

Program EVALPLOT  
(Version 2015-2)

by

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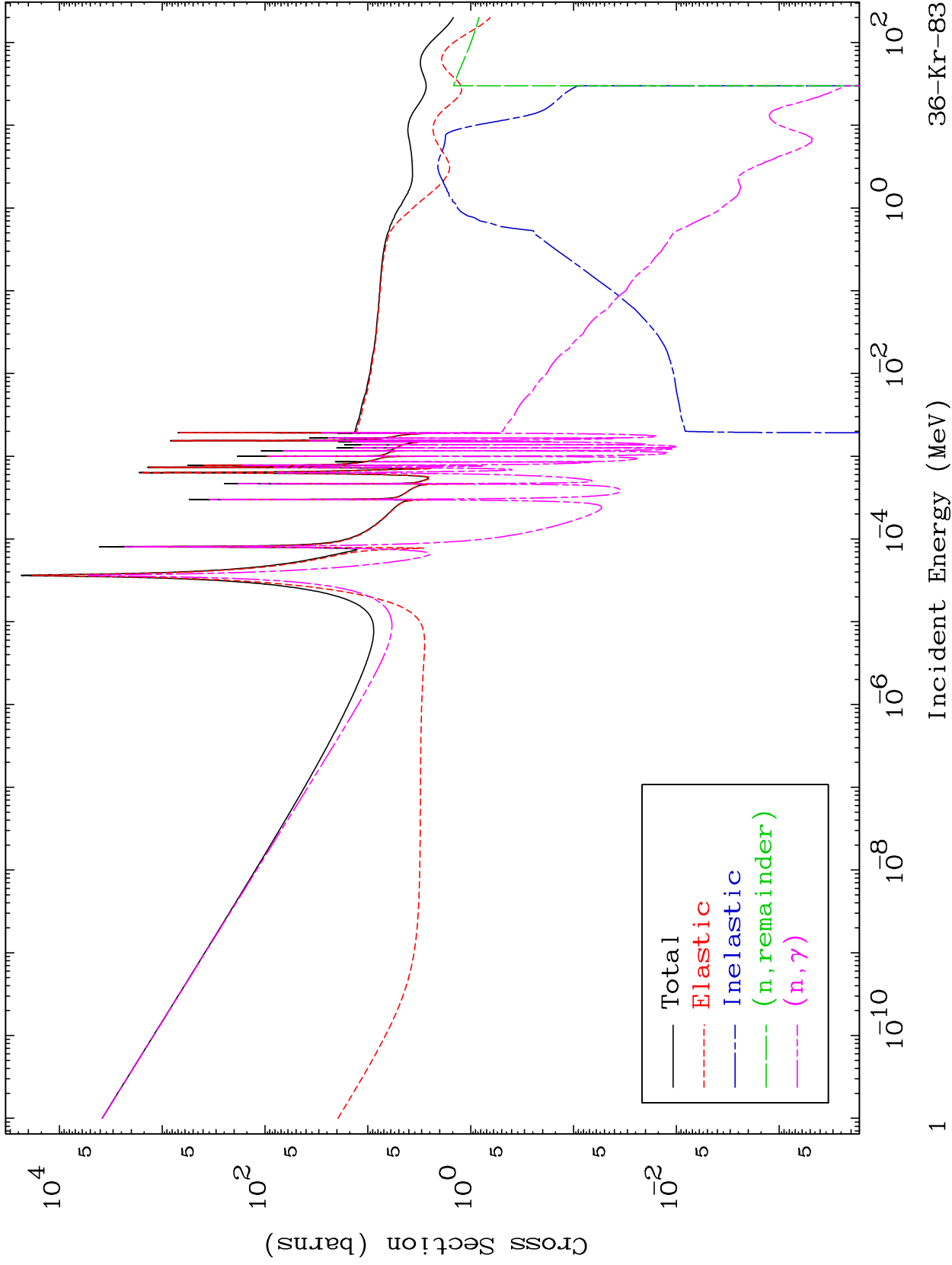
Press Mouse Button to Start

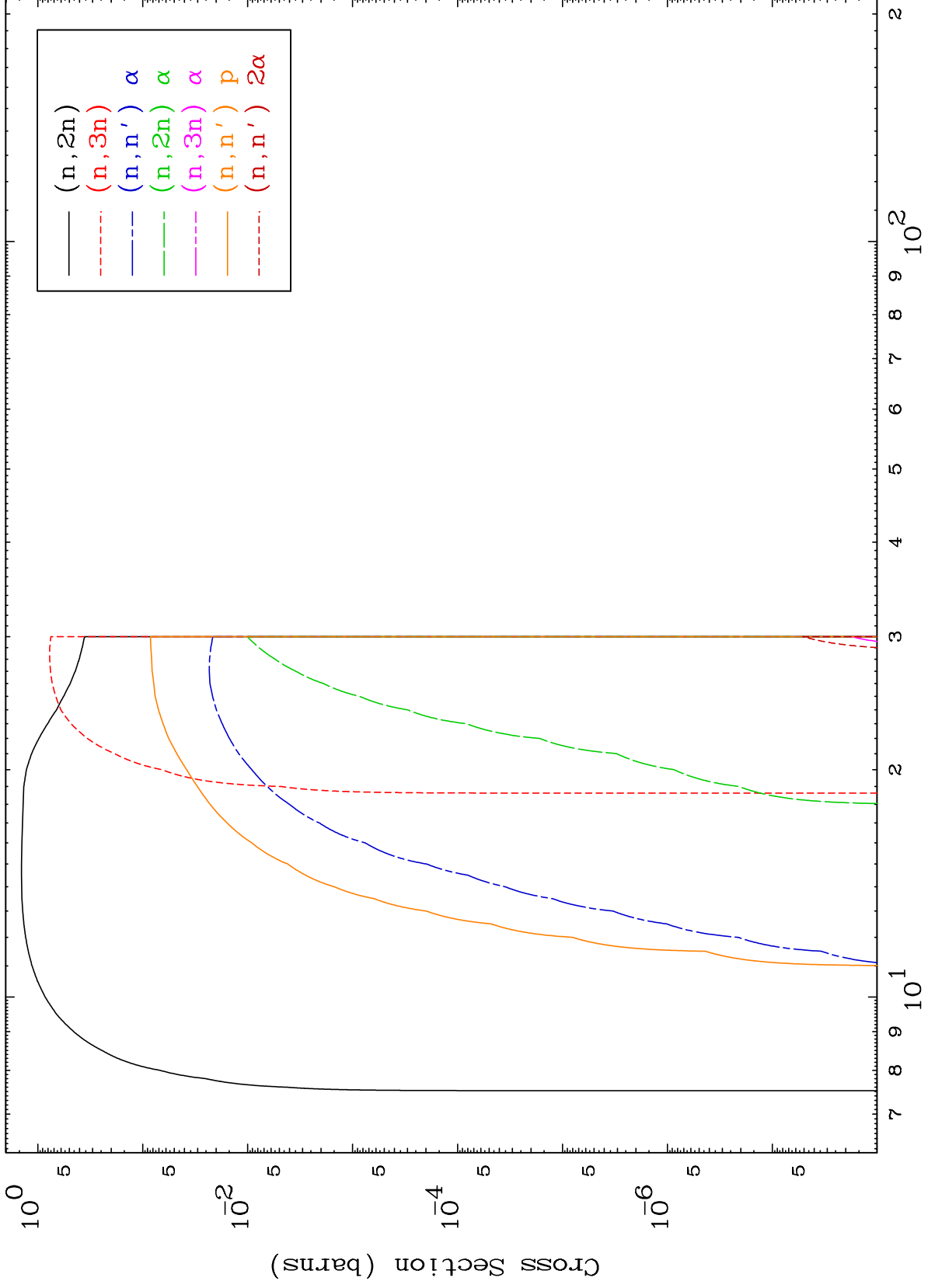
MAT 3641

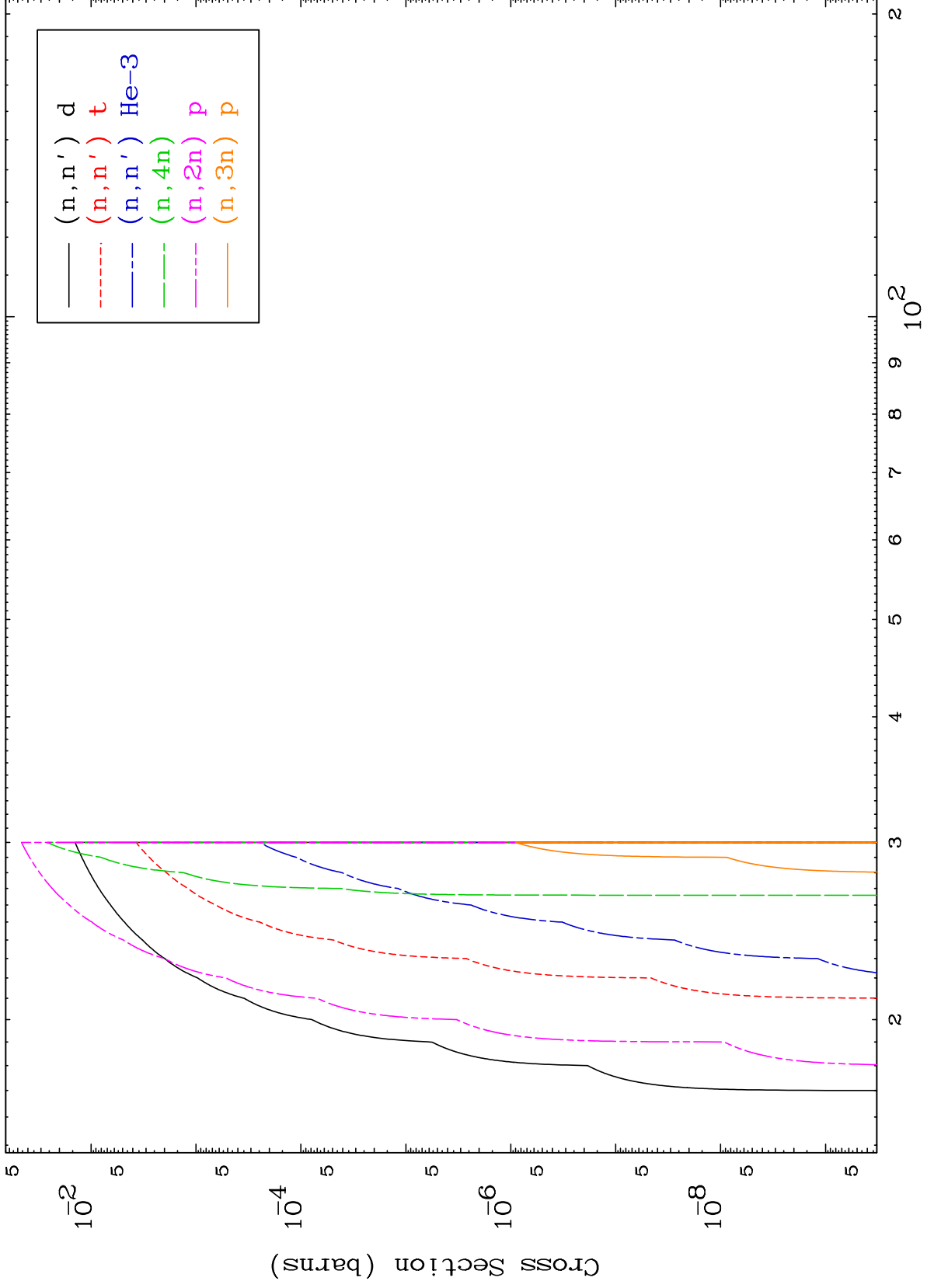
Major

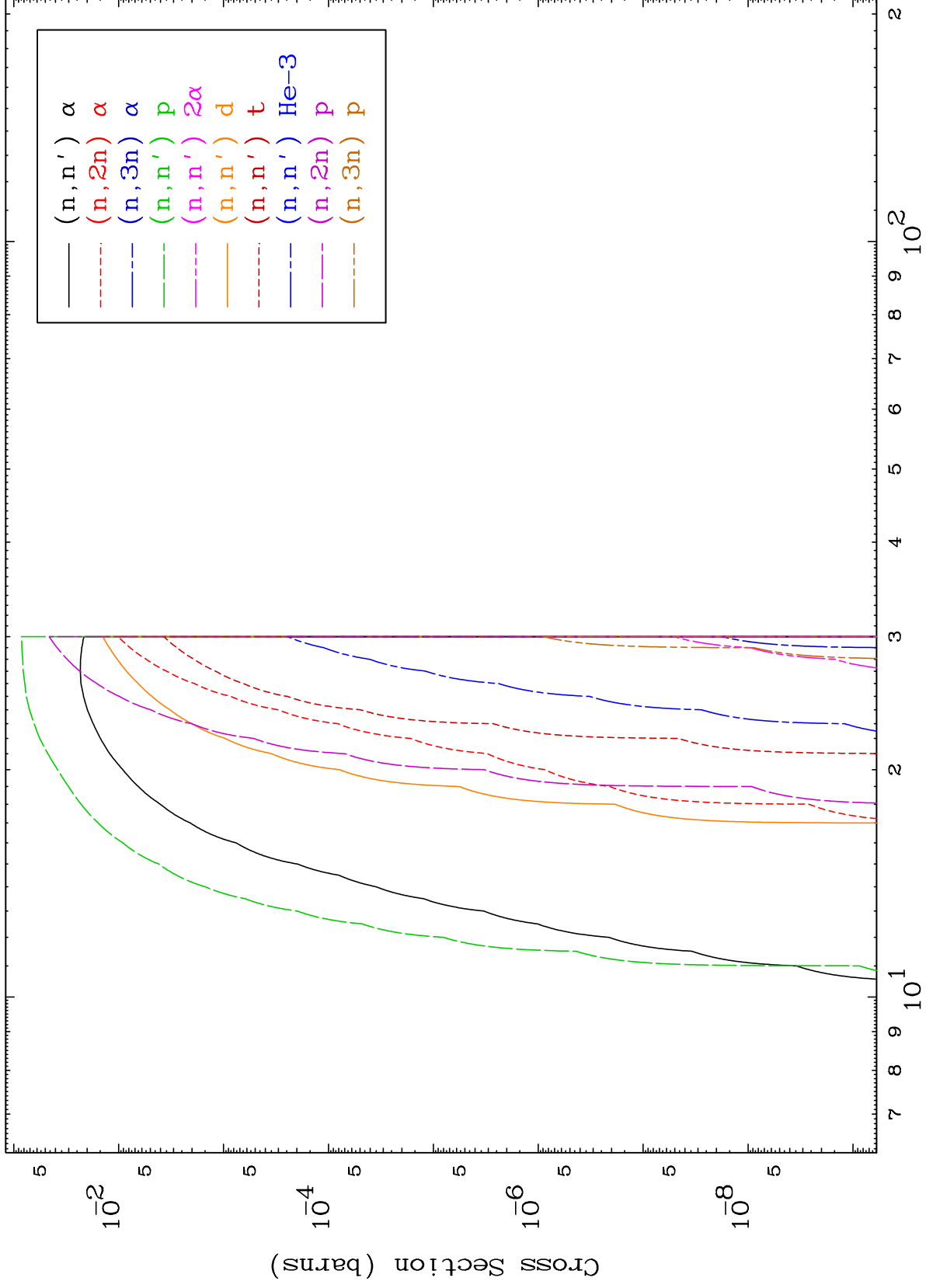
293 Kelvin Cross Sections

36-Kr-83





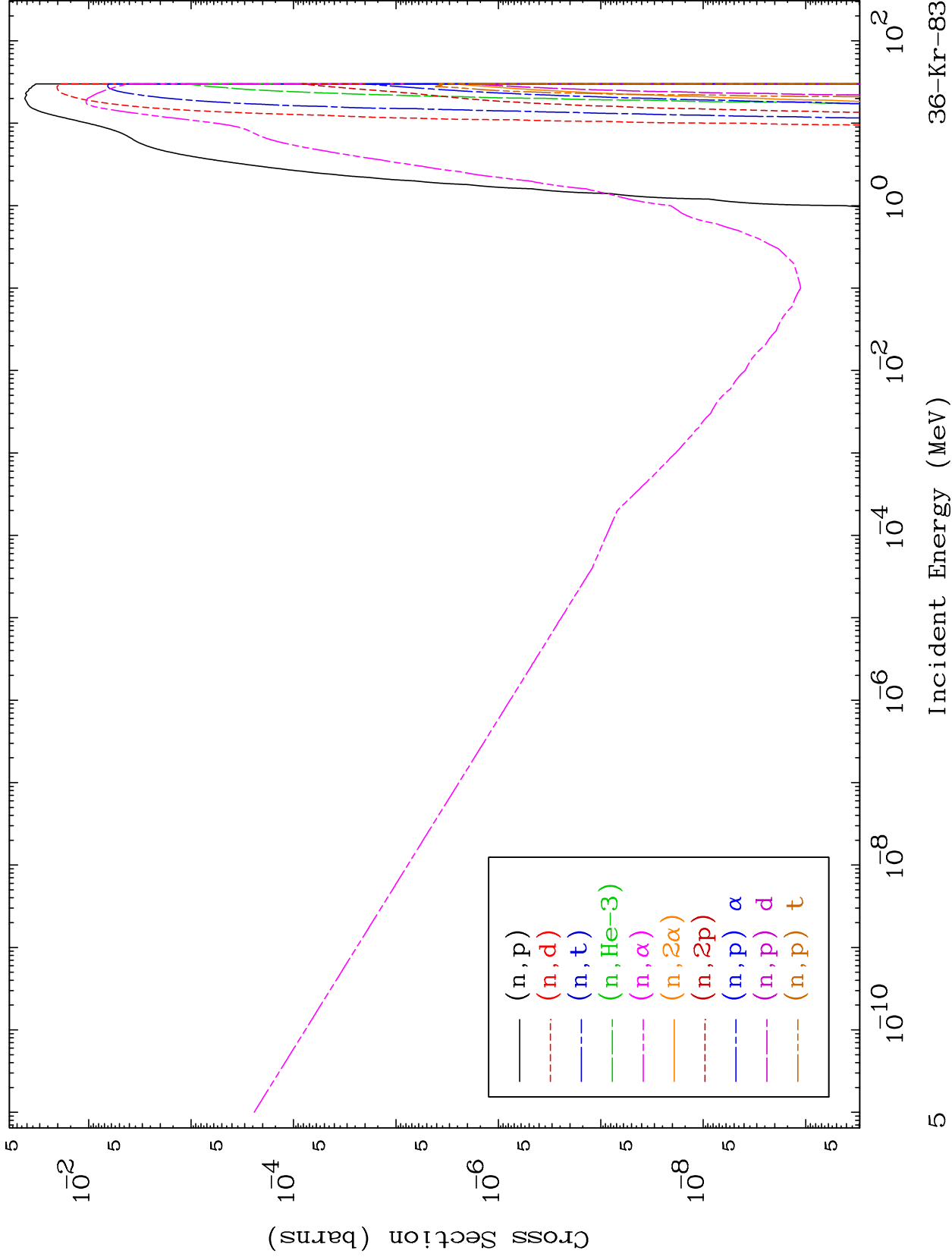




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Charged Particle  
293 Kelvin Cross Sections

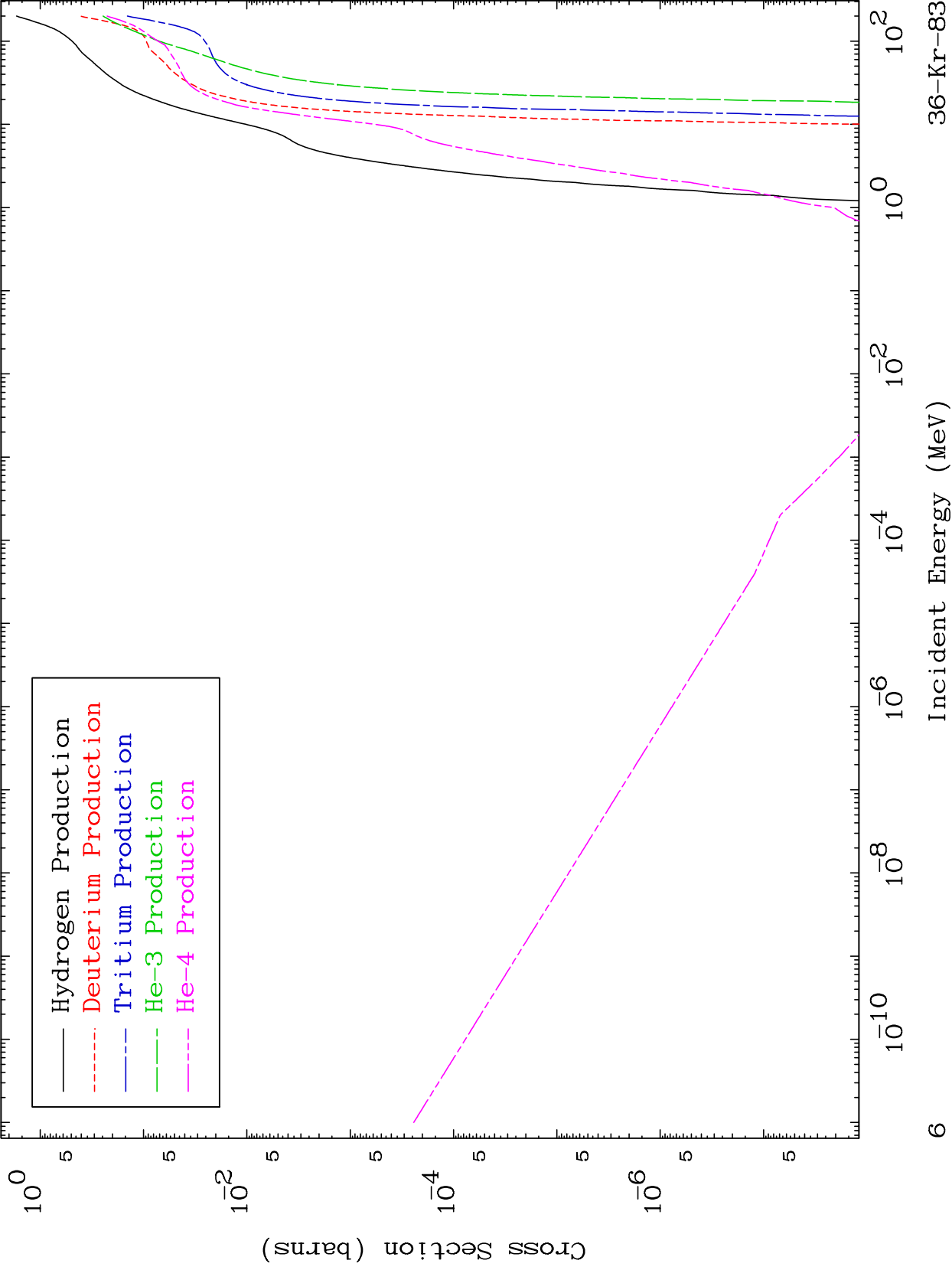
36-Kr-83



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Particle Production  
293 Kelvin Cross Sections

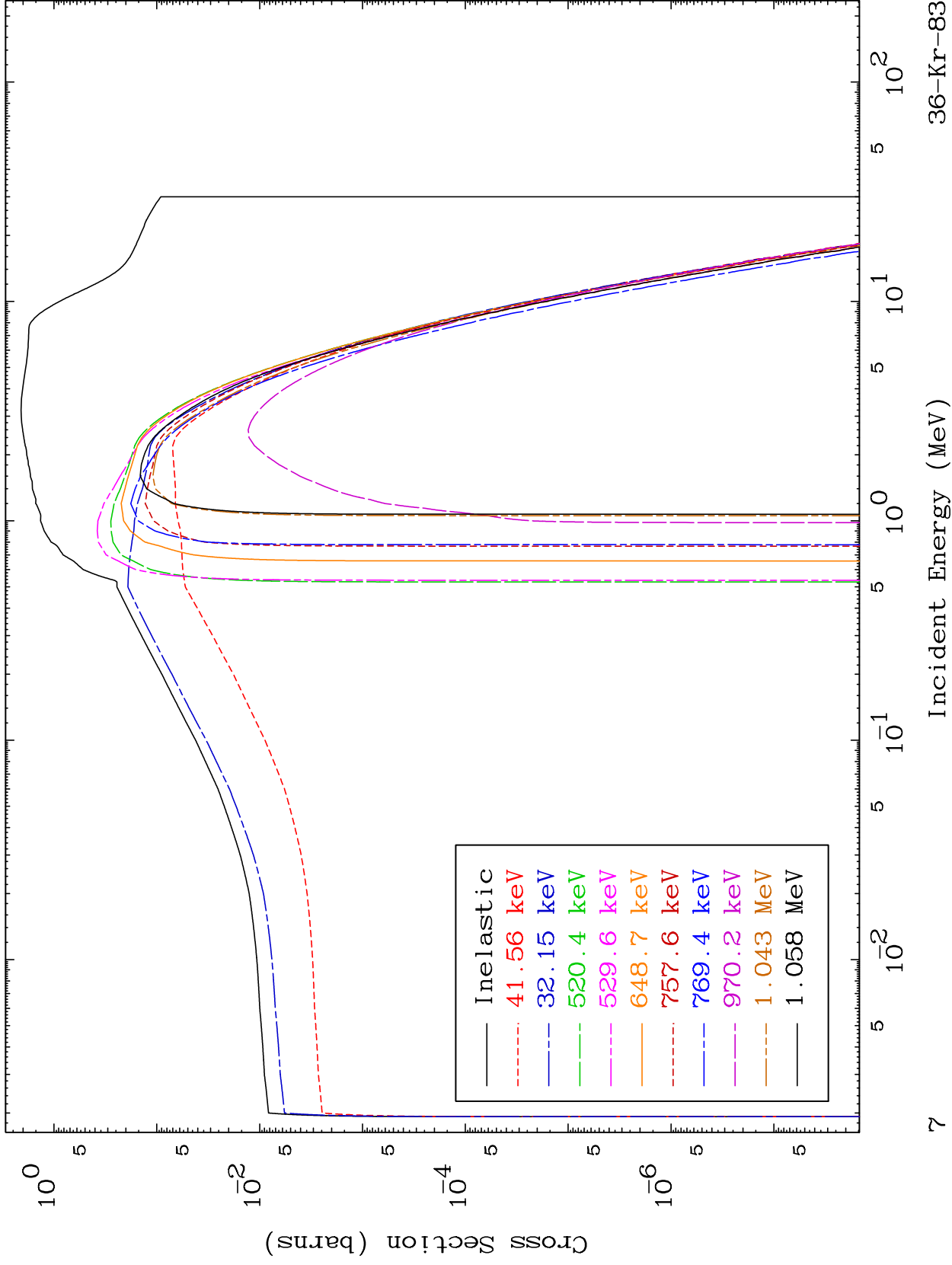
36-Kr-83



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293 Kelvin Cross Sections  
(n,n') Level

36-Kr-83

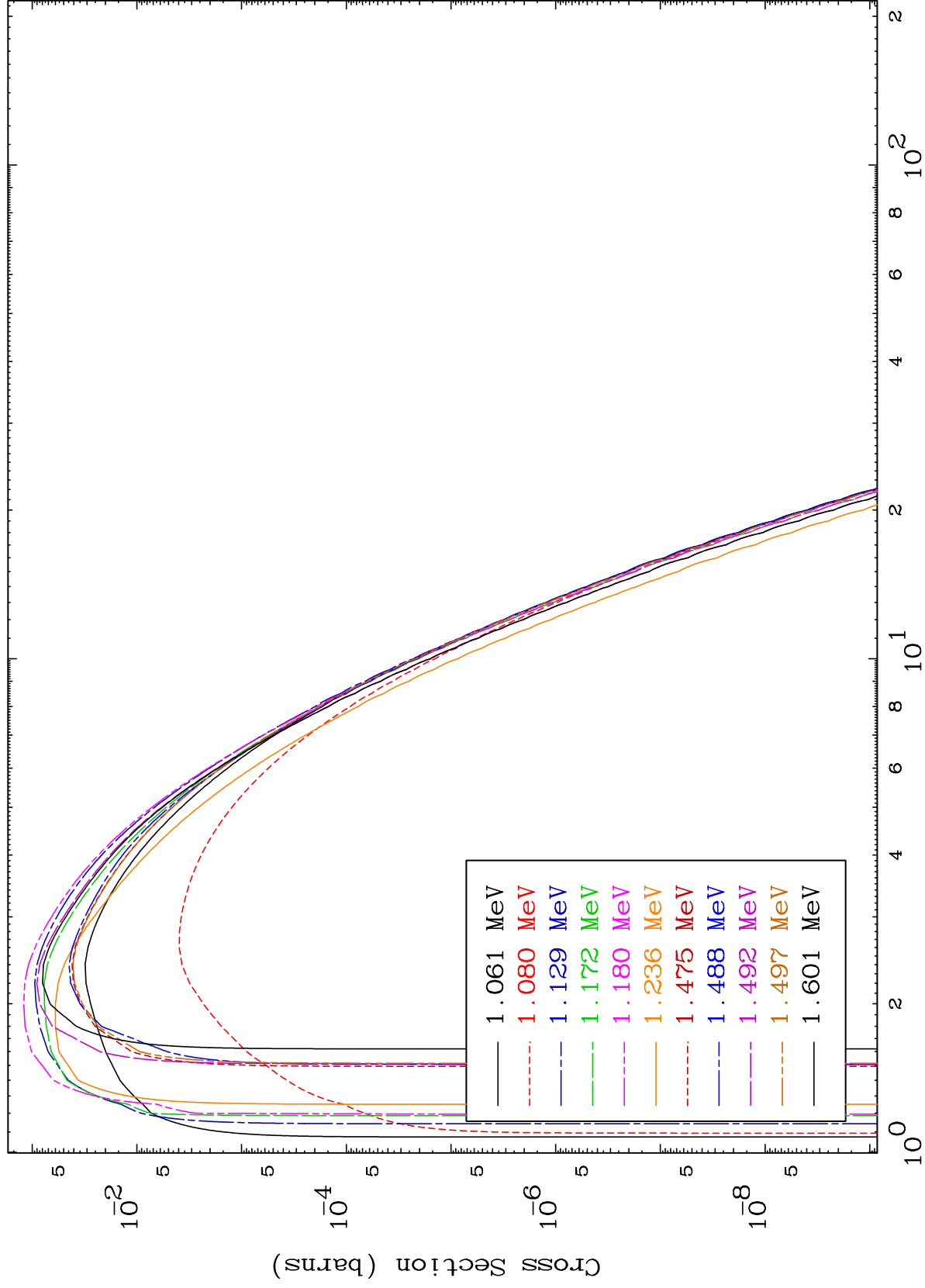




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(n,n') Level  
293 Kelvin Cross Sections

36-Kr-83



Incident Energy (MeV)

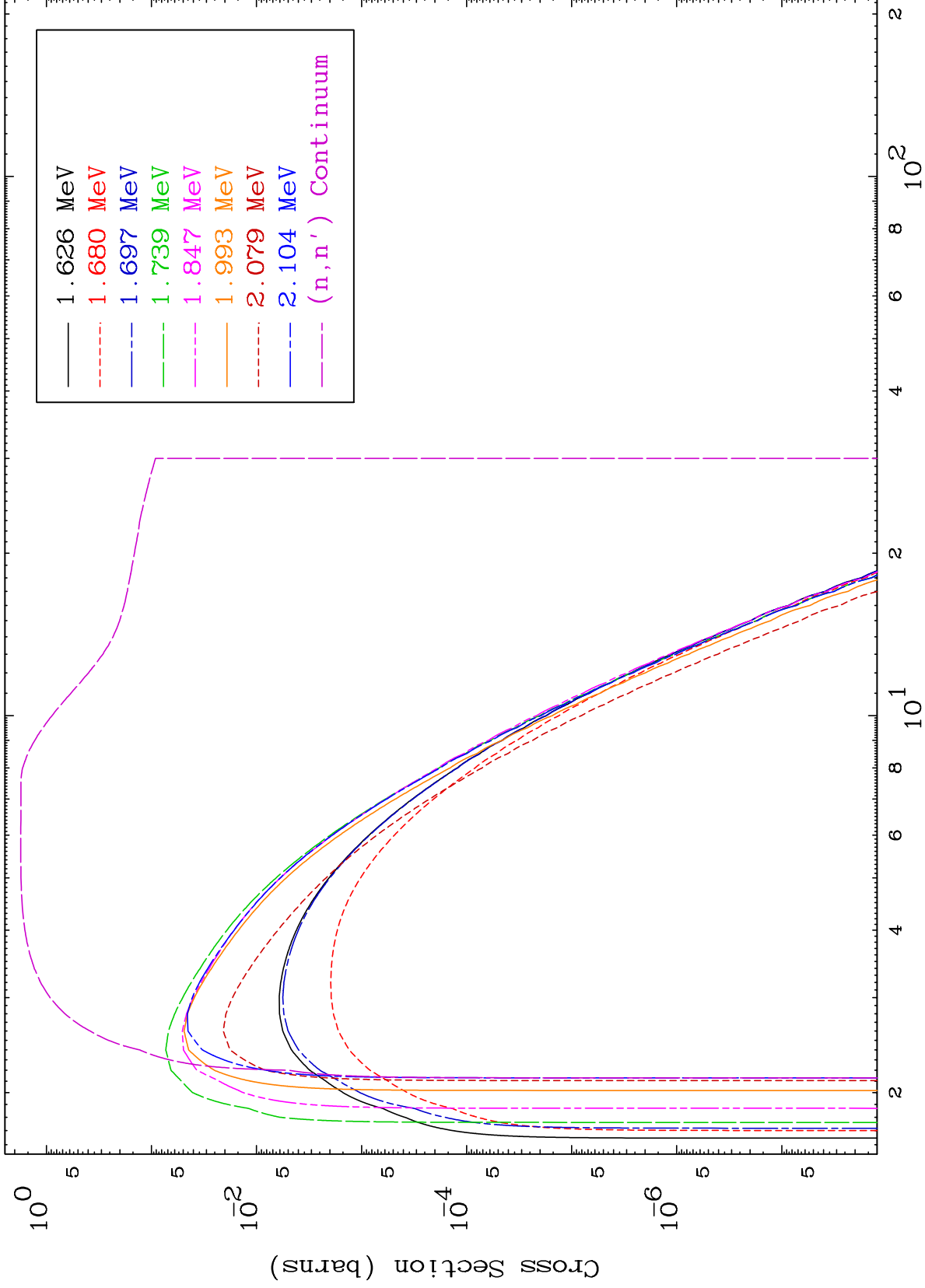
36-Kr-83

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(n,n') Level

36-Kr-83

293 Kelvin Cross Sections



9

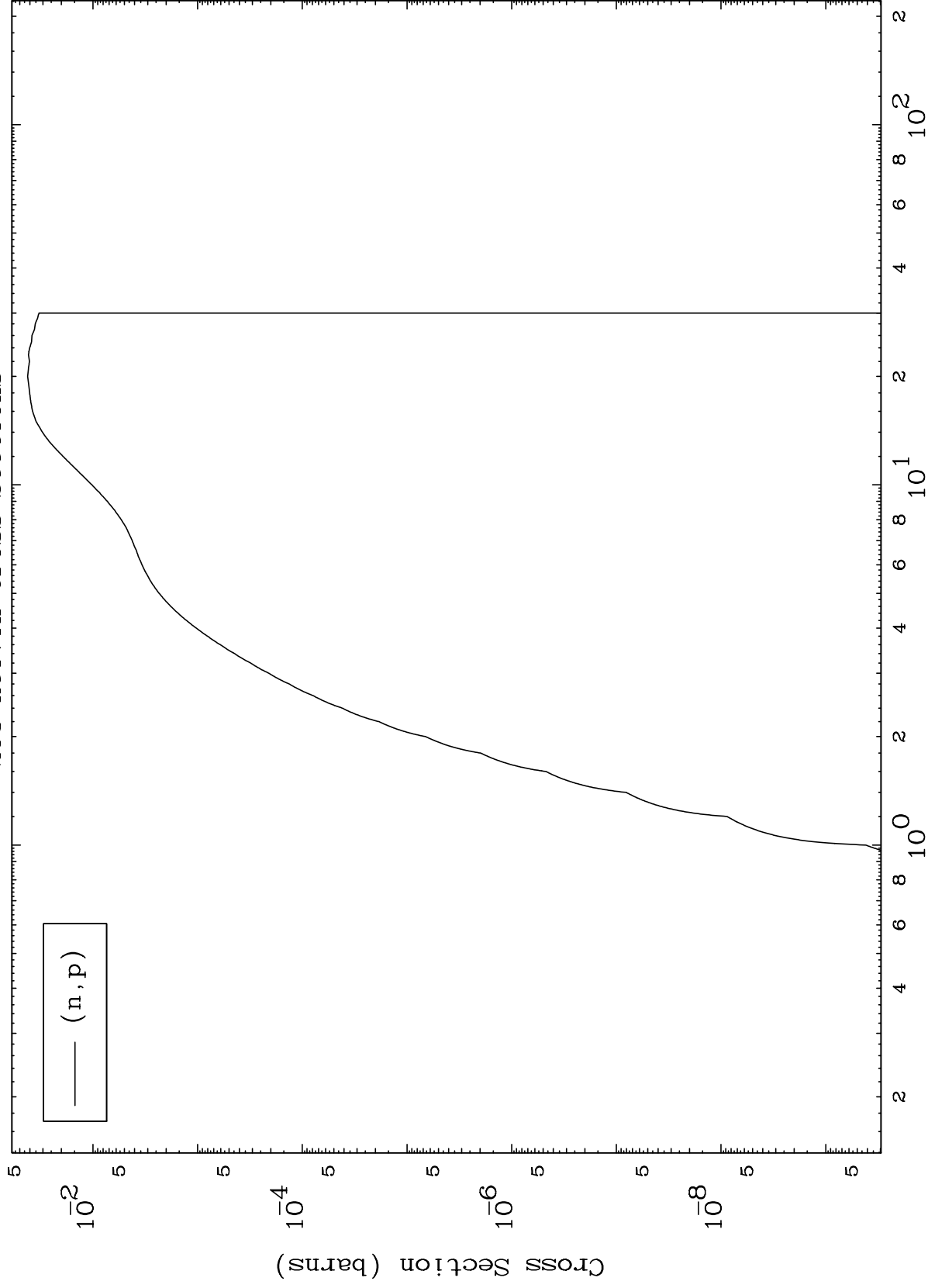
Incident Energy (MeV)

36-Kr-83

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36-Kr-83

(n,p) Levels  
293 Kelvin Cross Sections



36-Kr-83

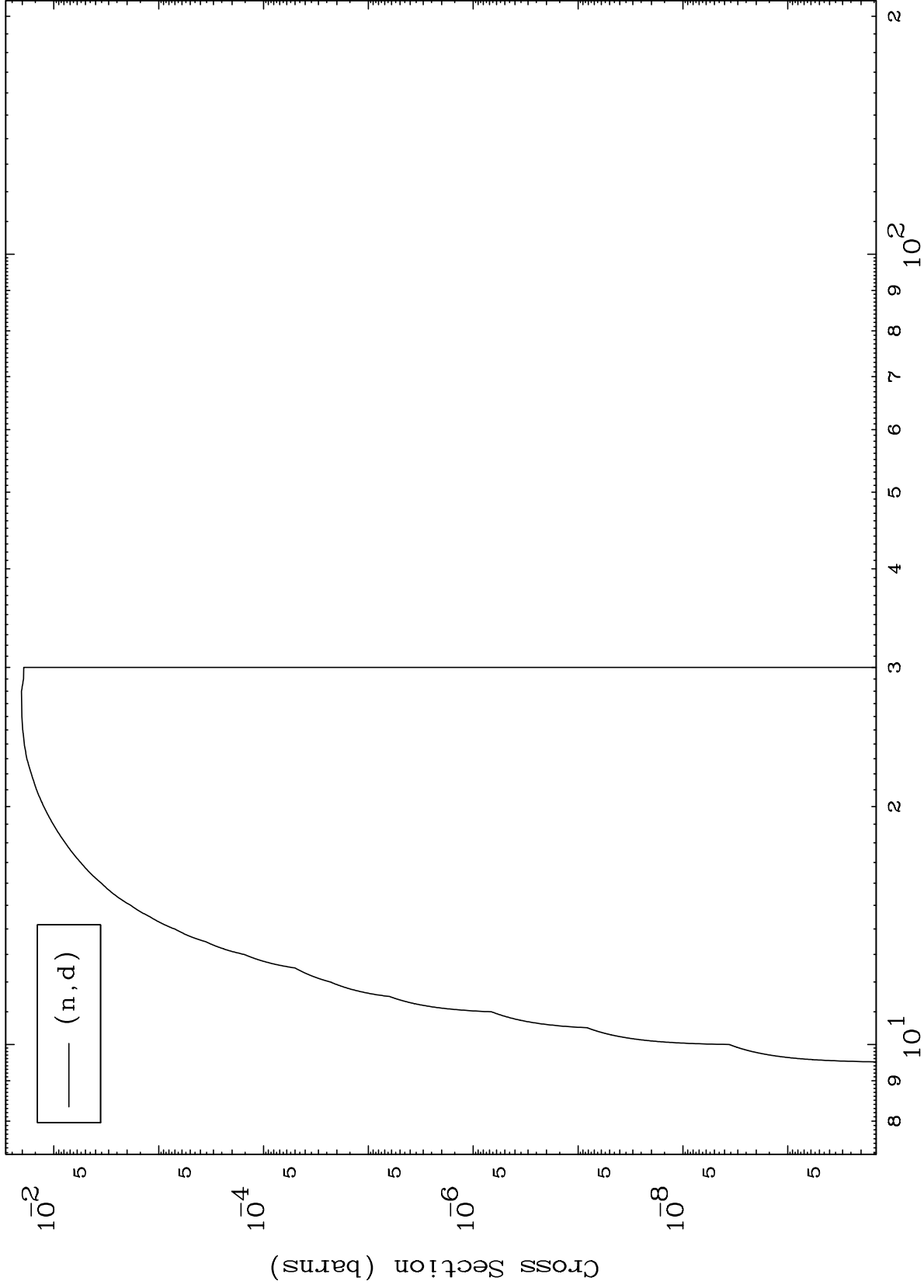
Incident Energy (MeV)

10

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(n,d) Levels  
293 Kelvin Cross Sections

36-Kr-83



11

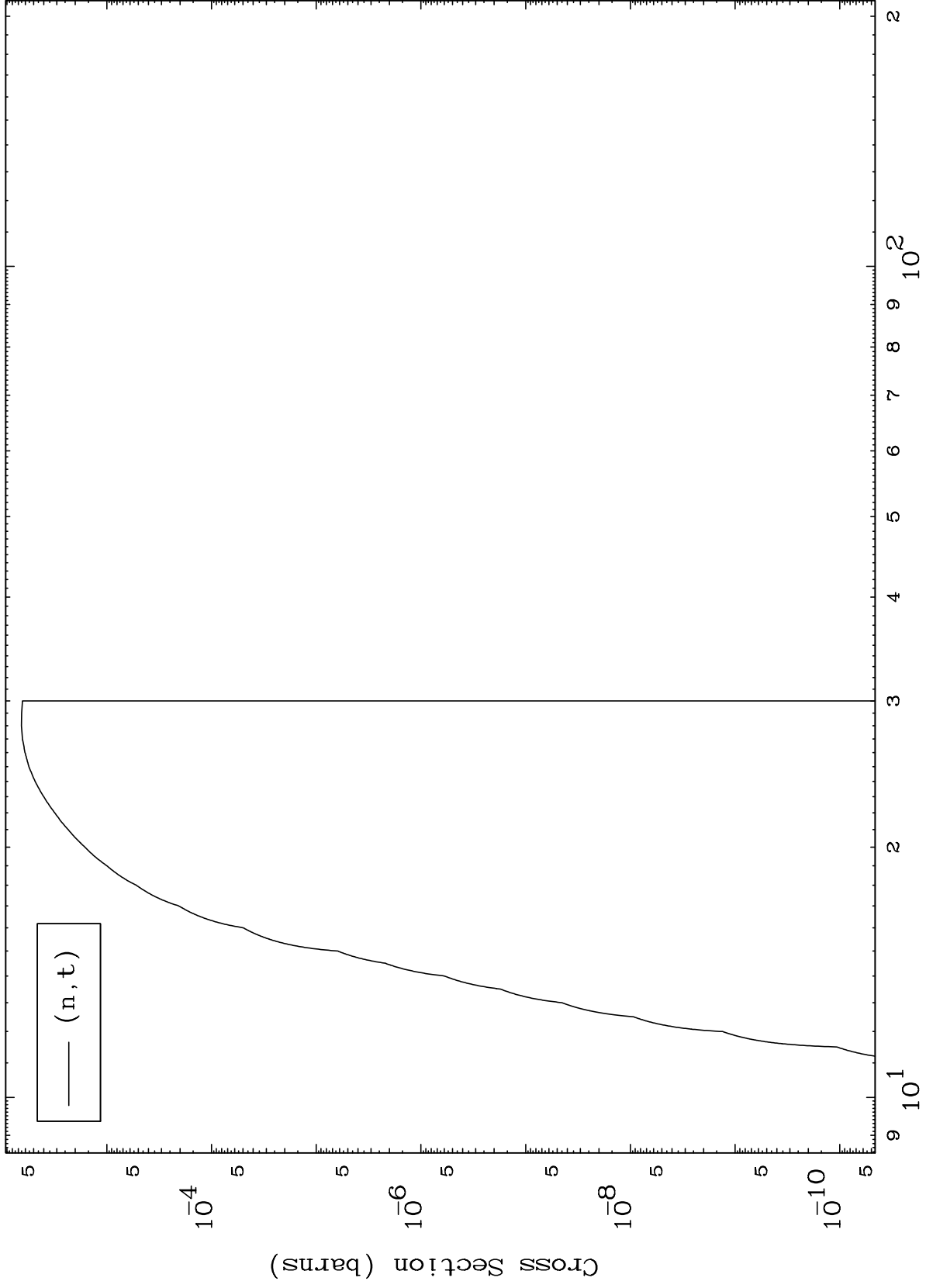
Incident Energy (MeV)

36-Kr-83

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(n,t) Levels  
293 Kelvin Cross Sections

36-Kr-83



12

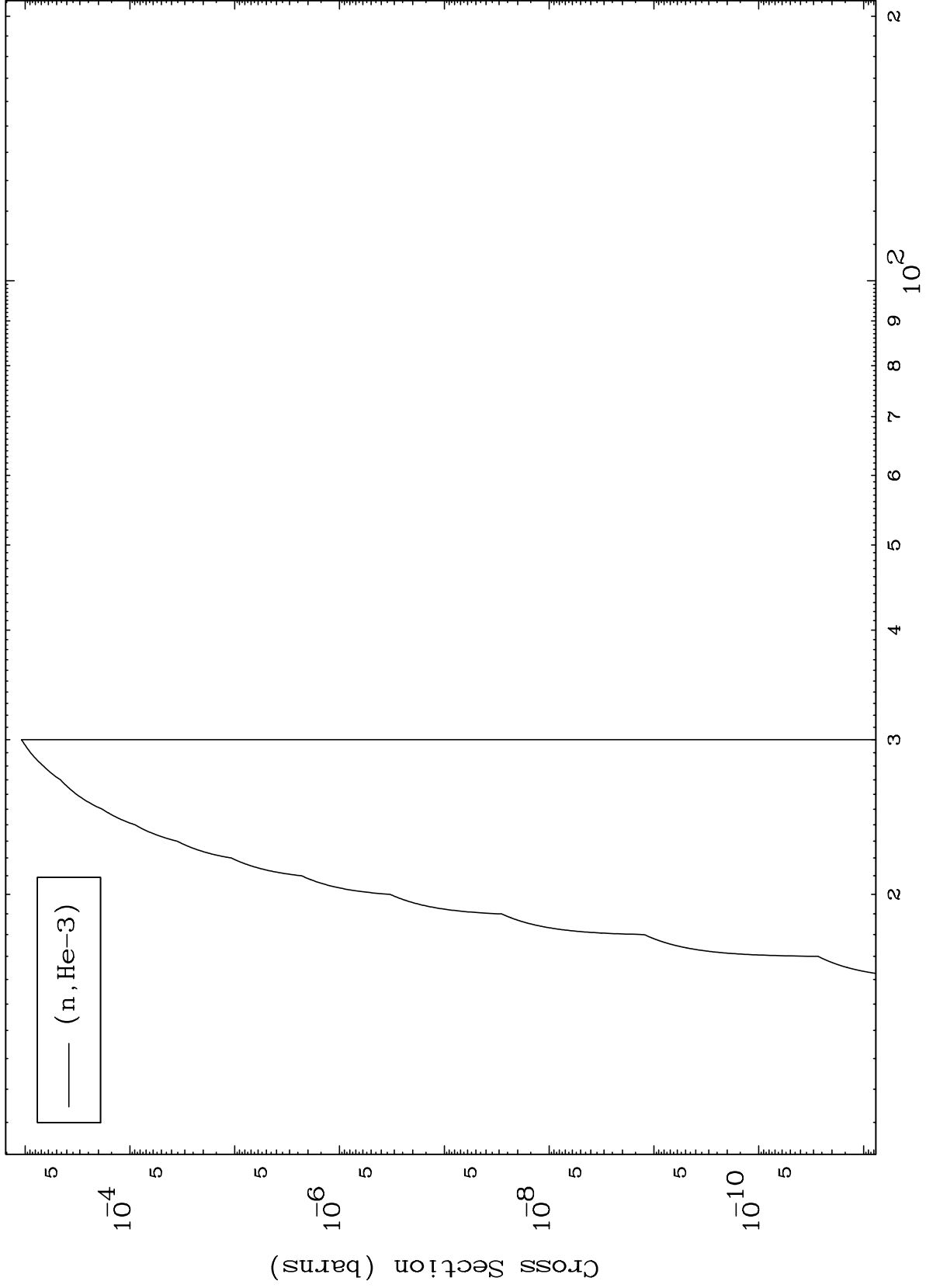
Incident Energy (MeV)

36-Kr-83

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(n,He3) Levels  
293 Kelvin Cross Sections

36-Kr-83



13

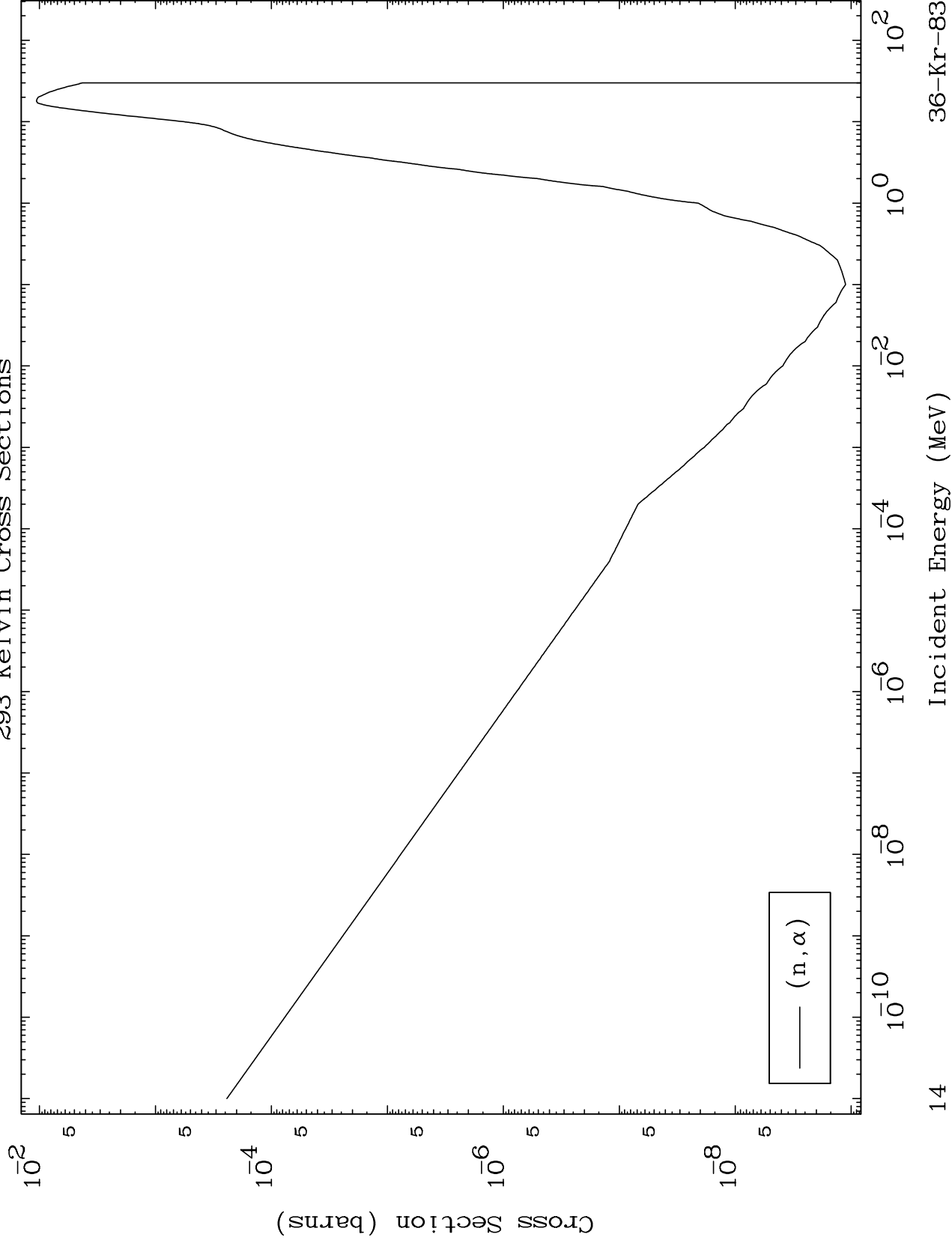
Incident Energy (MeV)

36-Kr-83

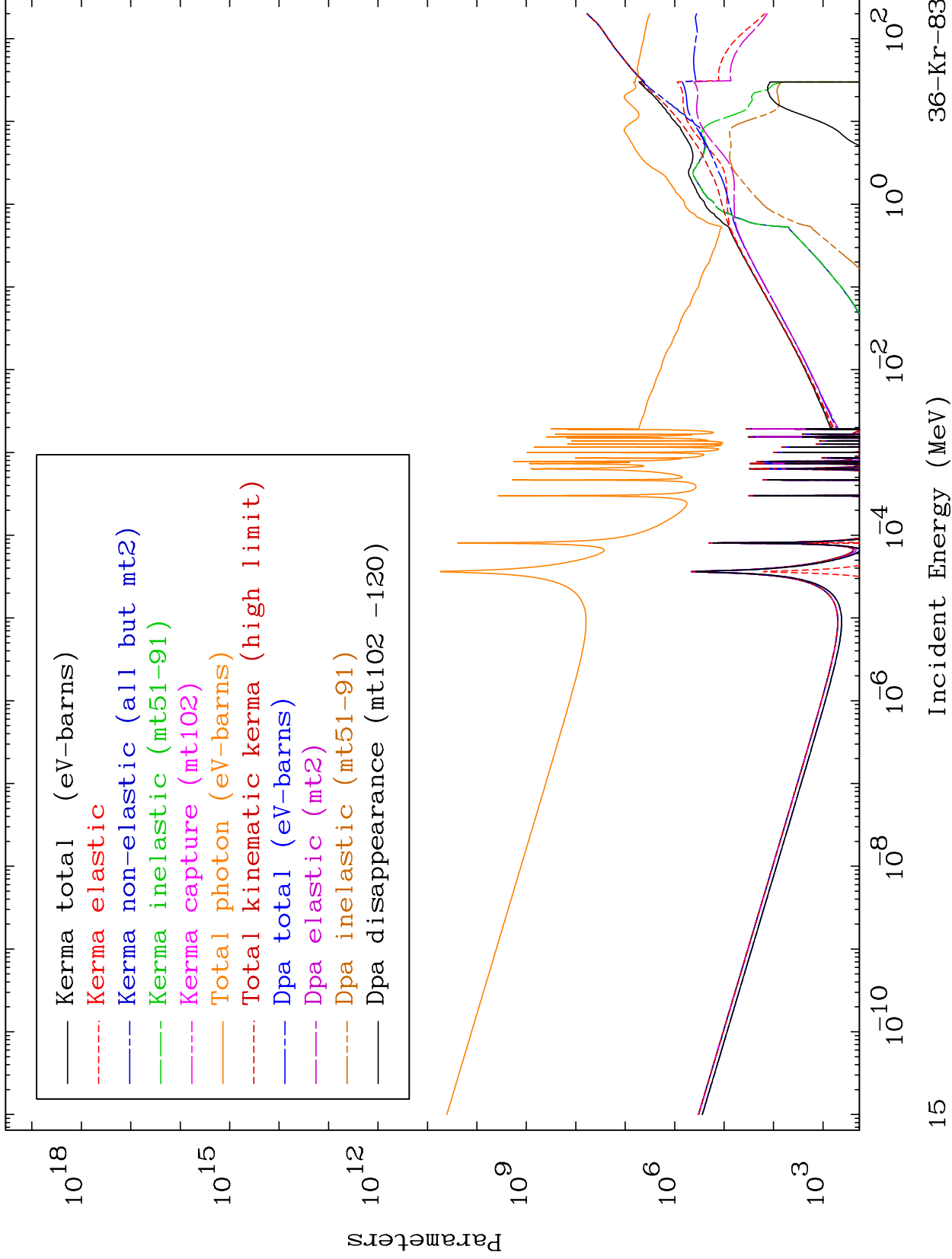
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(n,α) Levels  
293 Kelvin Cross Sections

36-Kr-83



36-Kr-83

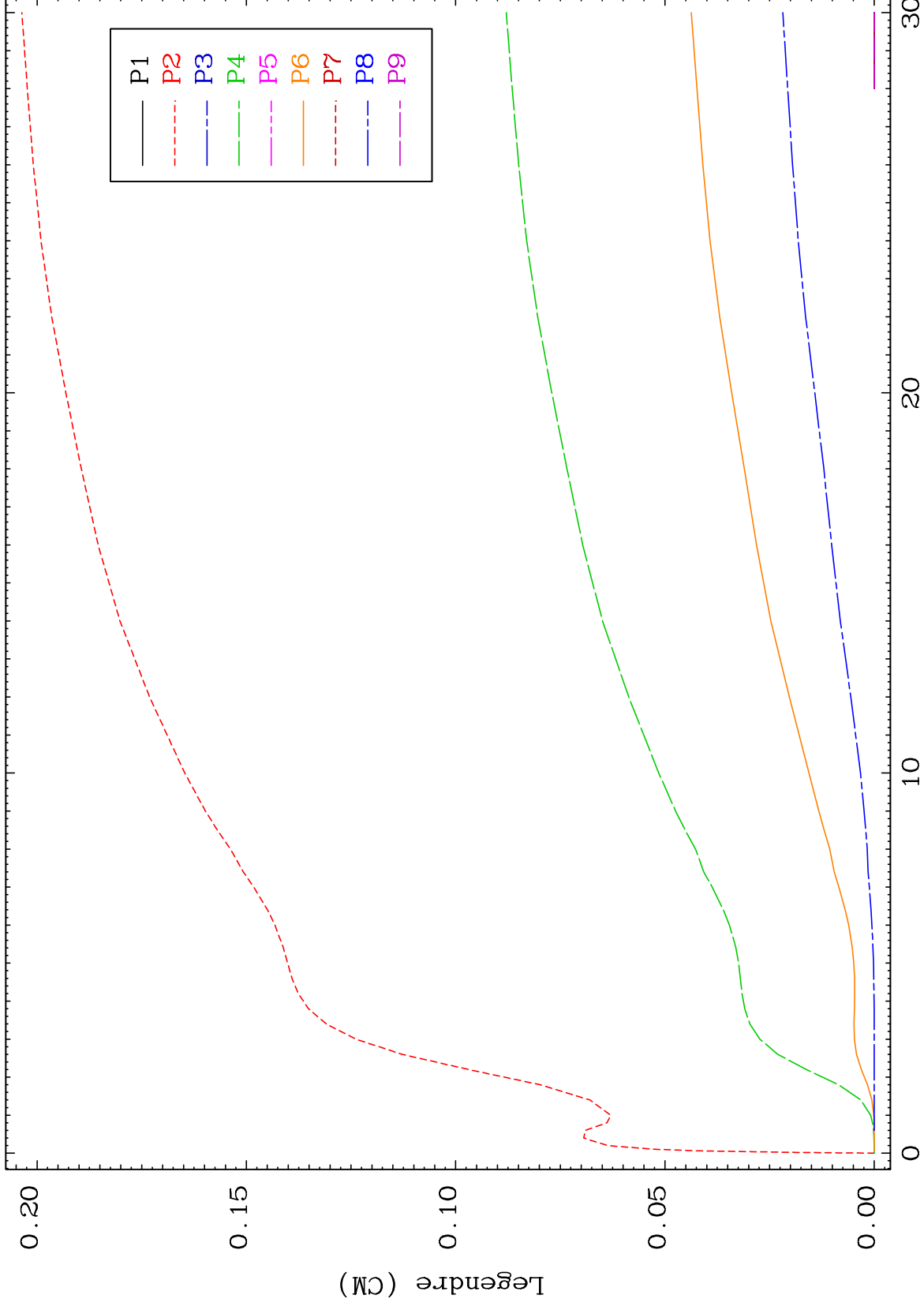




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Elastic Legendre Coefficients

<sup>36</sup>Kr-83



16

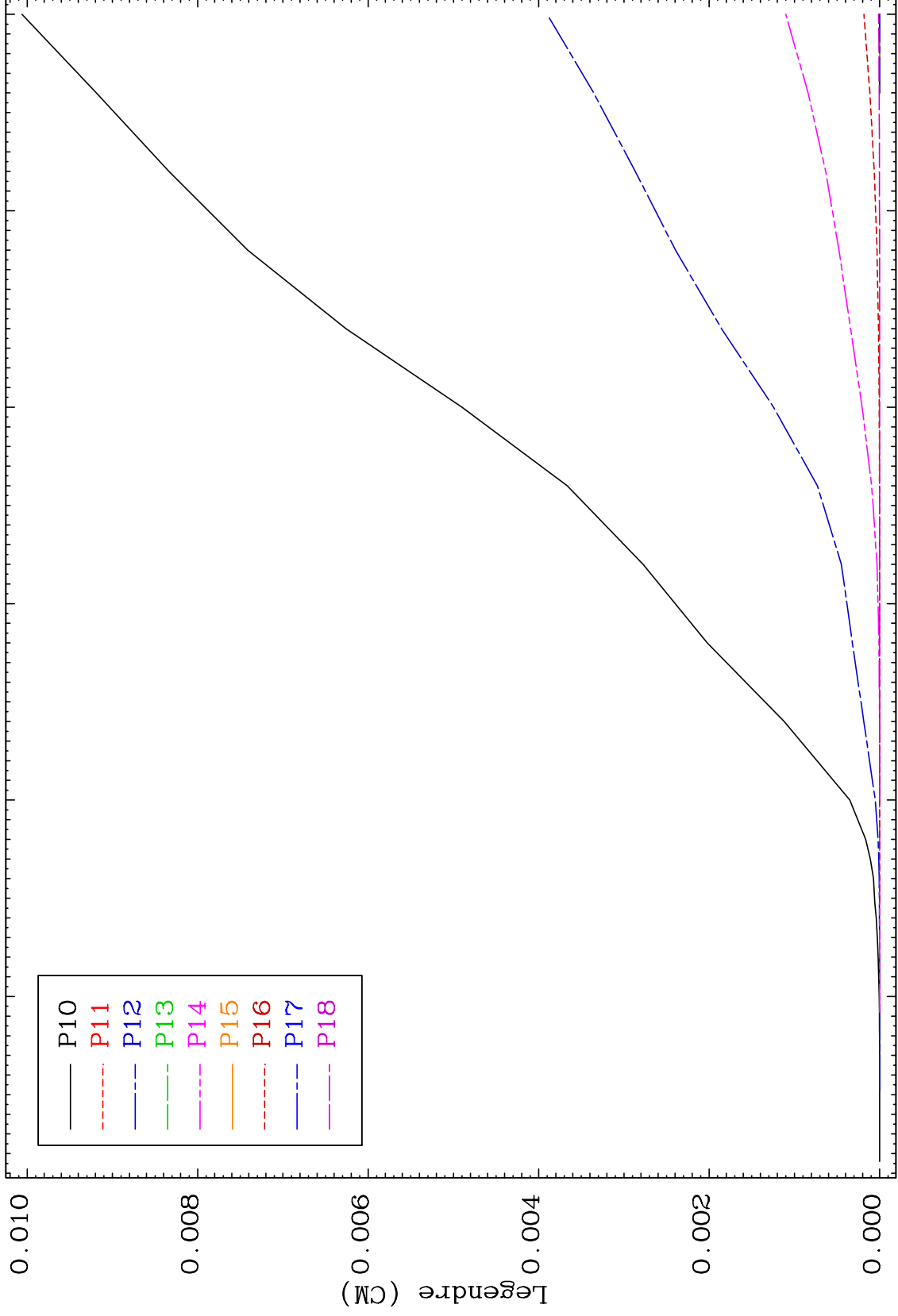
Incident Energy (MeV)

<sup>36</sup>Kr-83

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### Elastic Legendre Coefficients

36-Kr-83



17

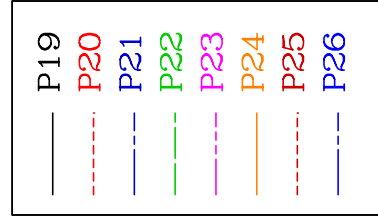
Incident Energy (MeV)

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)

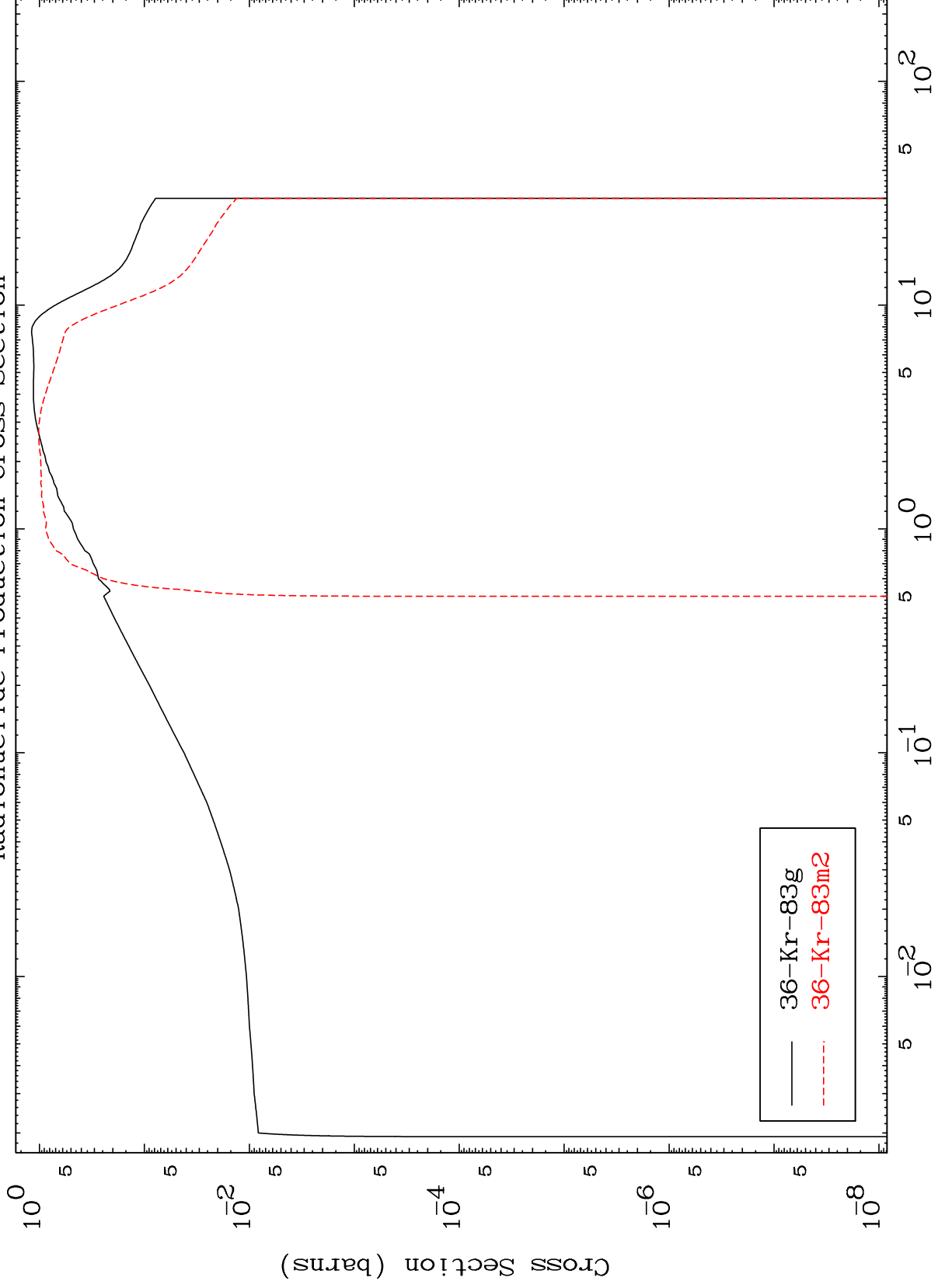
36-Kr-83



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<sup>36</sup>Kr-83

Inelastic  
Radionuclide Production Cross Section



19

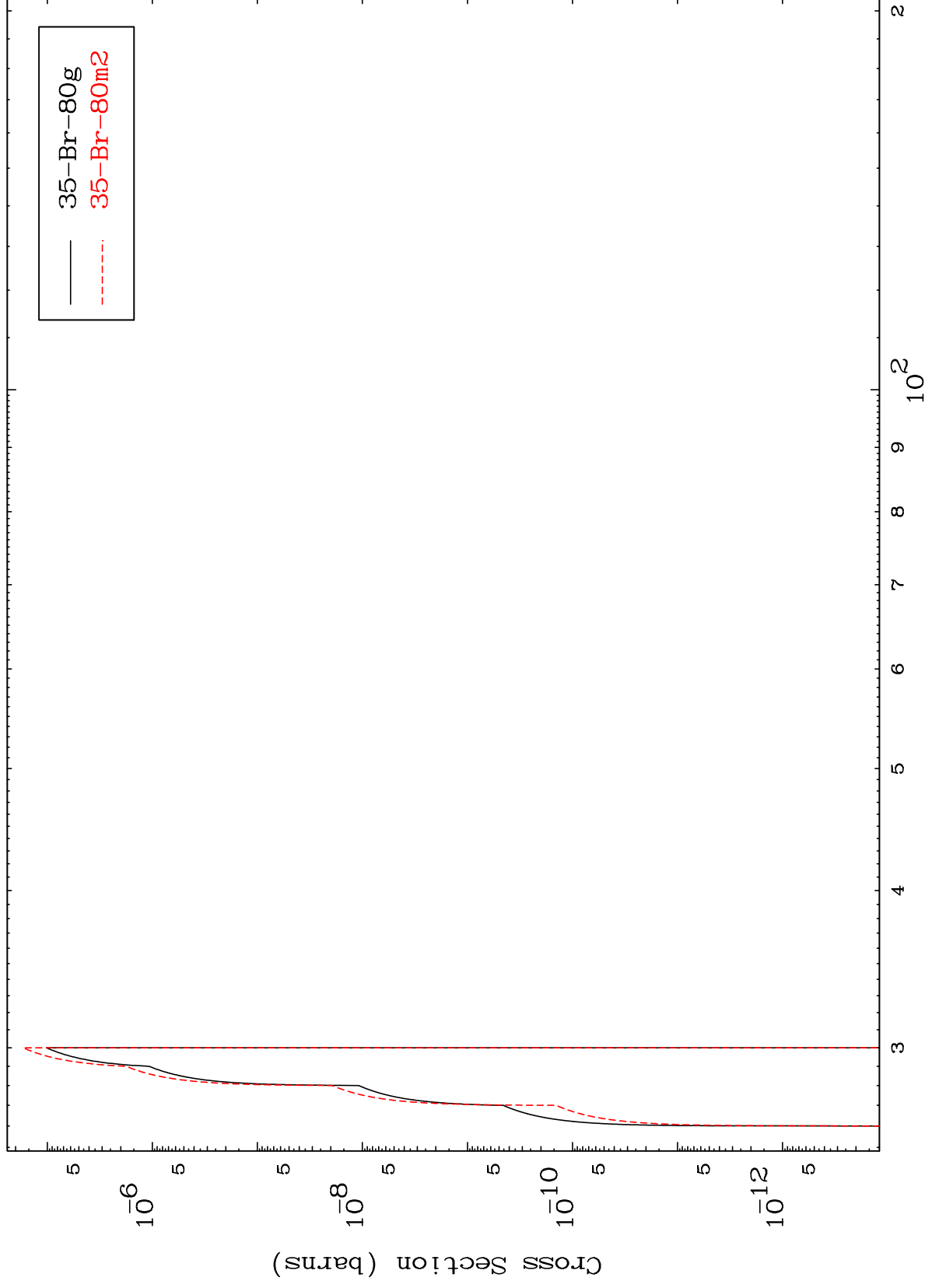
<sup>36</sup>Kr-83

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(n,2n) d

36-Kr-83

Radionuclide Production Cross Section



20

Incident Energy (MeV)

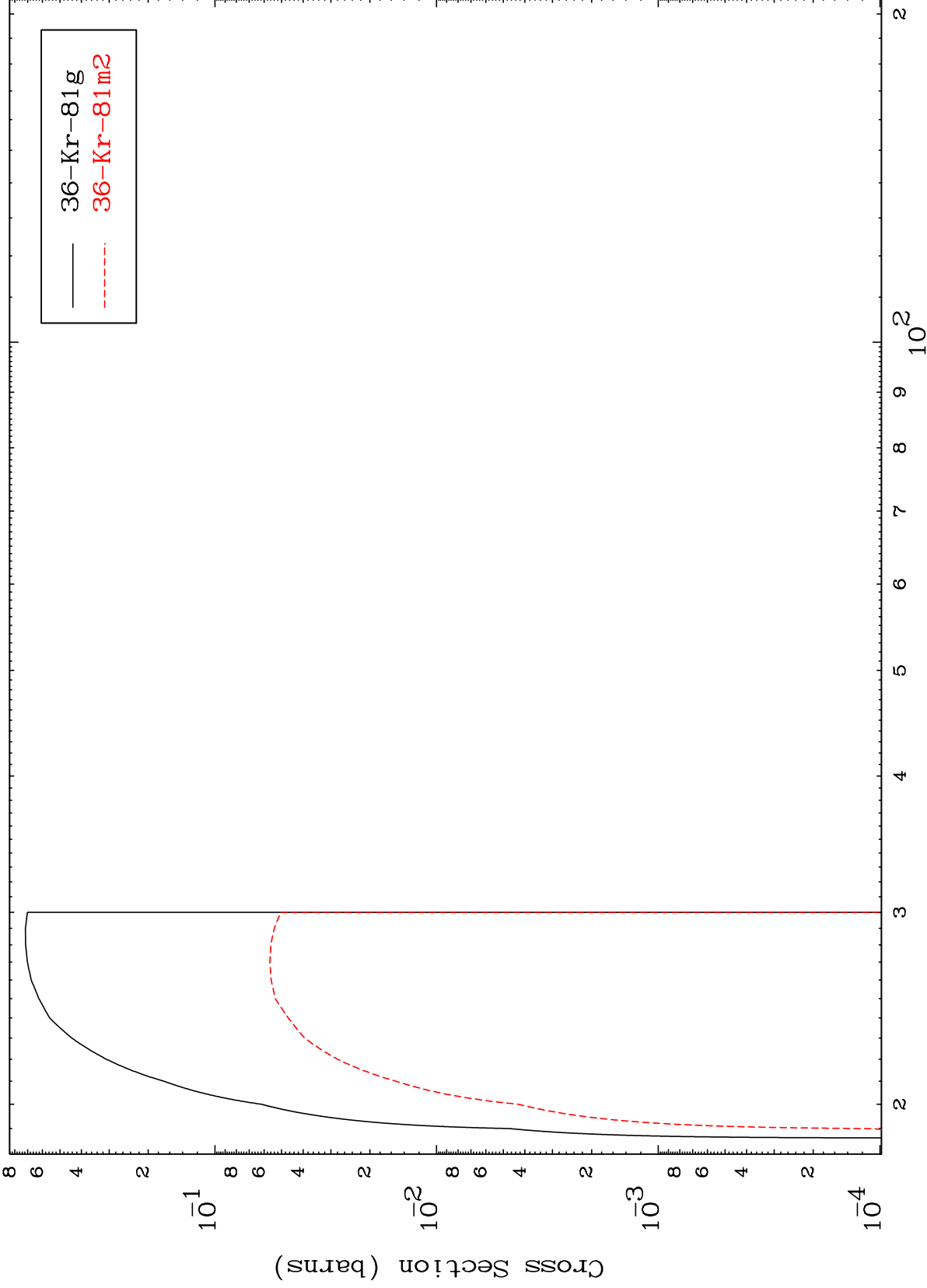
36-Kr-83

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(n,3n)

36-Kr-83

Radionuclide Production Cross Section



36-Kr-81g  
36-Kr-81m2

21

Incident Energy (MeV)

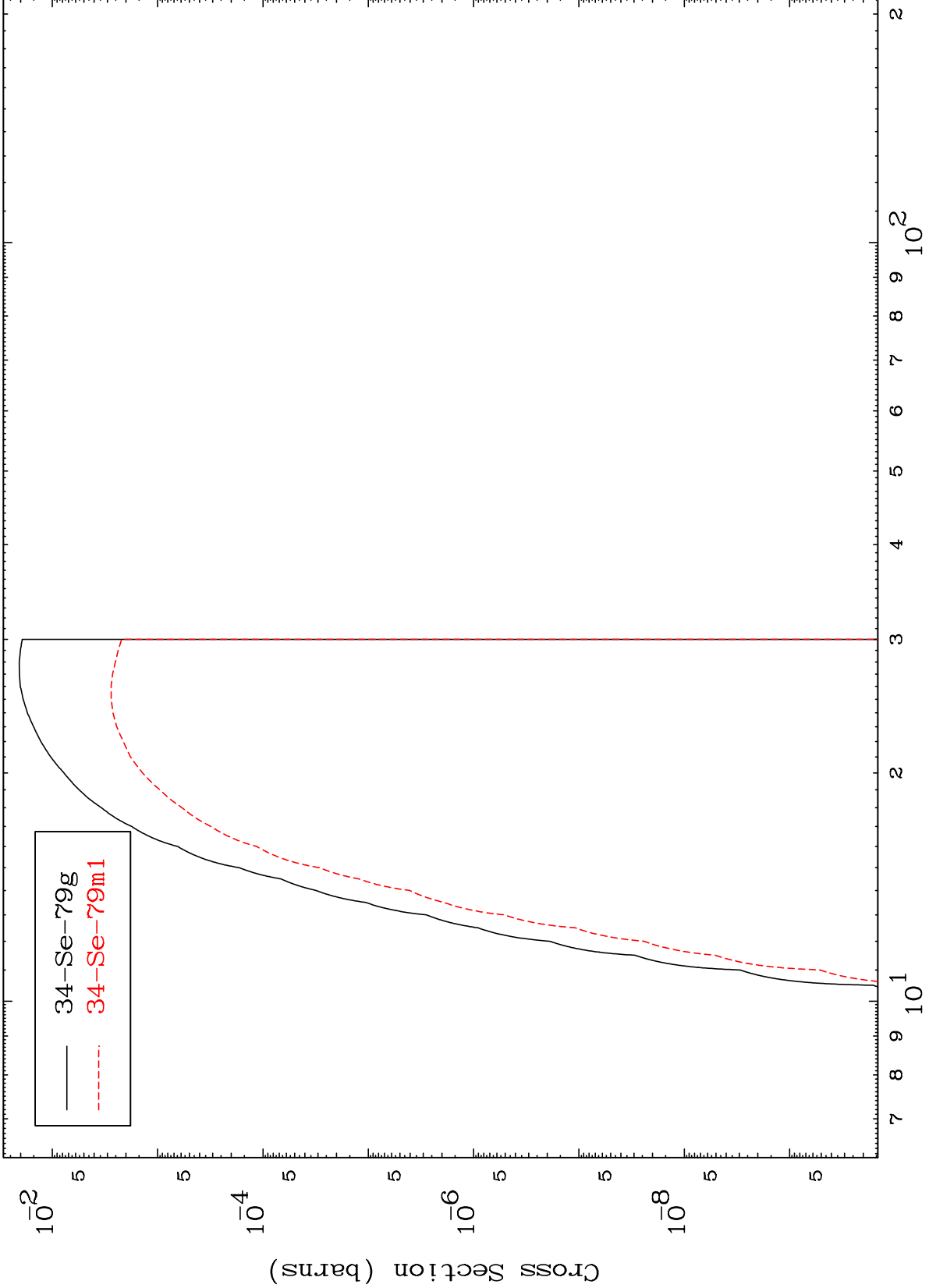
36-Kr-83

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$(n, n') \alpha$

36-Kr-83

Radionuclide Production Cross Section

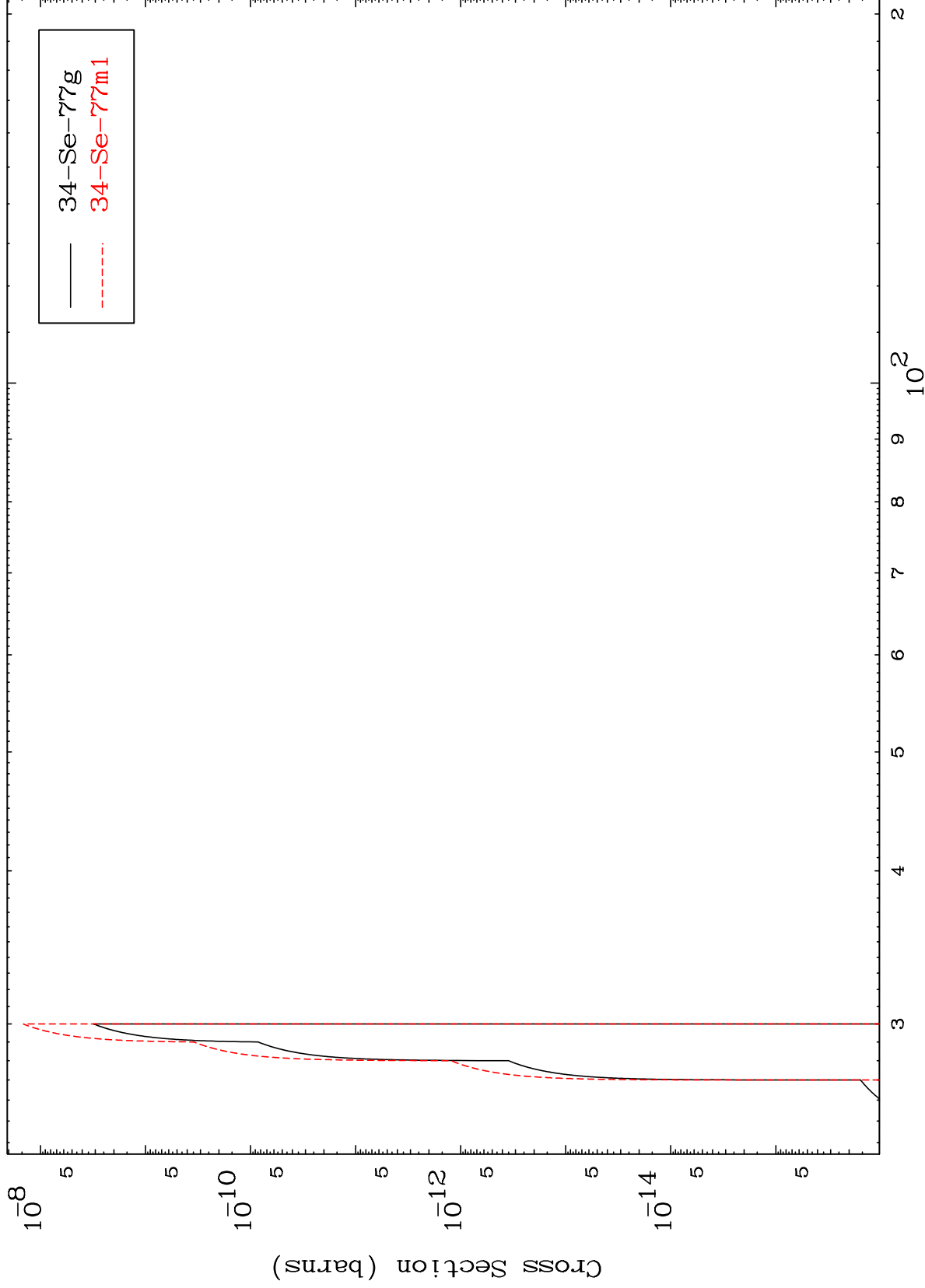


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(n,3n)  $\alpha$

36-Kr-83

Radionuclide Production Cross Section



23

Incident Energy (MeV)

36-Kr-83

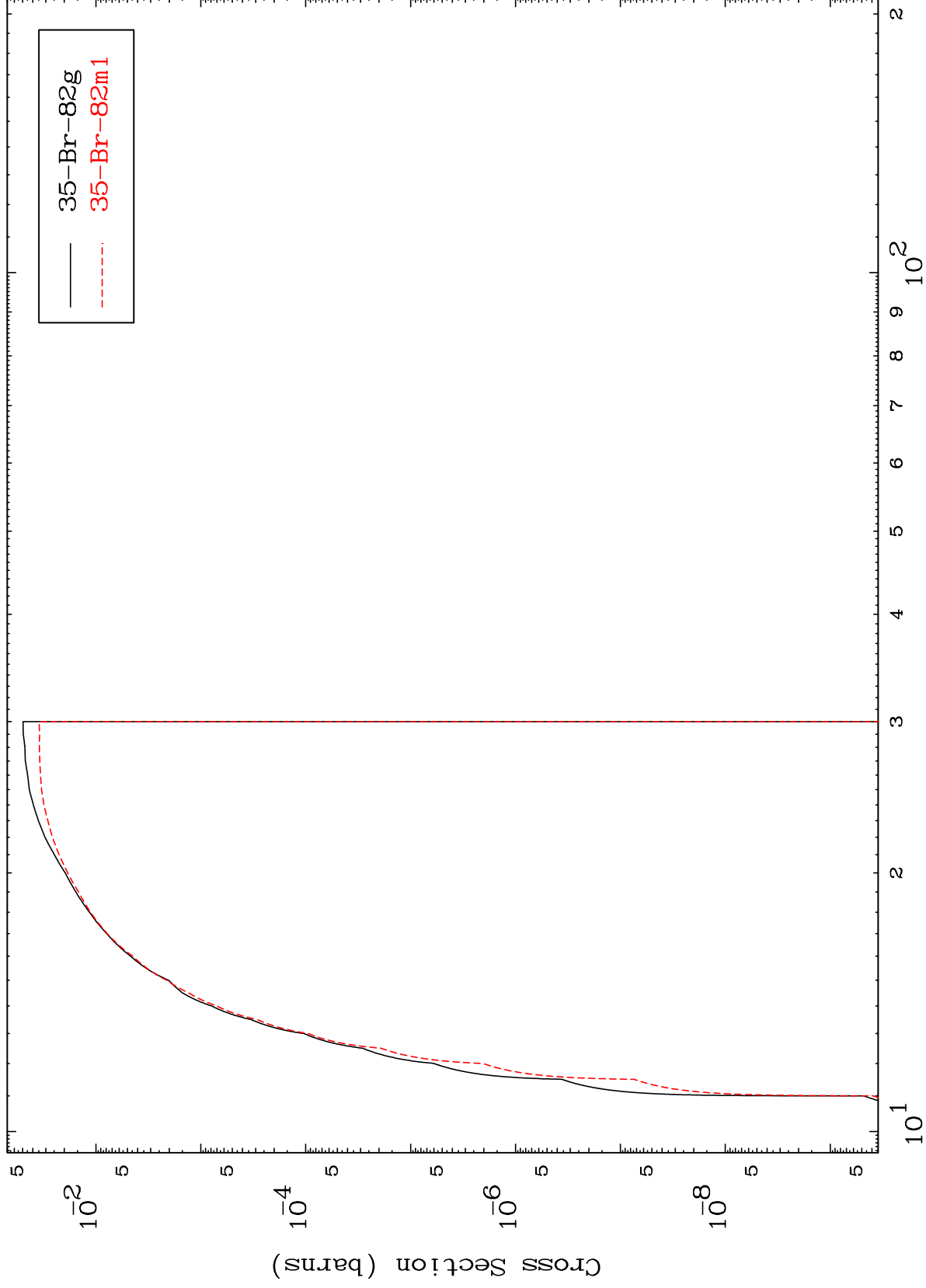


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(n,n') p

36-Kr-83

Radionuclide Production Cross Section



Incident Energy (MeV)

36-Kr-83

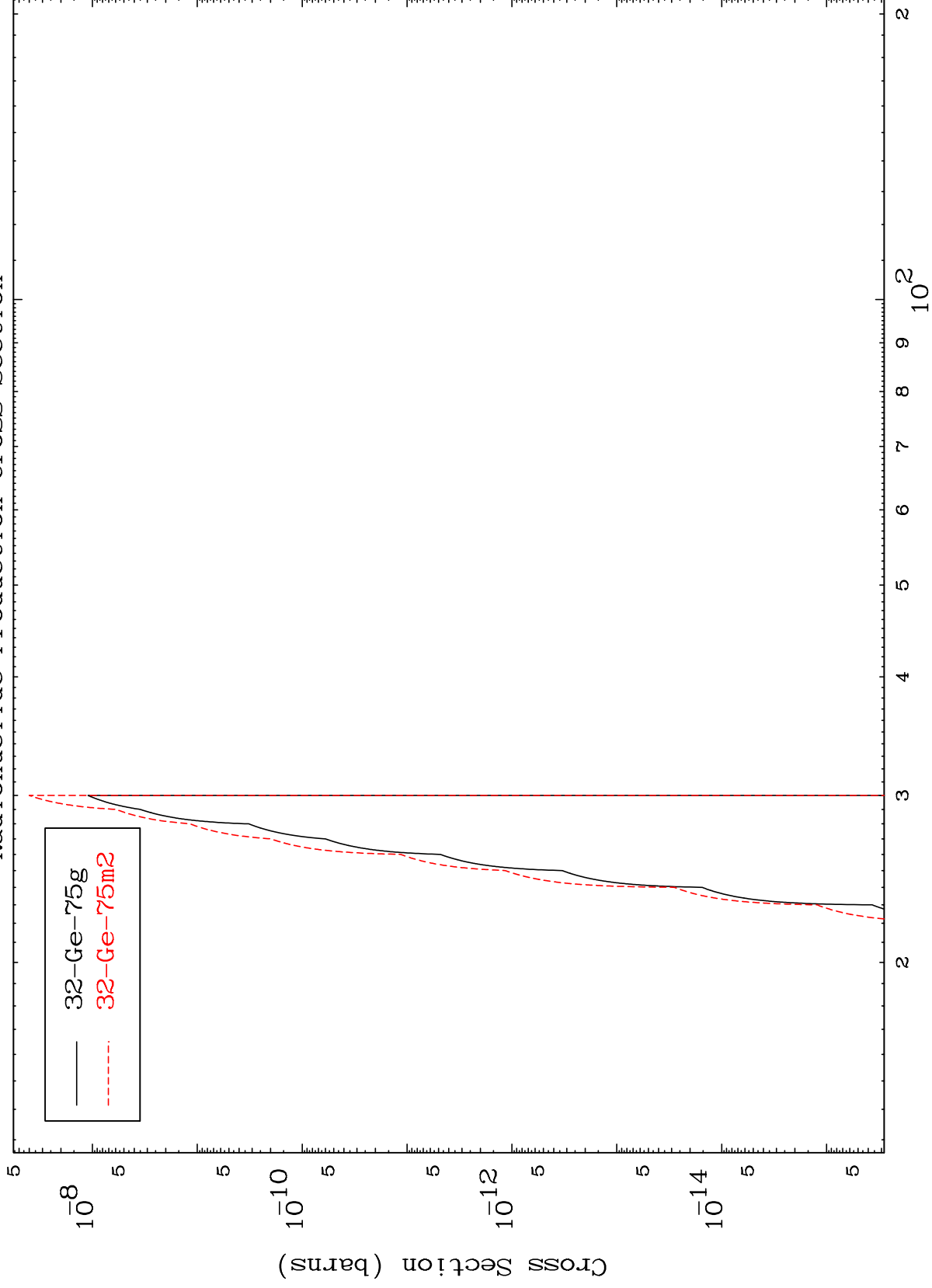
24

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(n,n') 2α

36-Kr-83

Radionuclide Production Cross Section



25

Incident Energy (MeV)

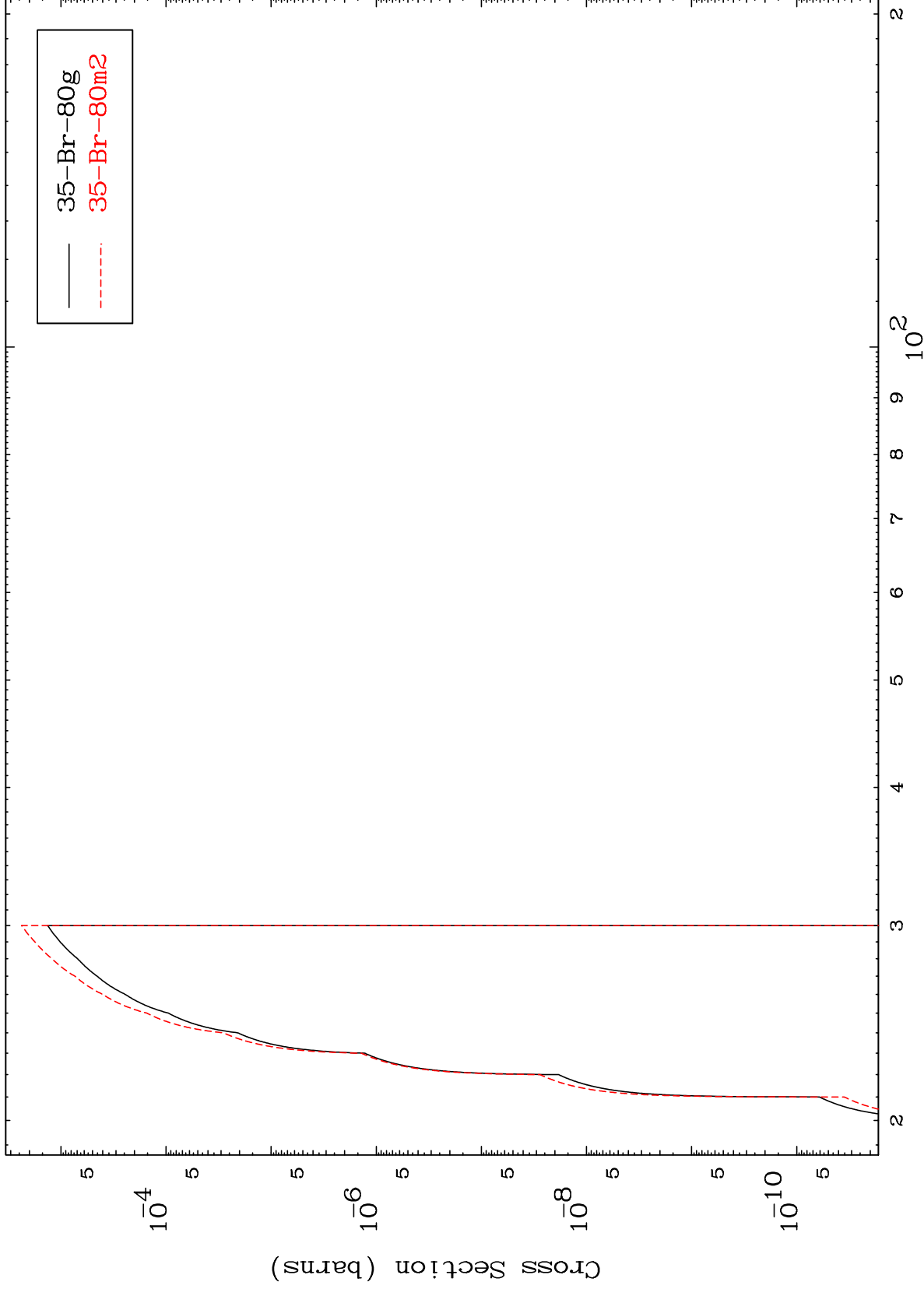
36-Kr-83

MAT 3641

(n,n') t

36-Kr-83

Radionuclide Production Cross Section



26

Incident Energy (MeV)

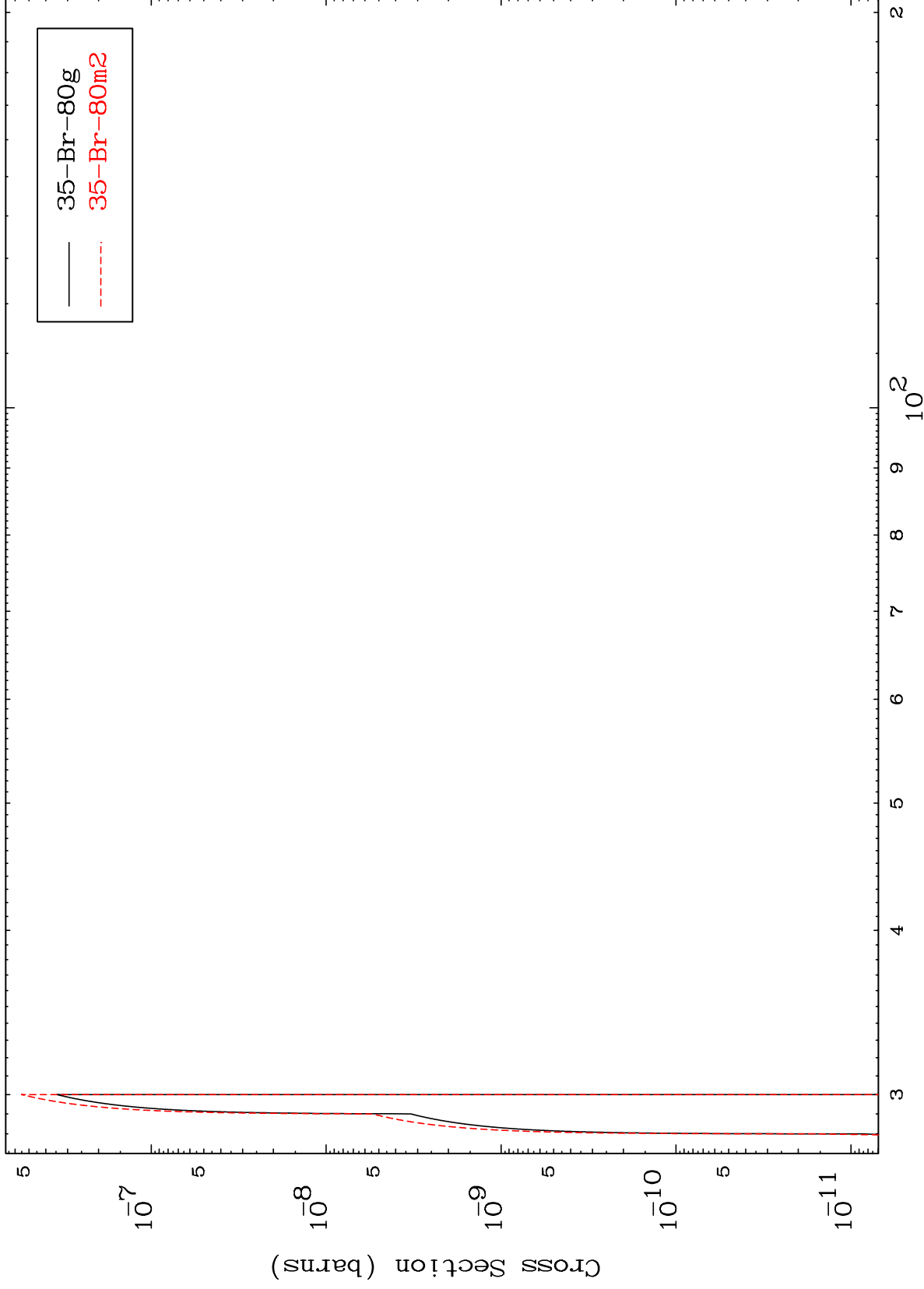
36-Kr-83

MAT 3641

(n,3n) p

36-Kr-83

Radionuclide Production Cross Section

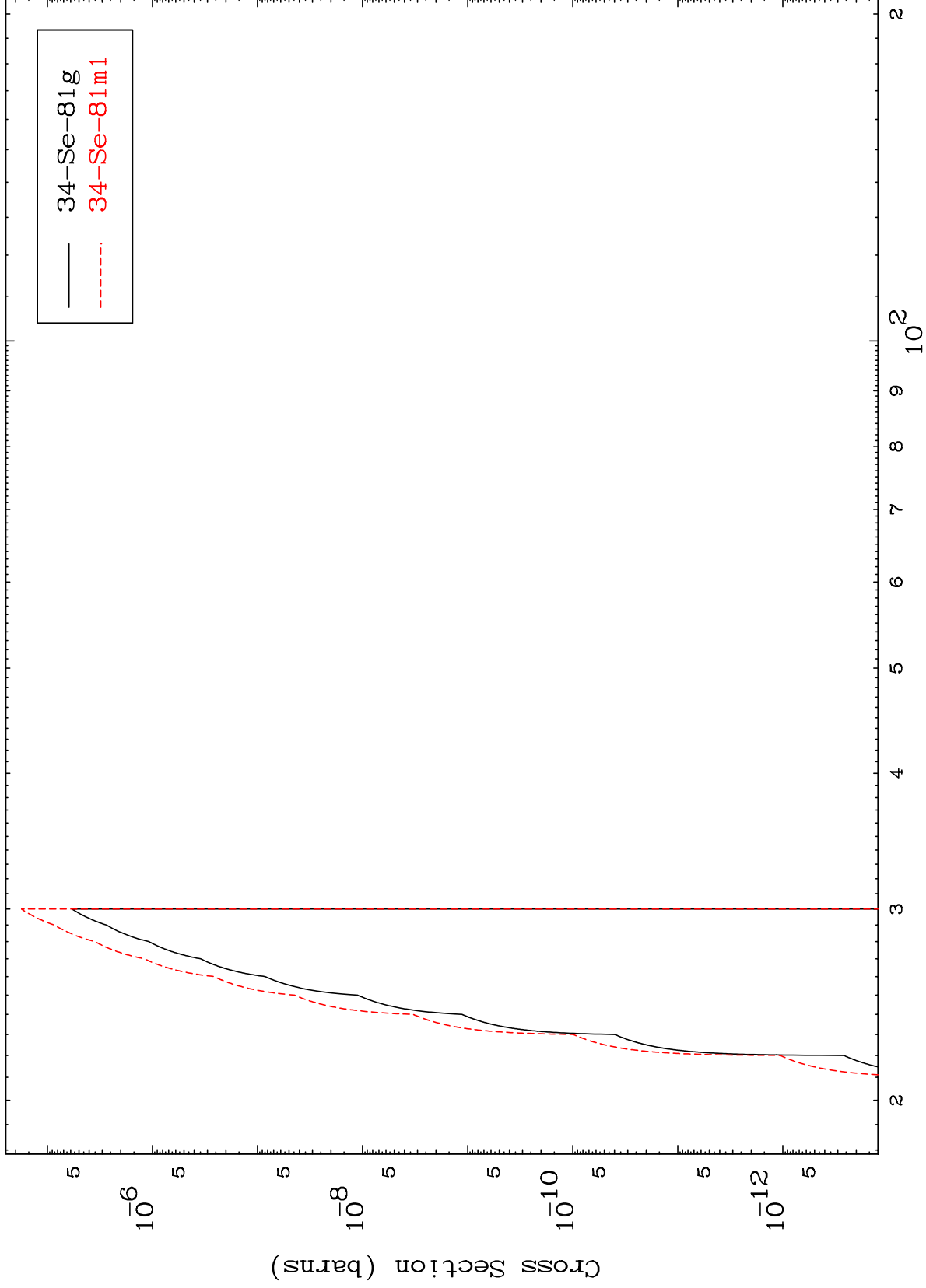


27

Incident Energy (MeV)

36-Kr-83

Radionuclide Production Cross Section

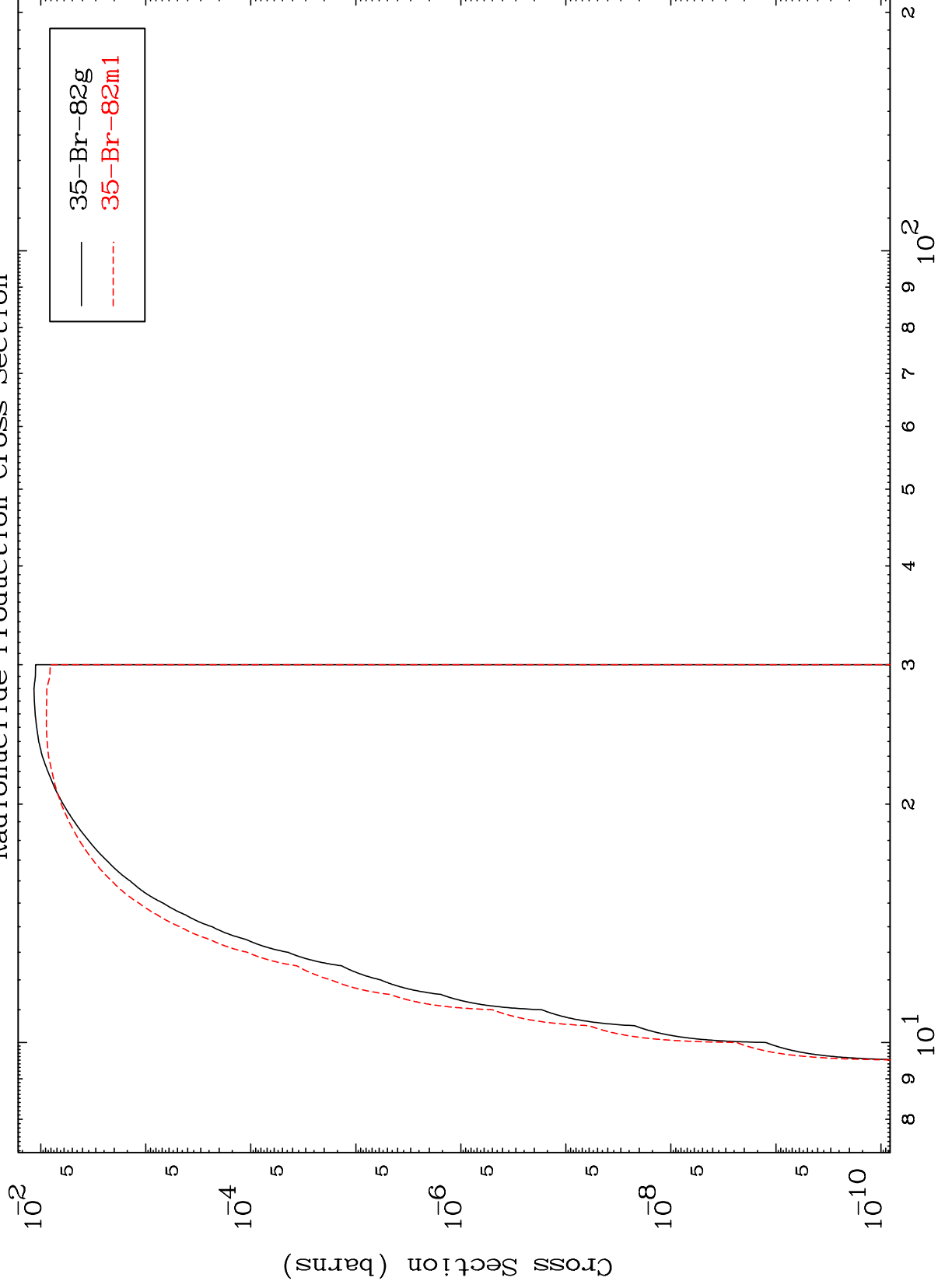


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(n,d)

36-Kr-83

Radionuclide Production Cross Section



29

Incident Energy (MeV)

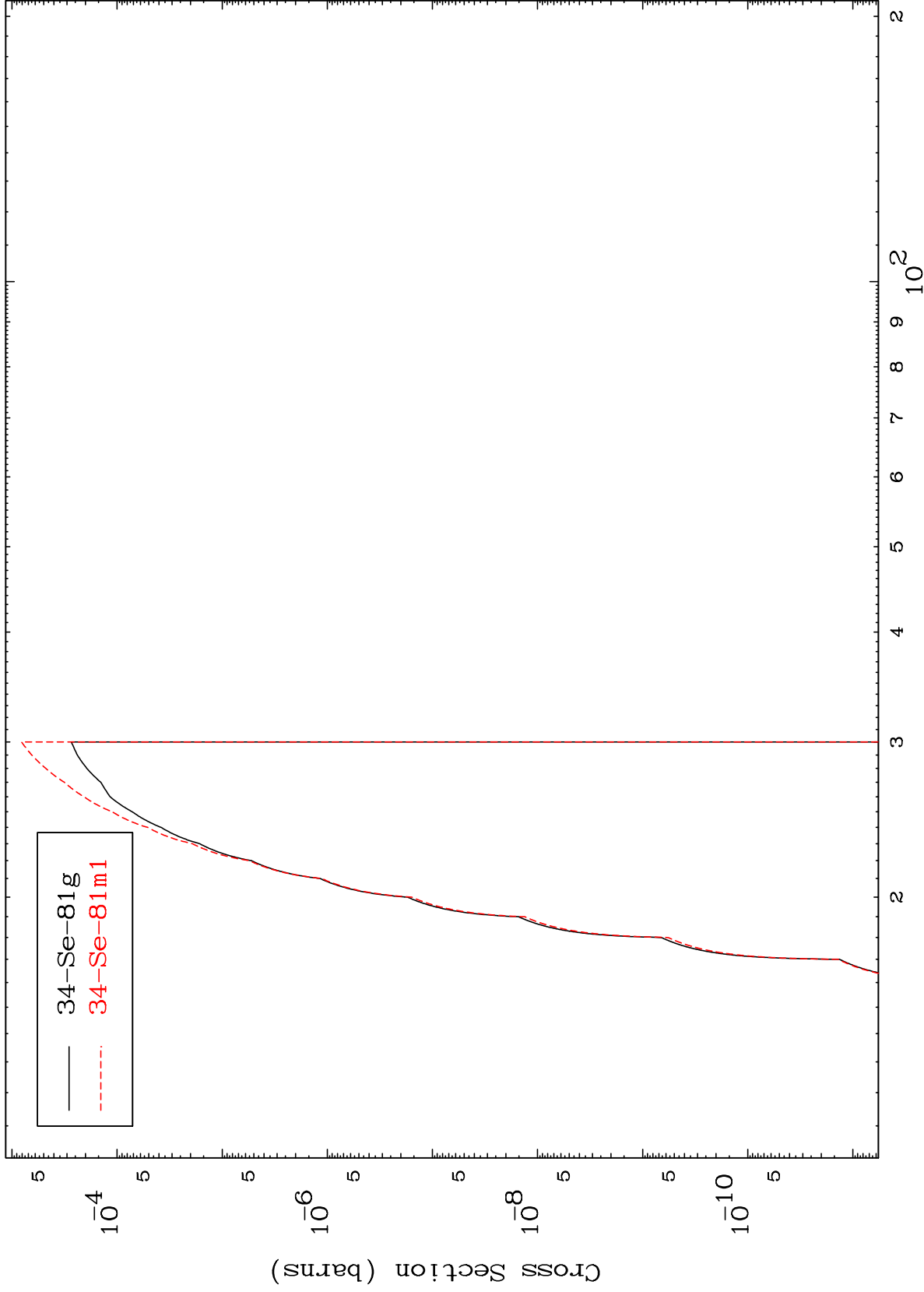
36-Kr-83

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(n,He-3)

36-Kr-83

Radionuclide Production Cross Section



30

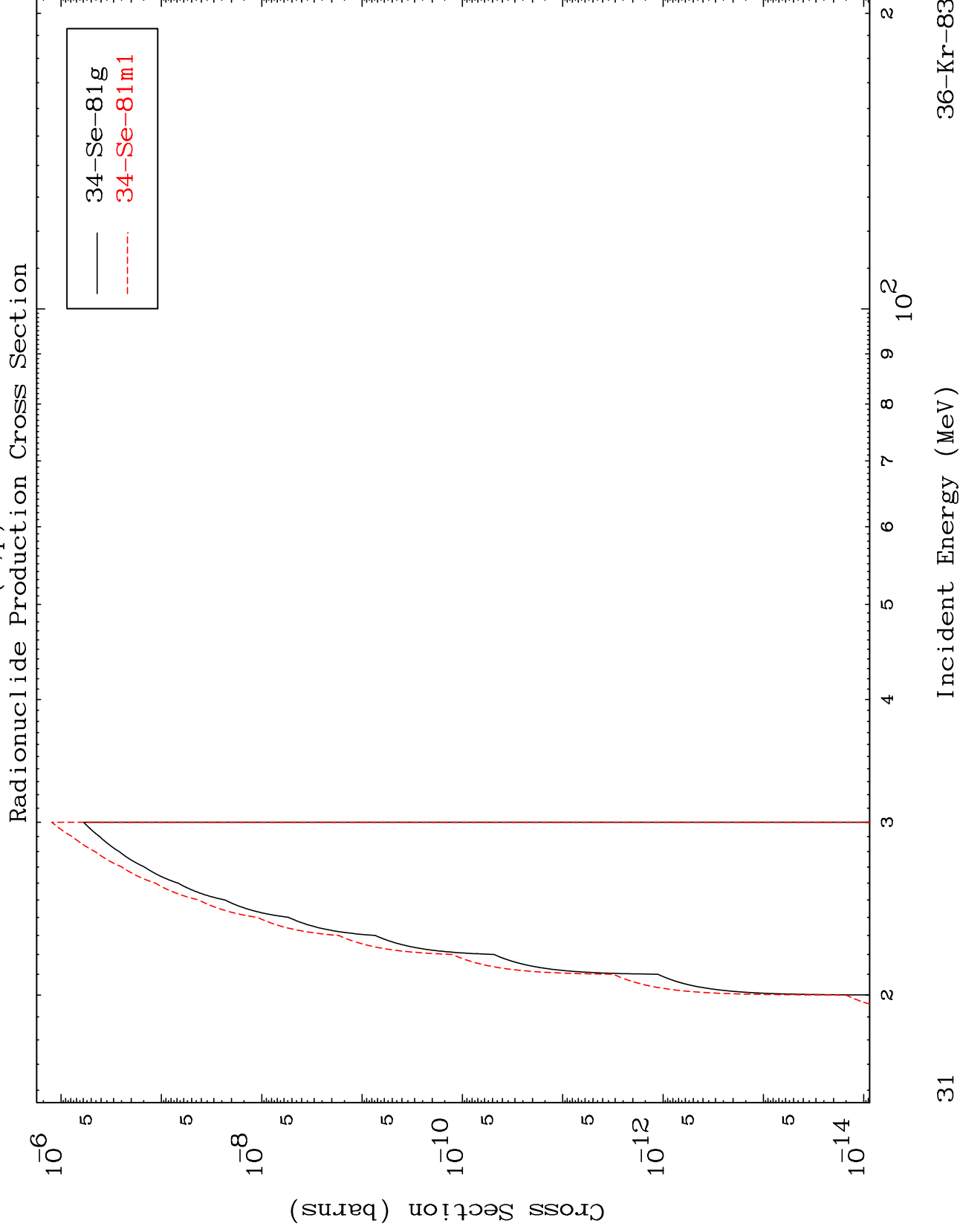
Incident Energy (MeV)

36-Kr-83

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(n,p) d

36-Kr-83



31

Incident Energy (MeV)

36-Kr-83