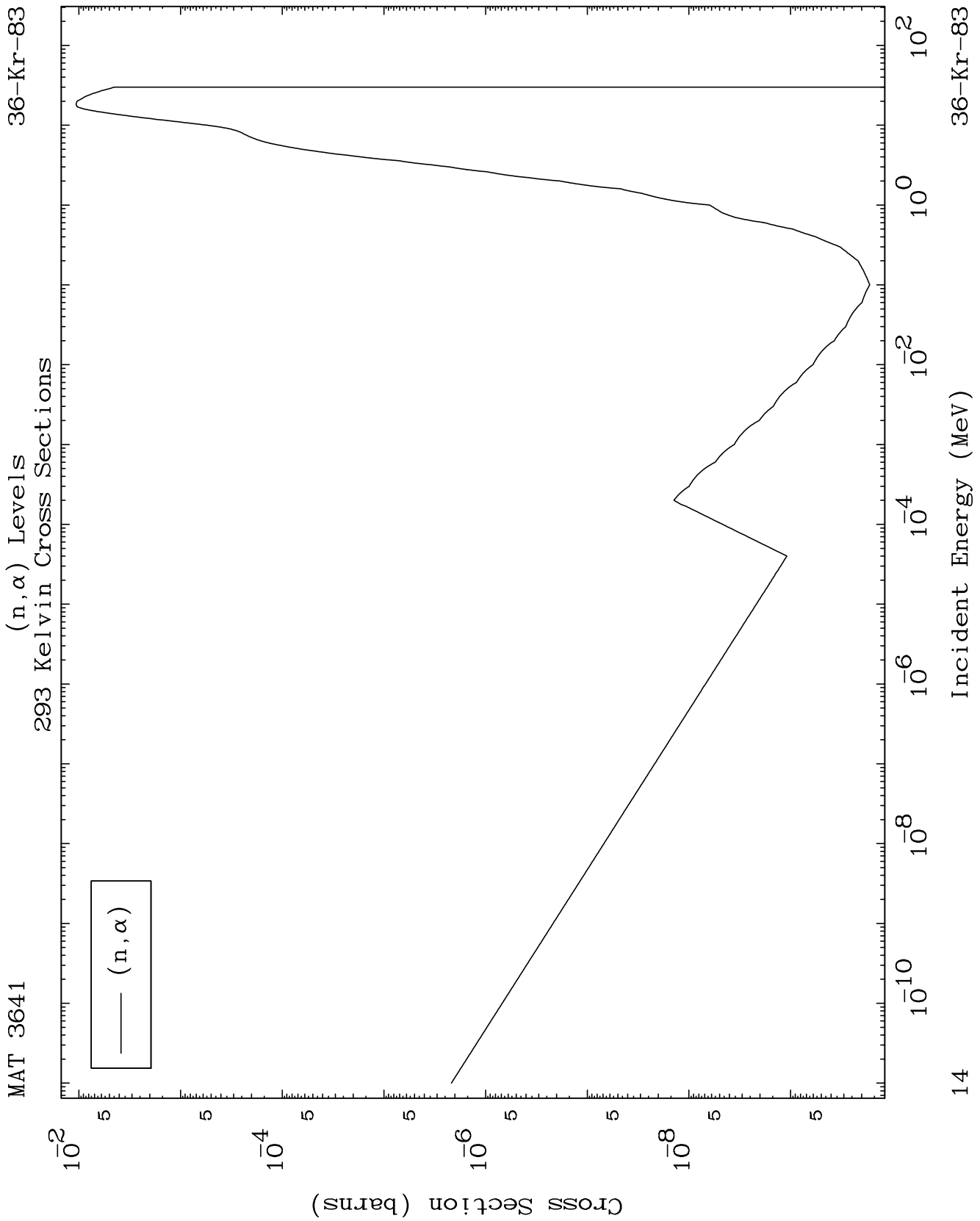
36-Kr-83

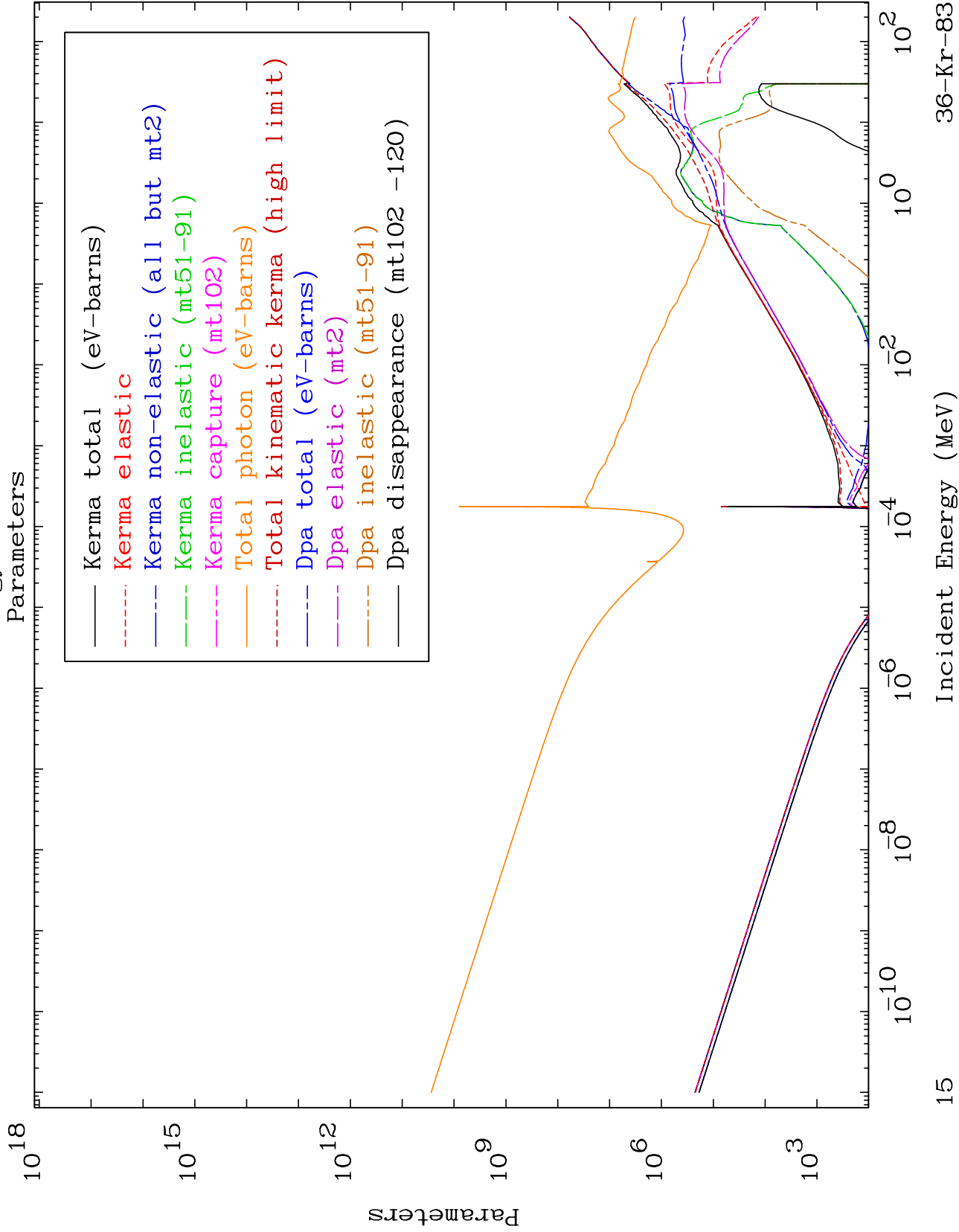


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Incident Energy (MeV)

36-Kr-83

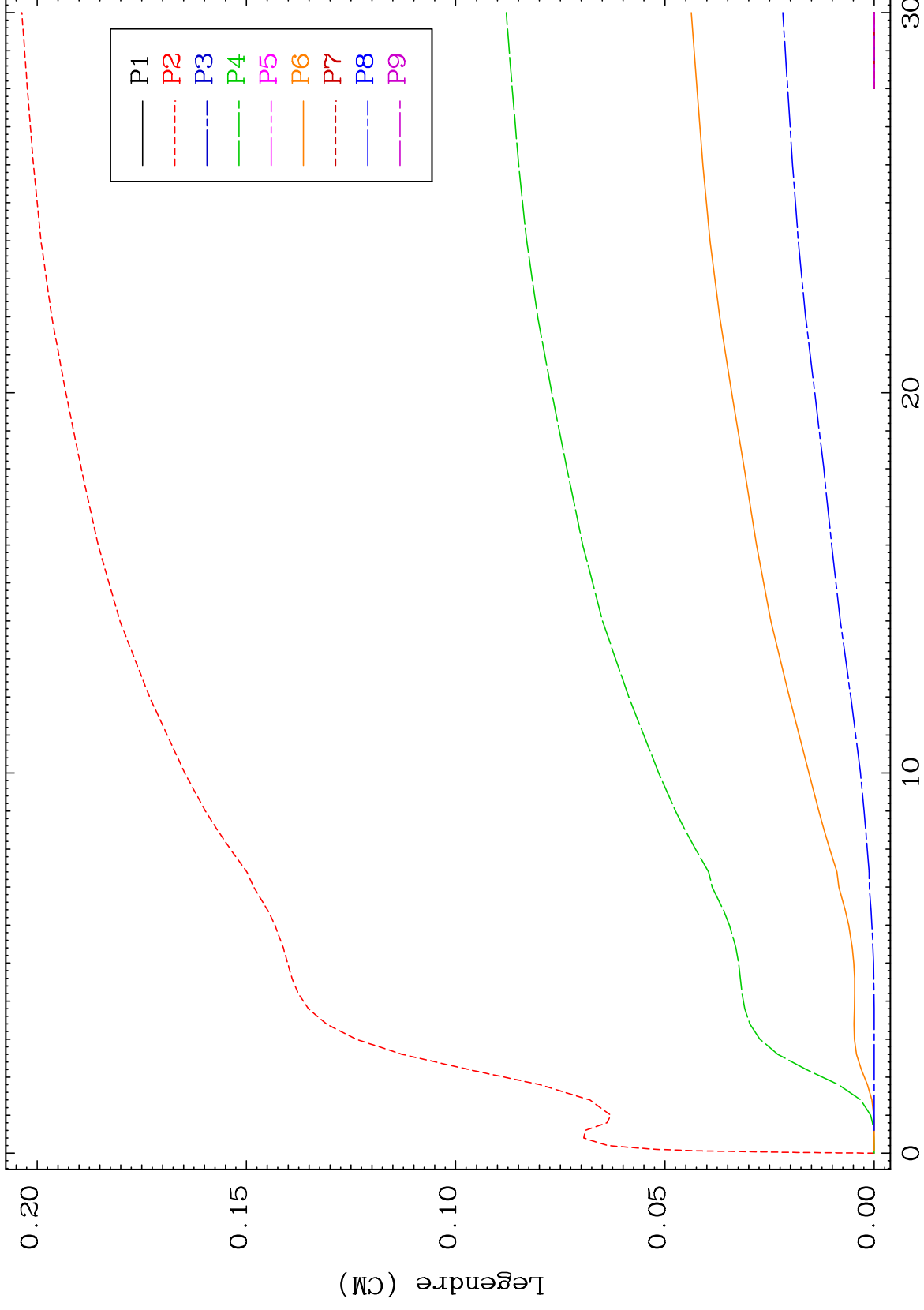




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Elastic Legendre Coefficients

³⁶Kr-83



16

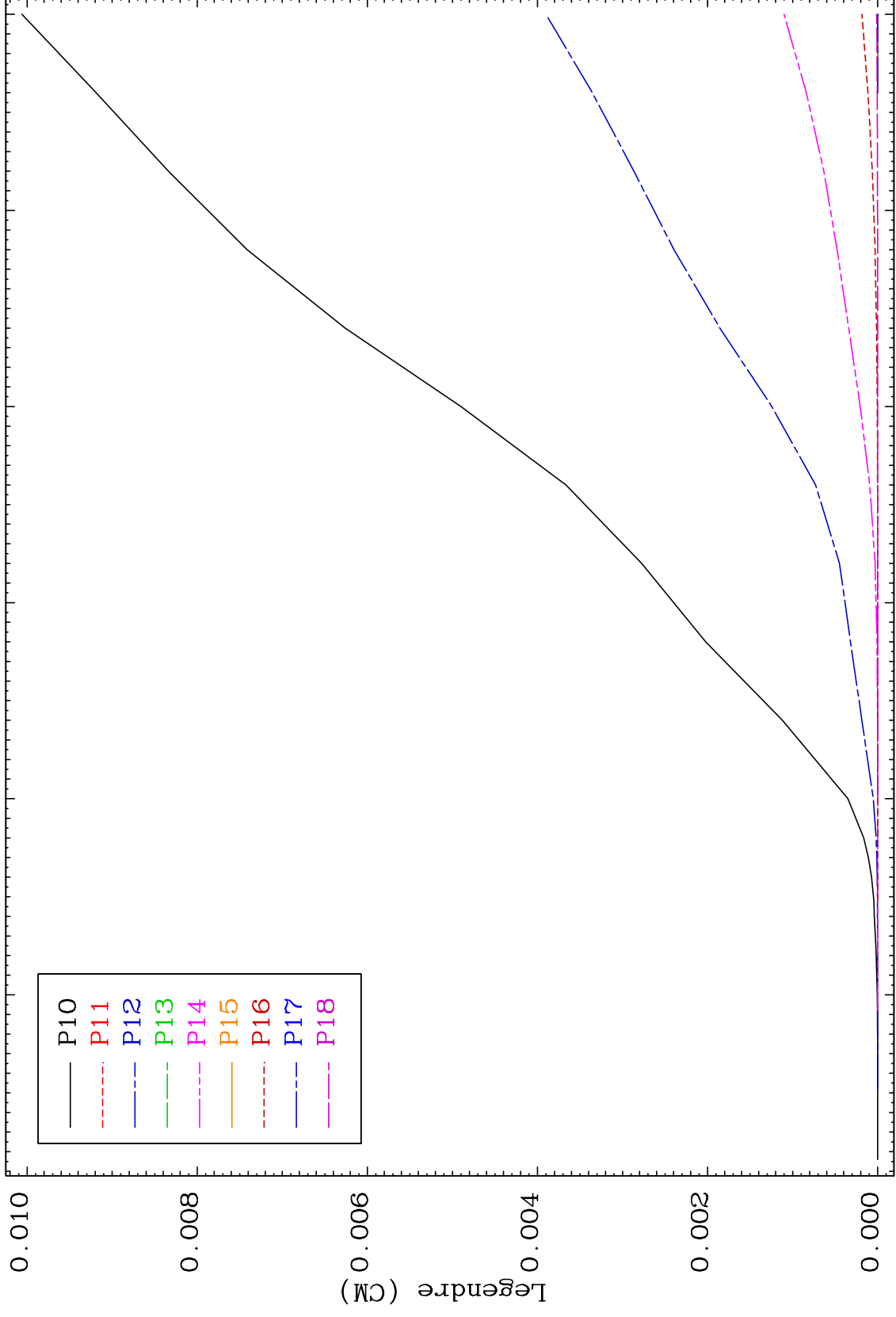
Incident Energy (MeV)

³⁶Kr-83

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Elastic Legendre Coefficients

36-Kr-83



17

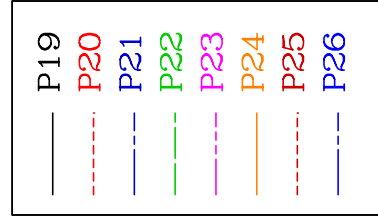
Incident Energy (MeV)

36-Kr-83

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Elastic Legendre Coefficients

36-Kr-83



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

25

30

18

Incident Energy (MeV)

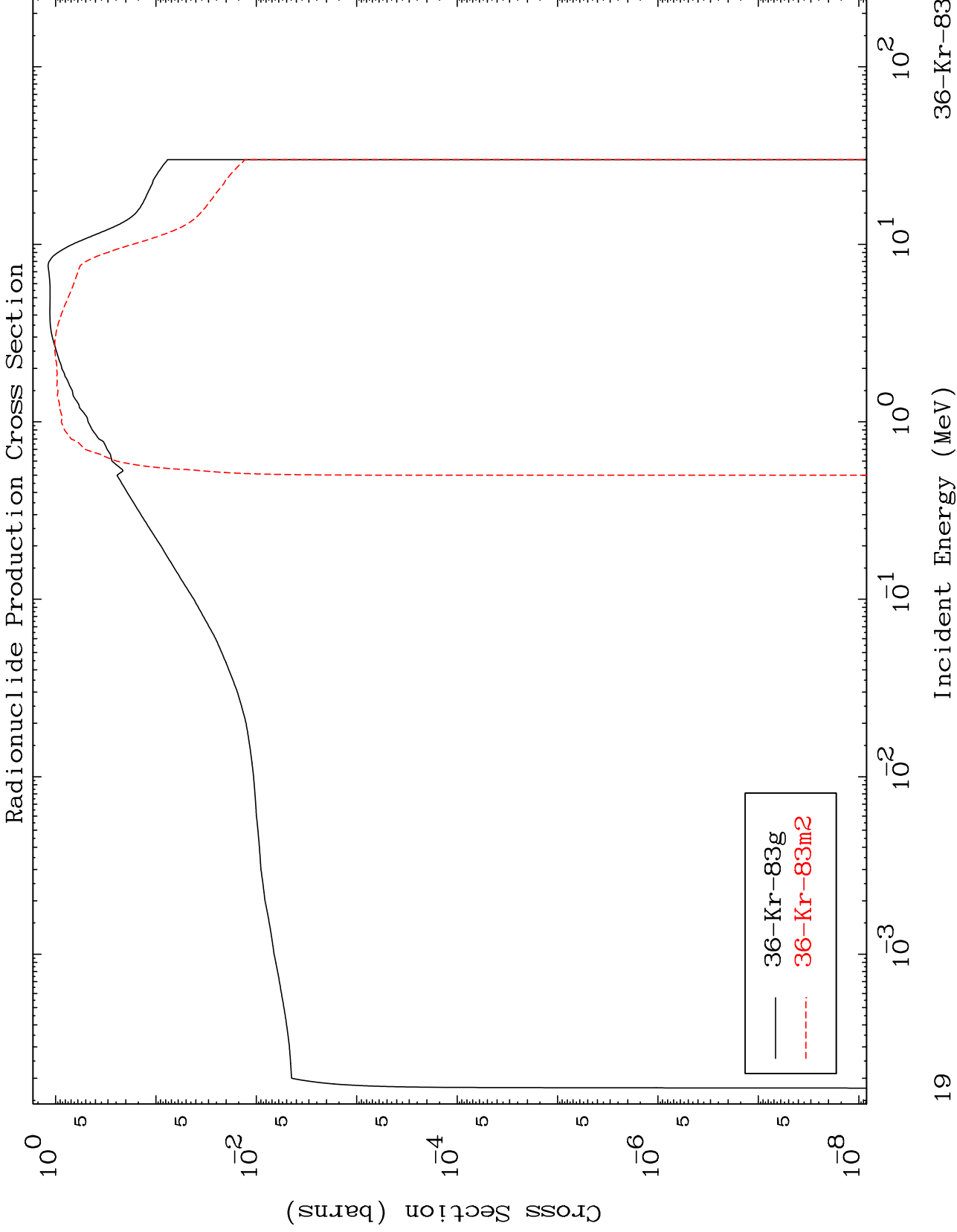
36-Kr-83



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36-Kr-83

Inelastic
Radionuclide Production Cross Section

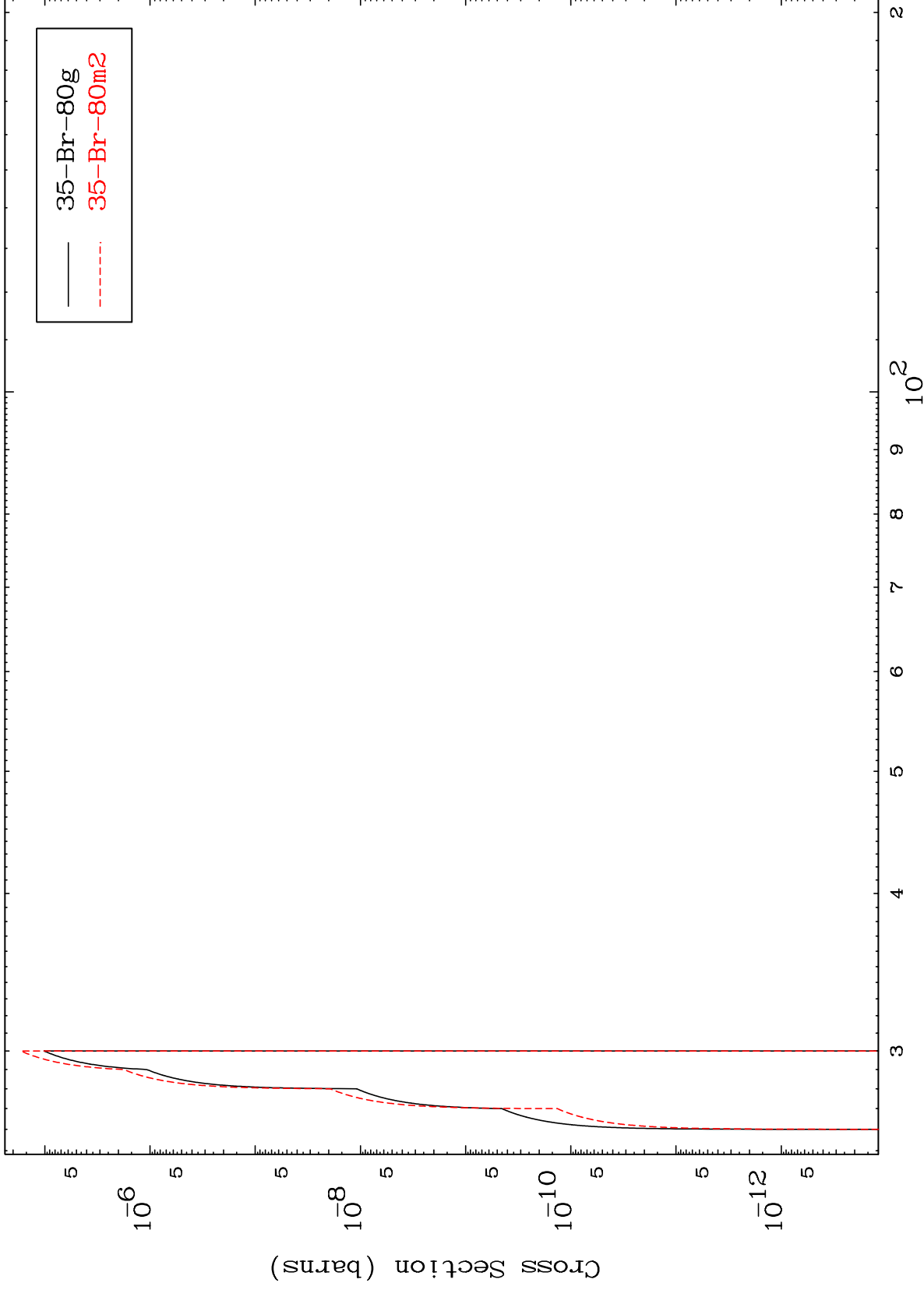


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(n,2n) d

36-Kr-83

Radionuclide Production Cross Section



20

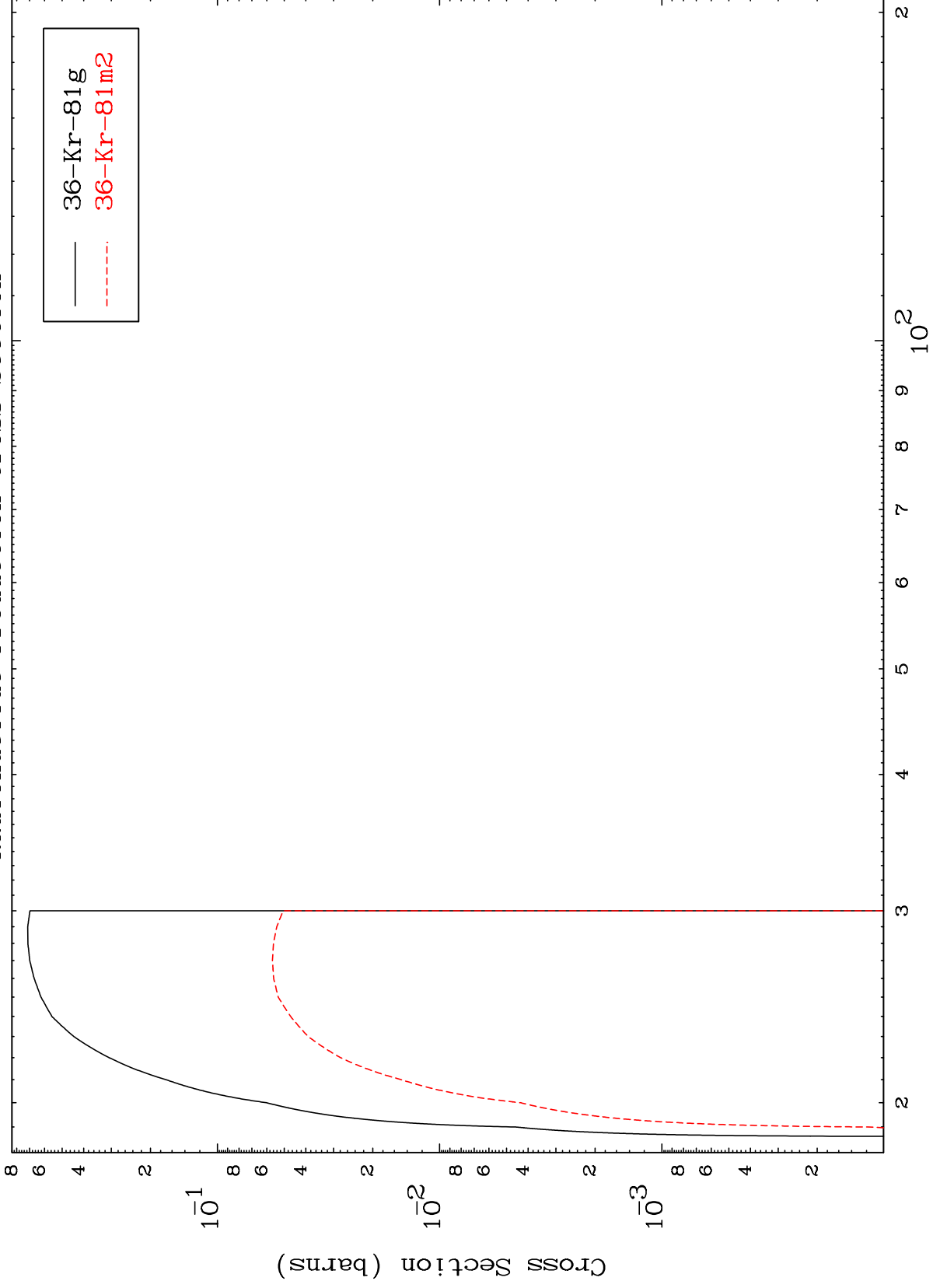
Incident Energy (MeV)

36-Kr-83

MAT 3641

36-Kr-83

(n,3n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

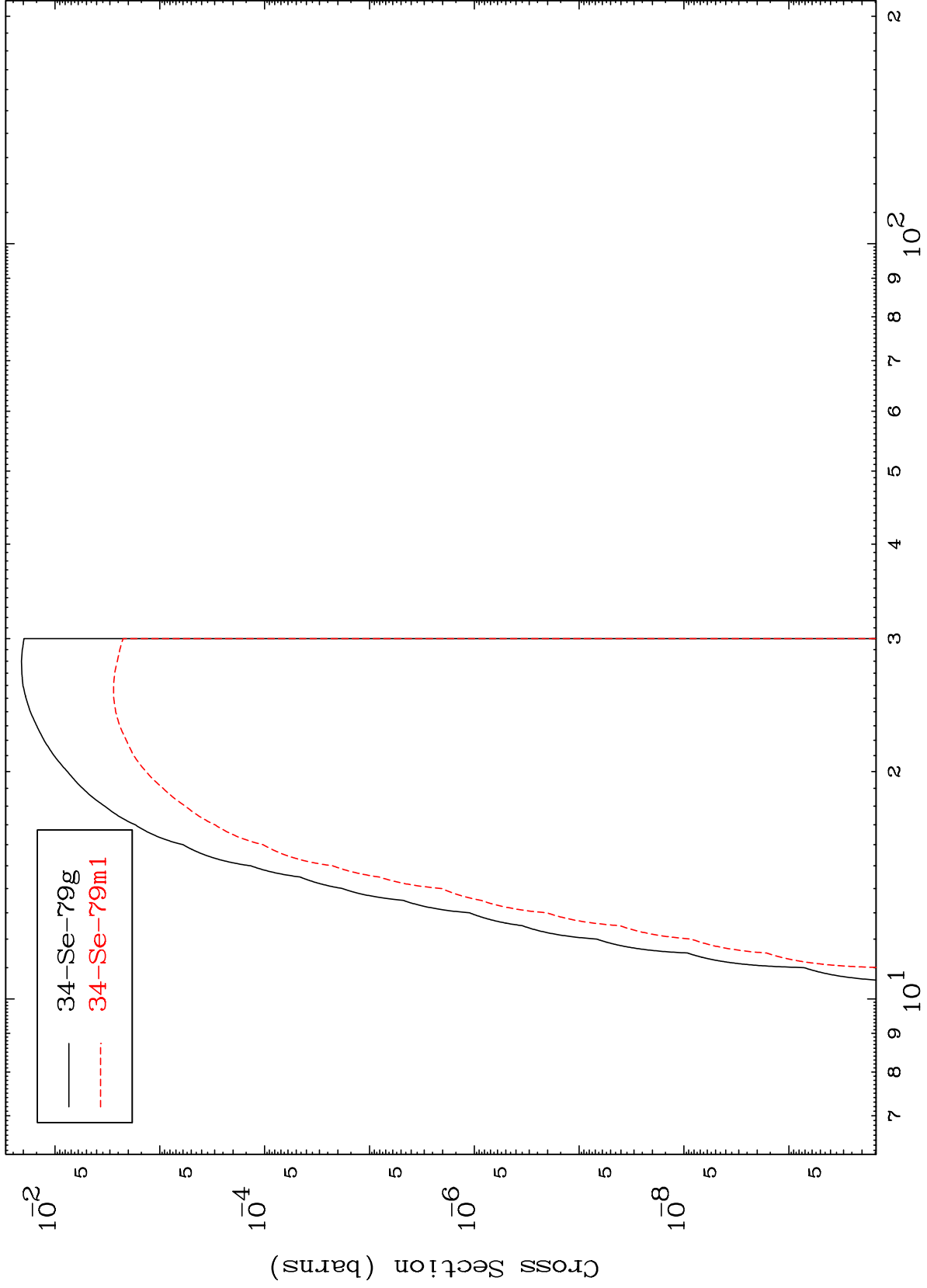
36-Kr-83

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$(n, n') \alpha$

36-Kr-83

Radionuclide Production Cross Section



22

Incident Energy (MeV)

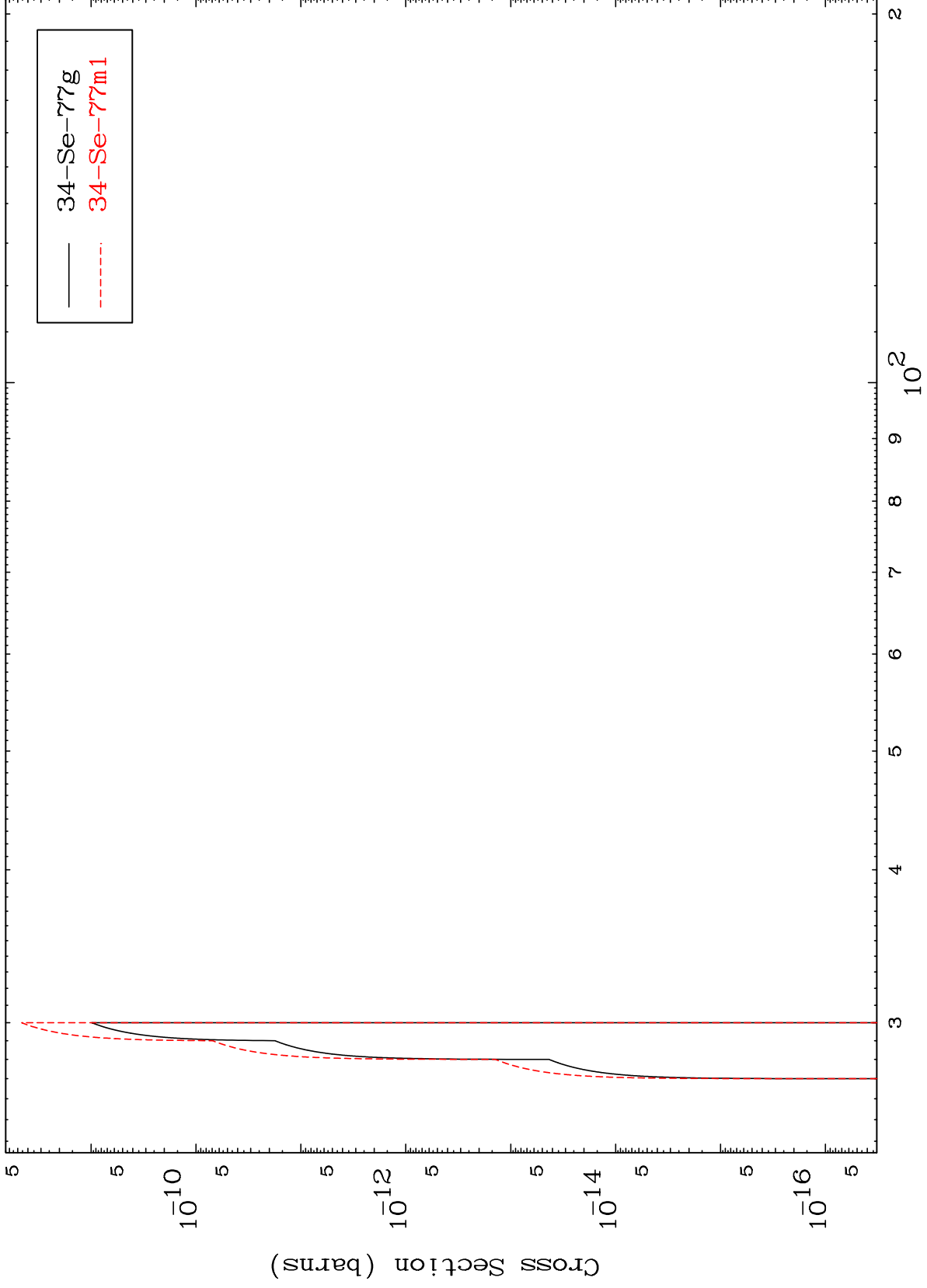
36-Kr-83

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(n,3n) α

36-Kr-83

Radionuclide Production Cross Section



23

Incident Energy (MeV)

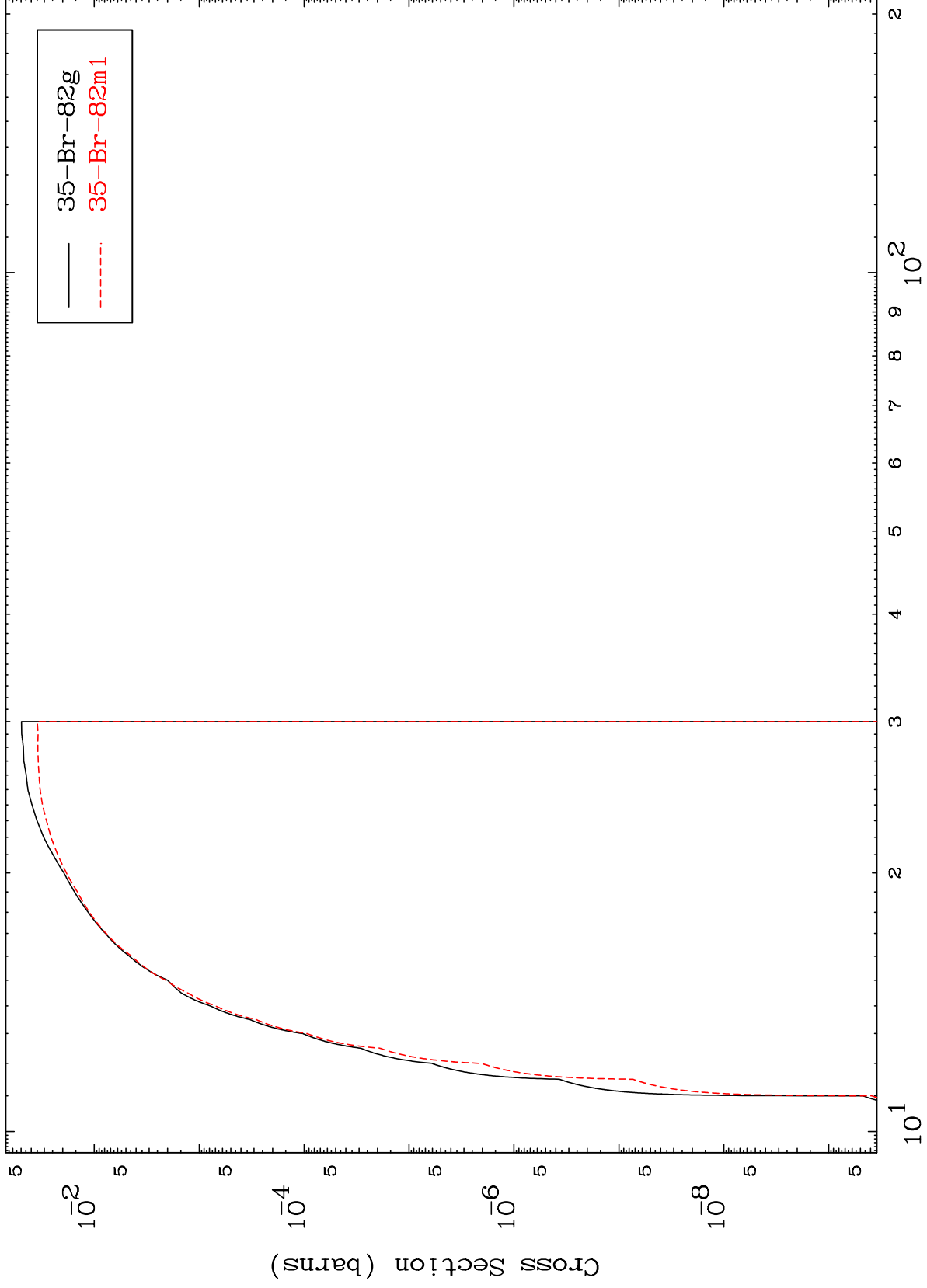
36-Kr-83

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(n,n') p

36-Kr-83

Radionuclide Production Cross Section



24

Incident Energy (MeV)

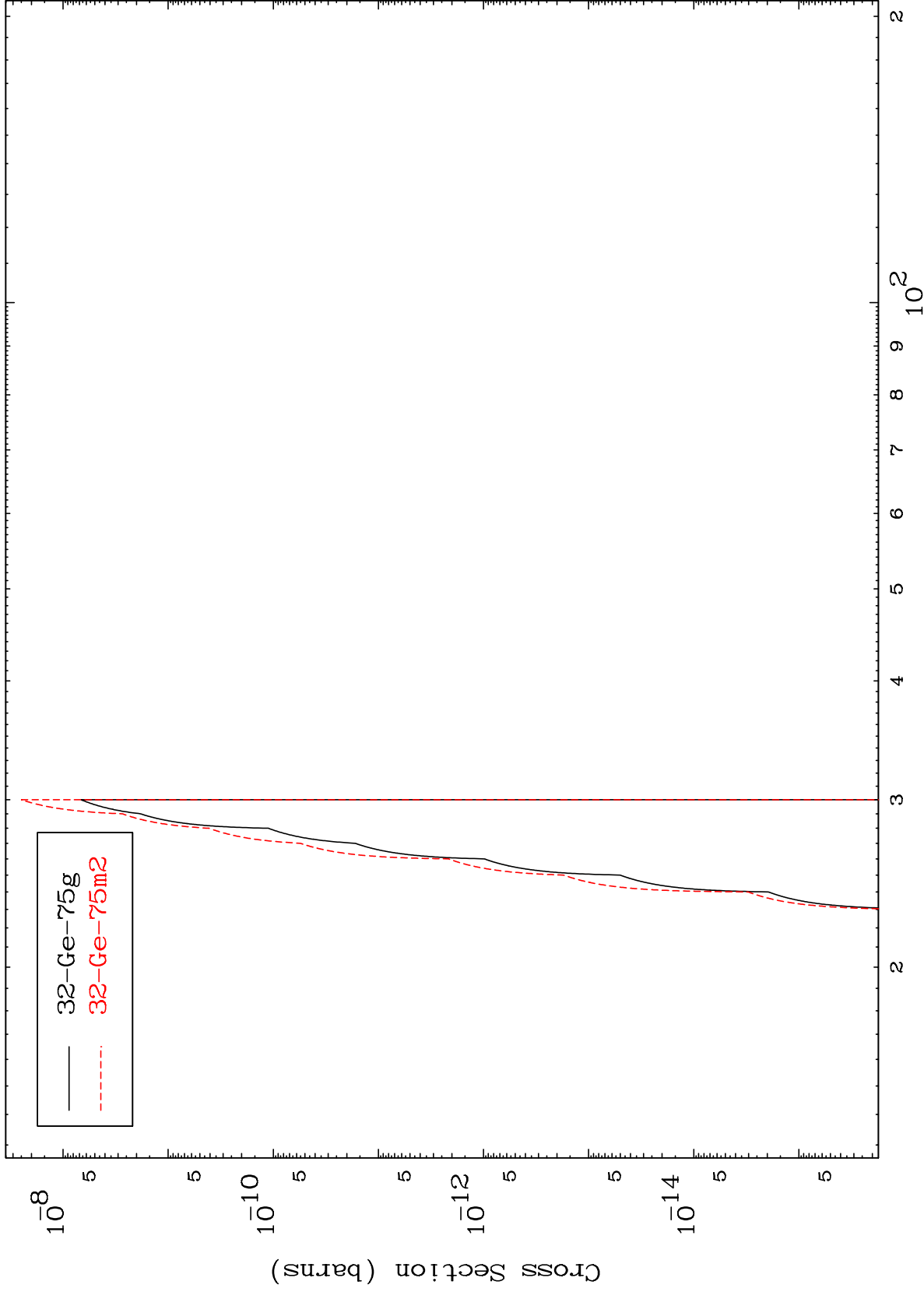
36-Kr-83

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(n,n') 2α

36-Kr-83

Radionuclide Production Cross Section



25

Incident Energy (MeV)

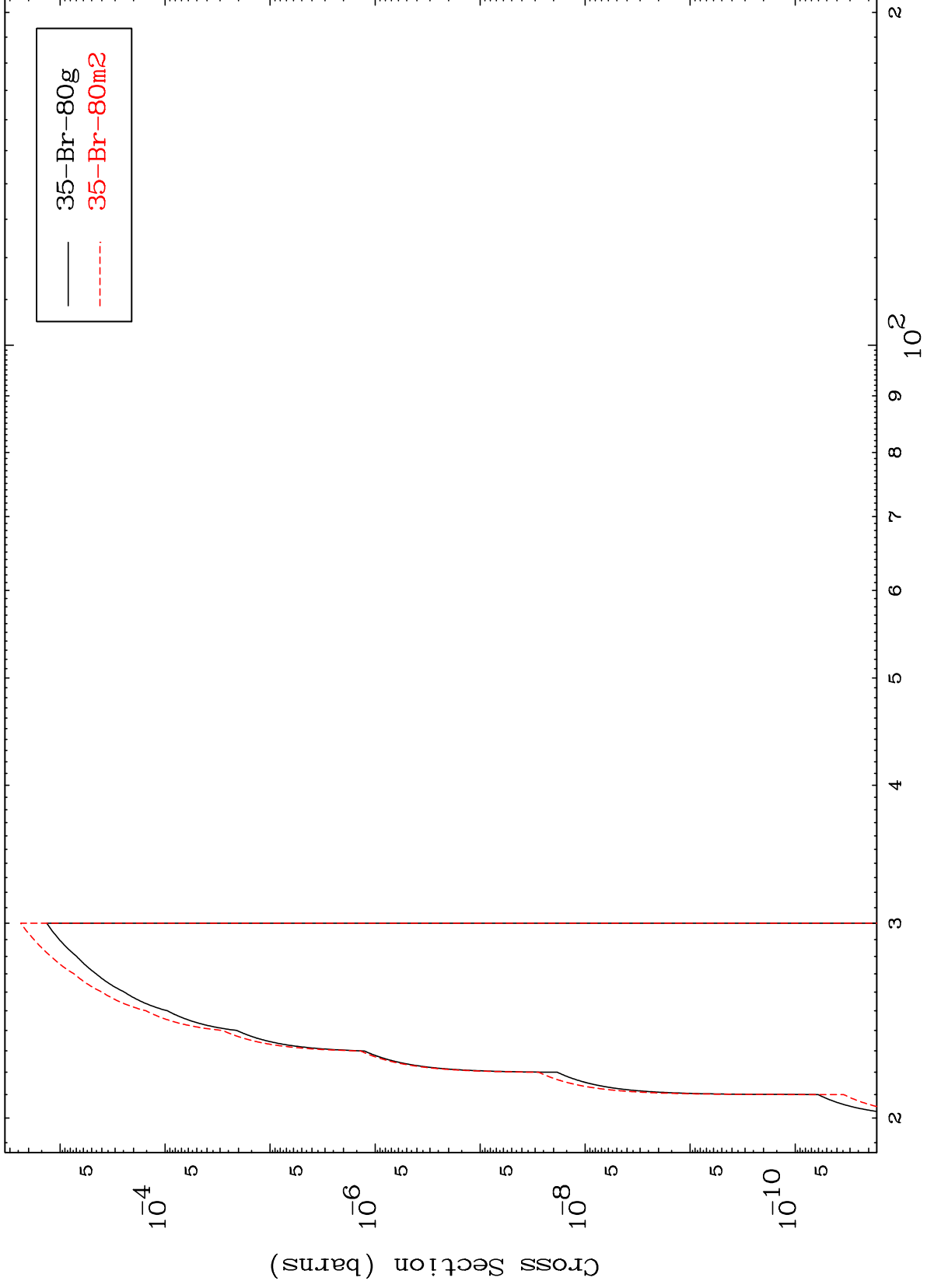
36-Kr-83

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(n,n') t

36-Kr-83

Radionuclide Production Cross Section



26

Incident Energy (MeV)

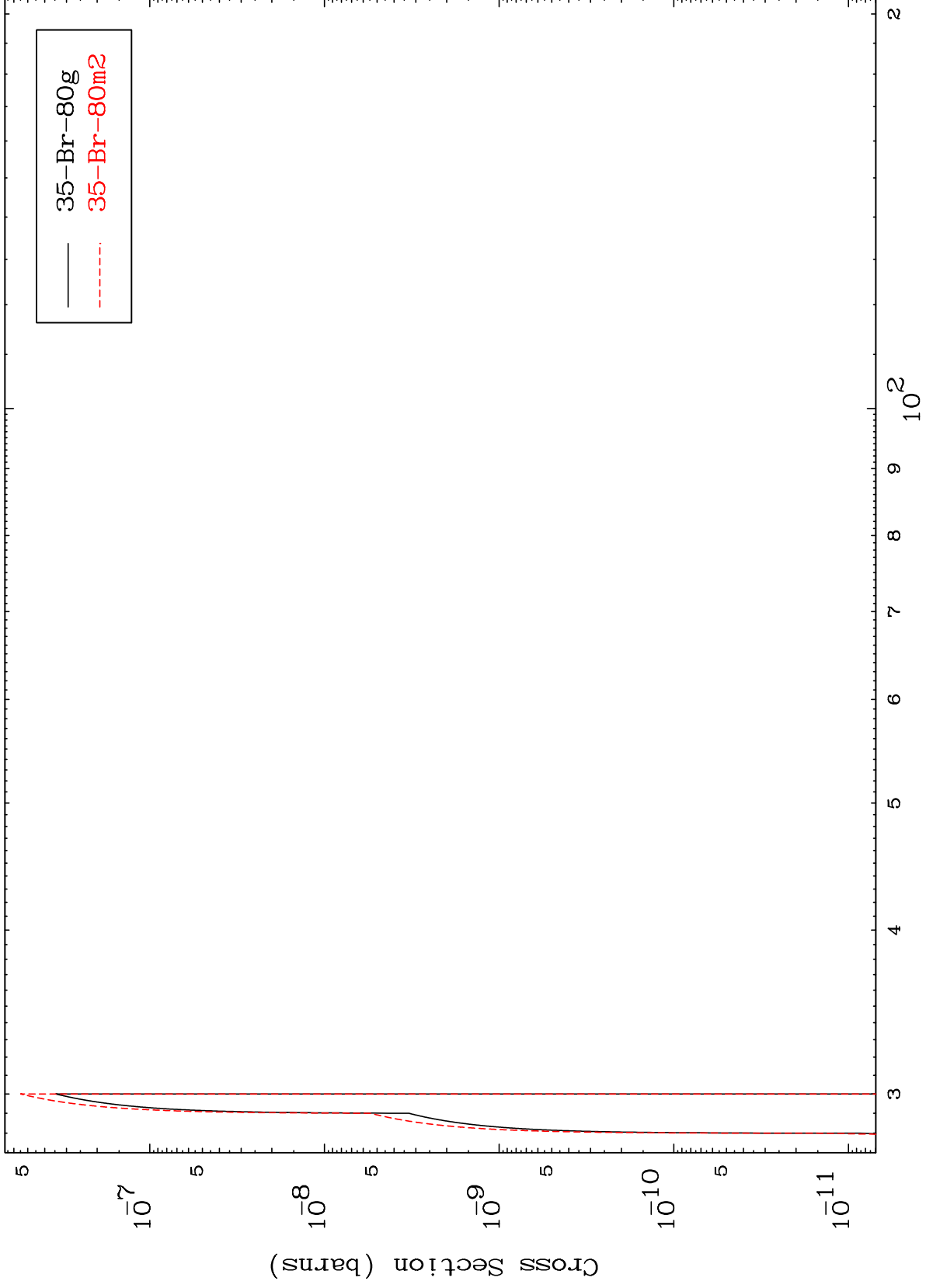
36-Kr-83

MAT 3641

(n,3n) p

36-Kr-83

Radionuclide Production Cross Section

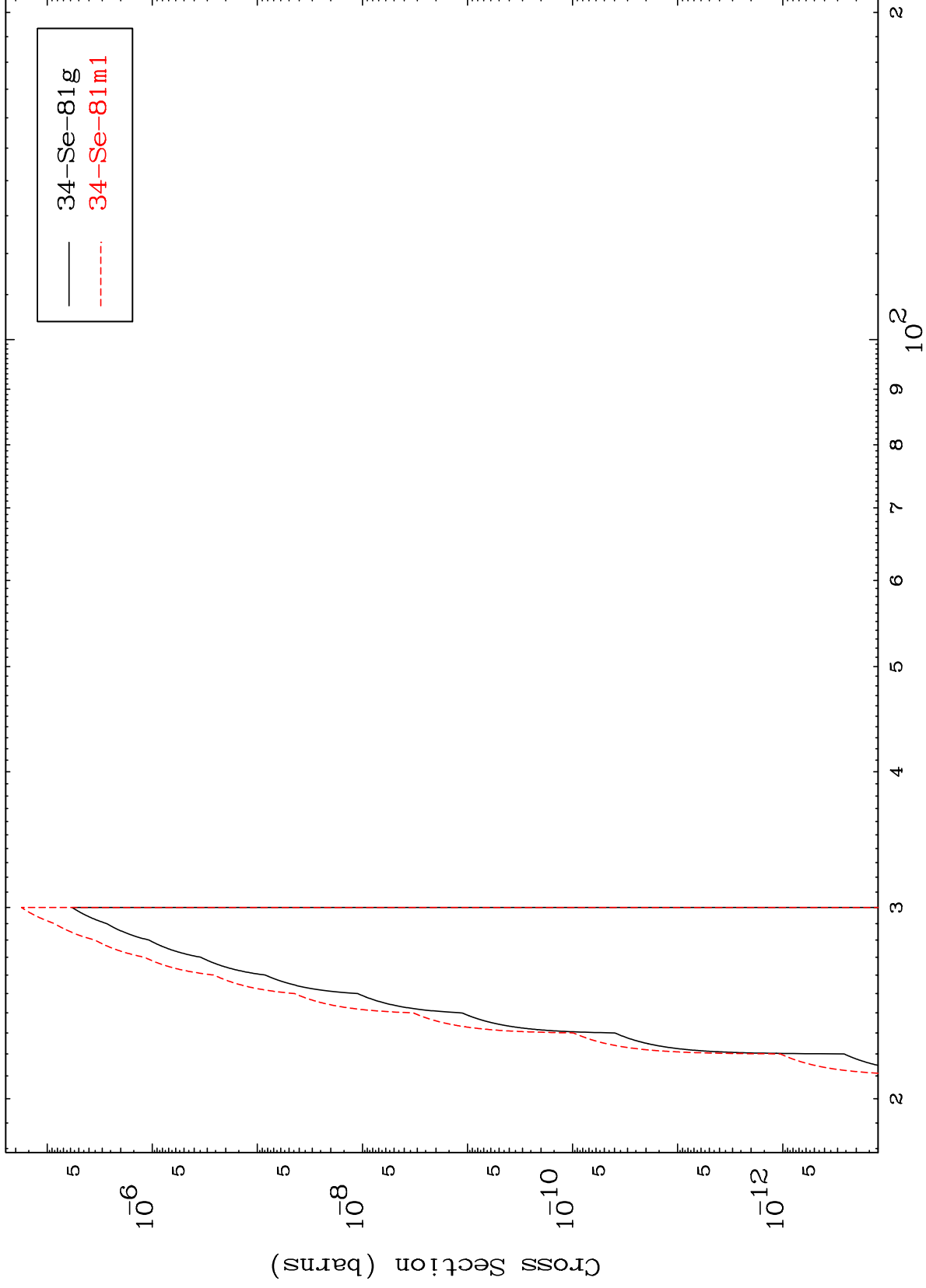


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Incident Energy (MeV)

36-Kr-83

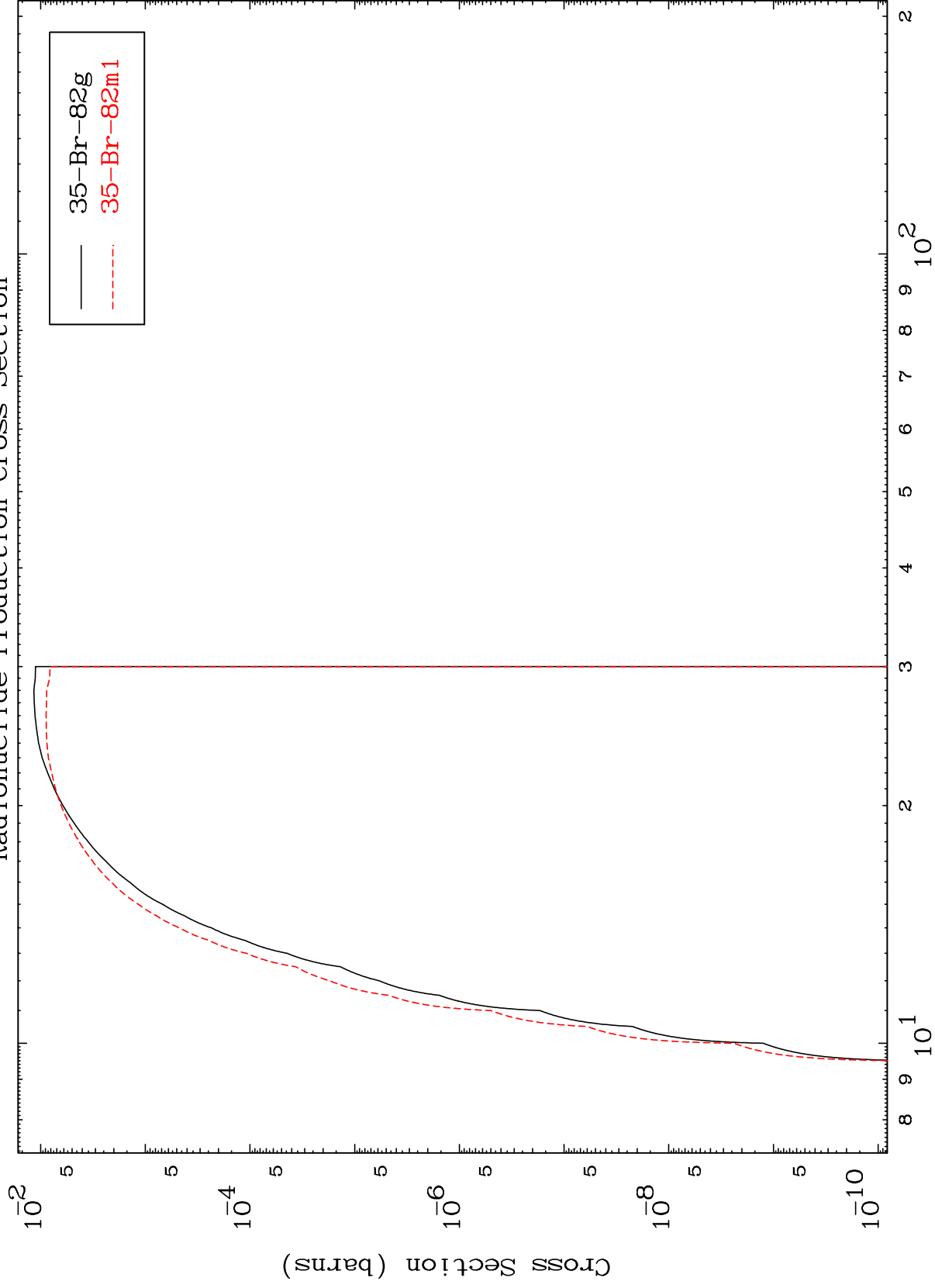
Radionuclide Production Cross Section



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36-Kr-83

(n,d)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

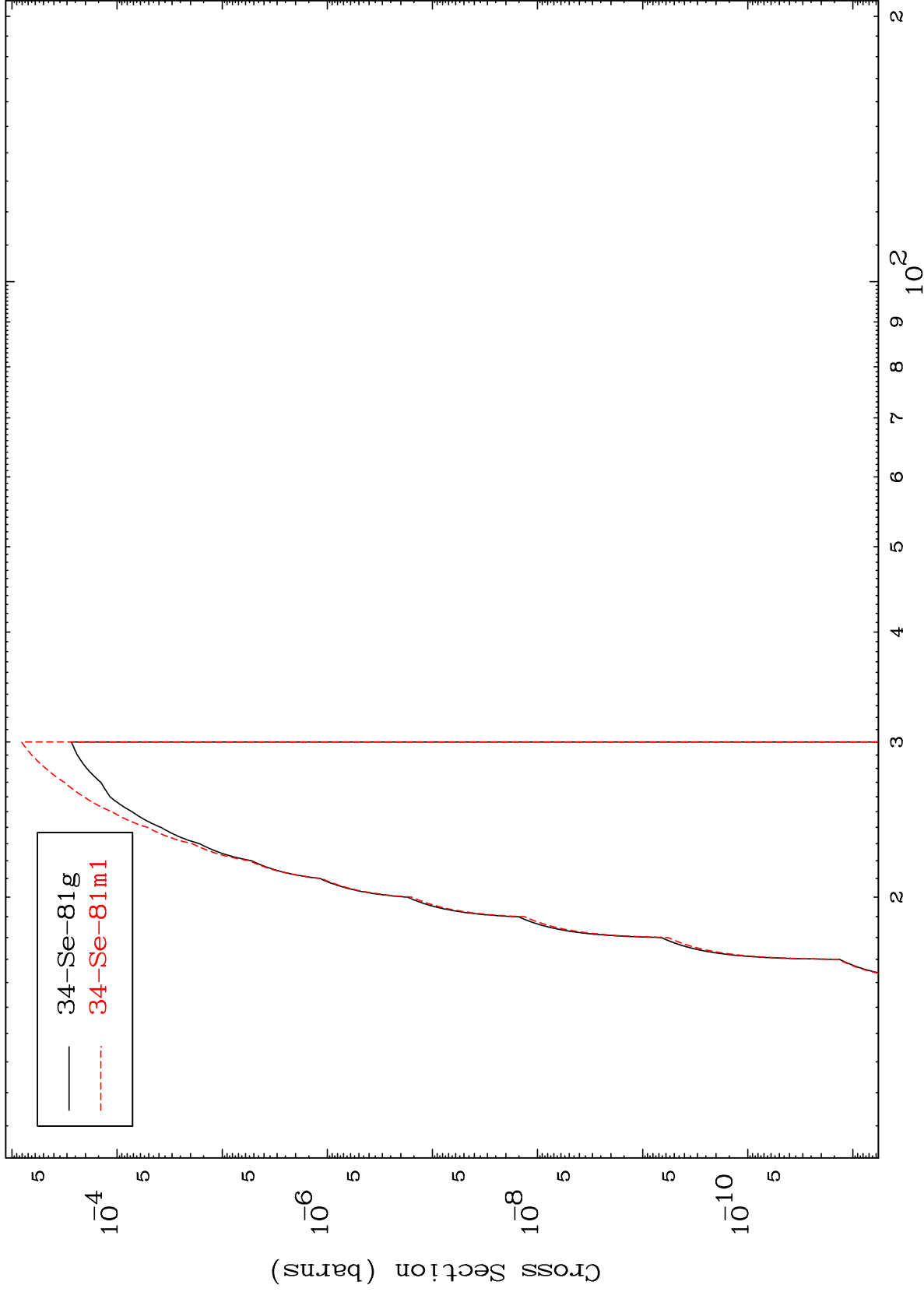
36-Kr-83

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(n,He-3)

36-Kr-83

Radionuclide Production Cross Section



30

Incident Energy (MeV)

36-Kr-83

