

Program EVALPLOT  
(Version 2018-1)

by

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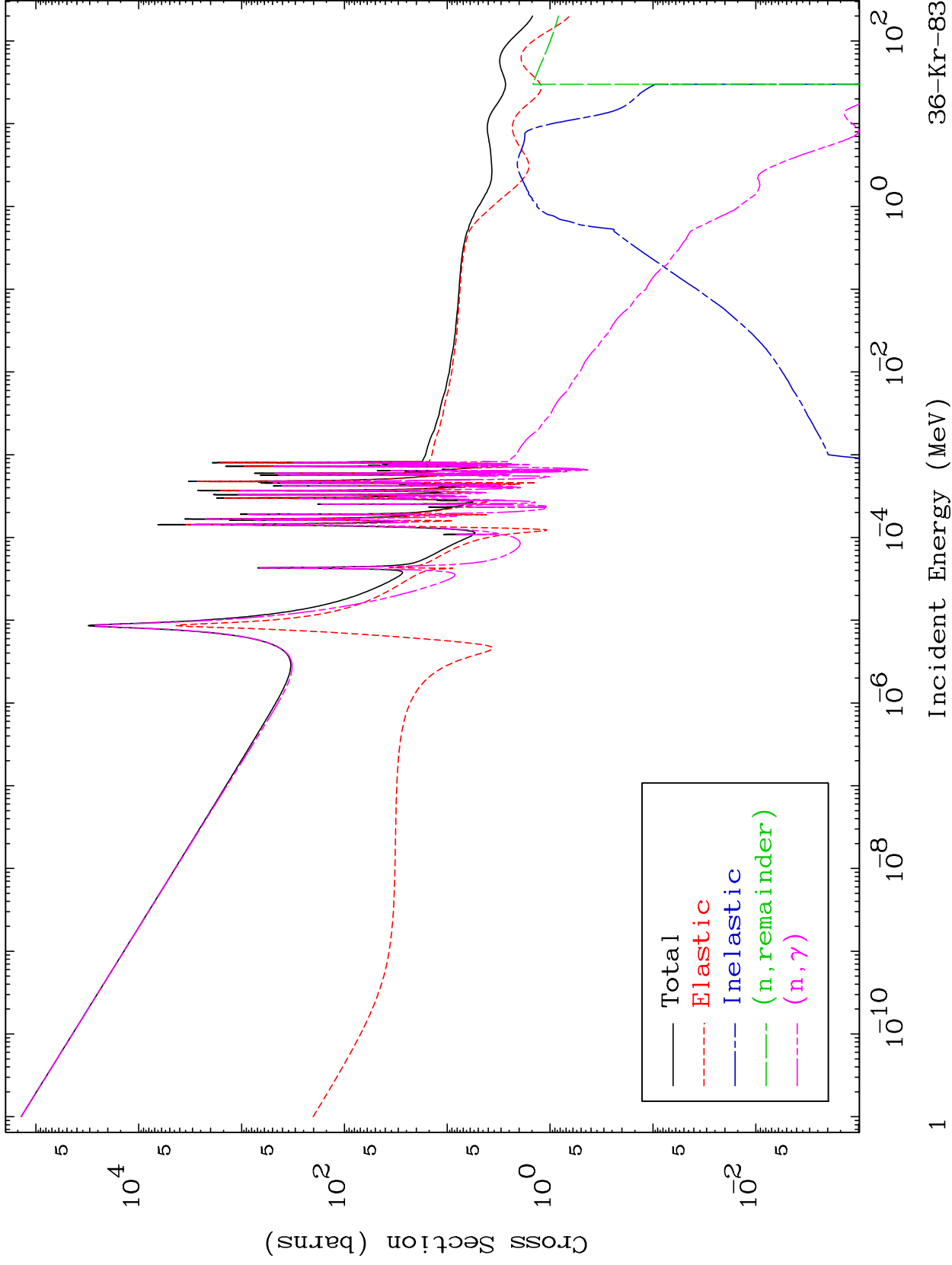
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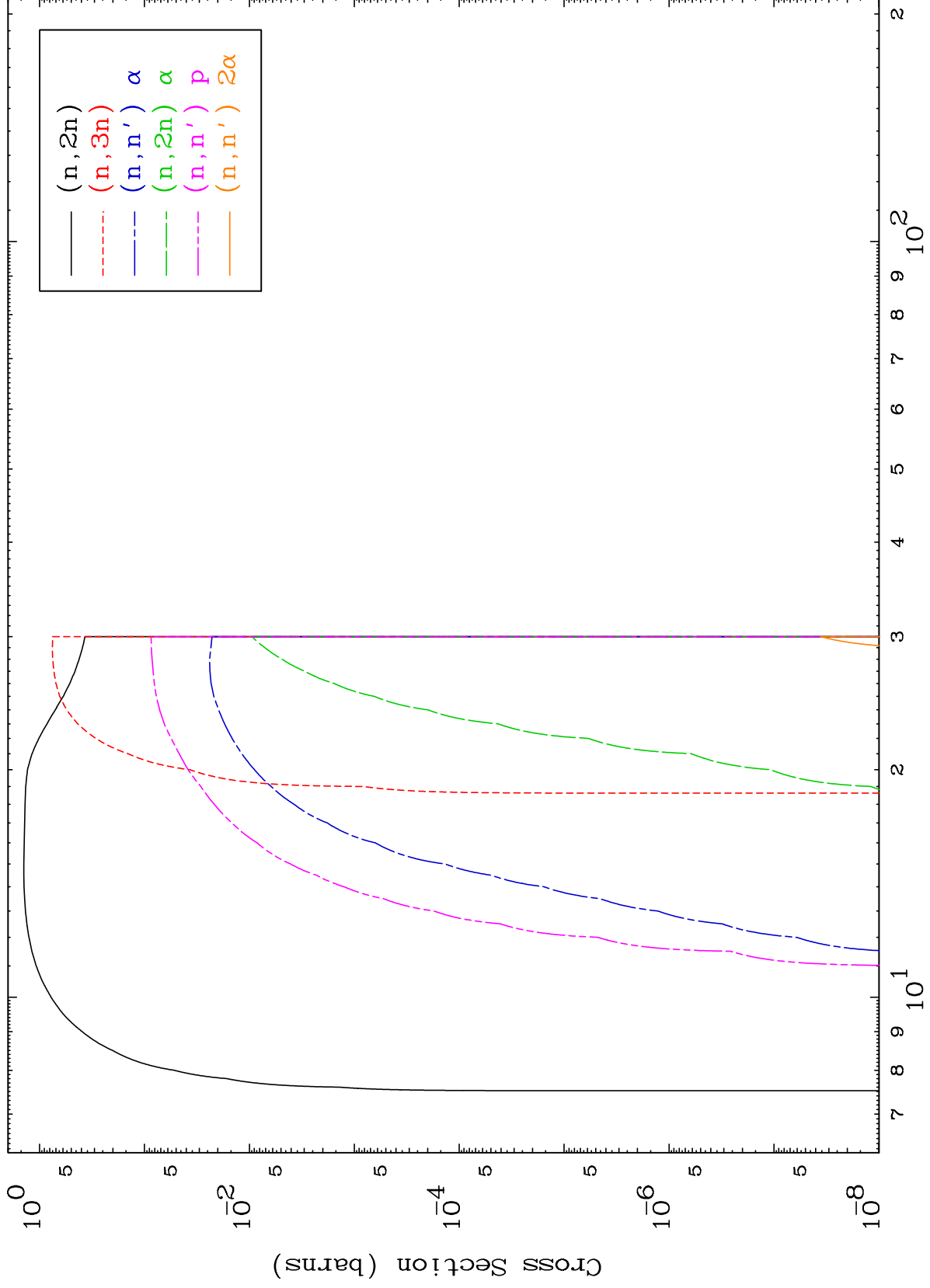
Press Mouse Button to Start

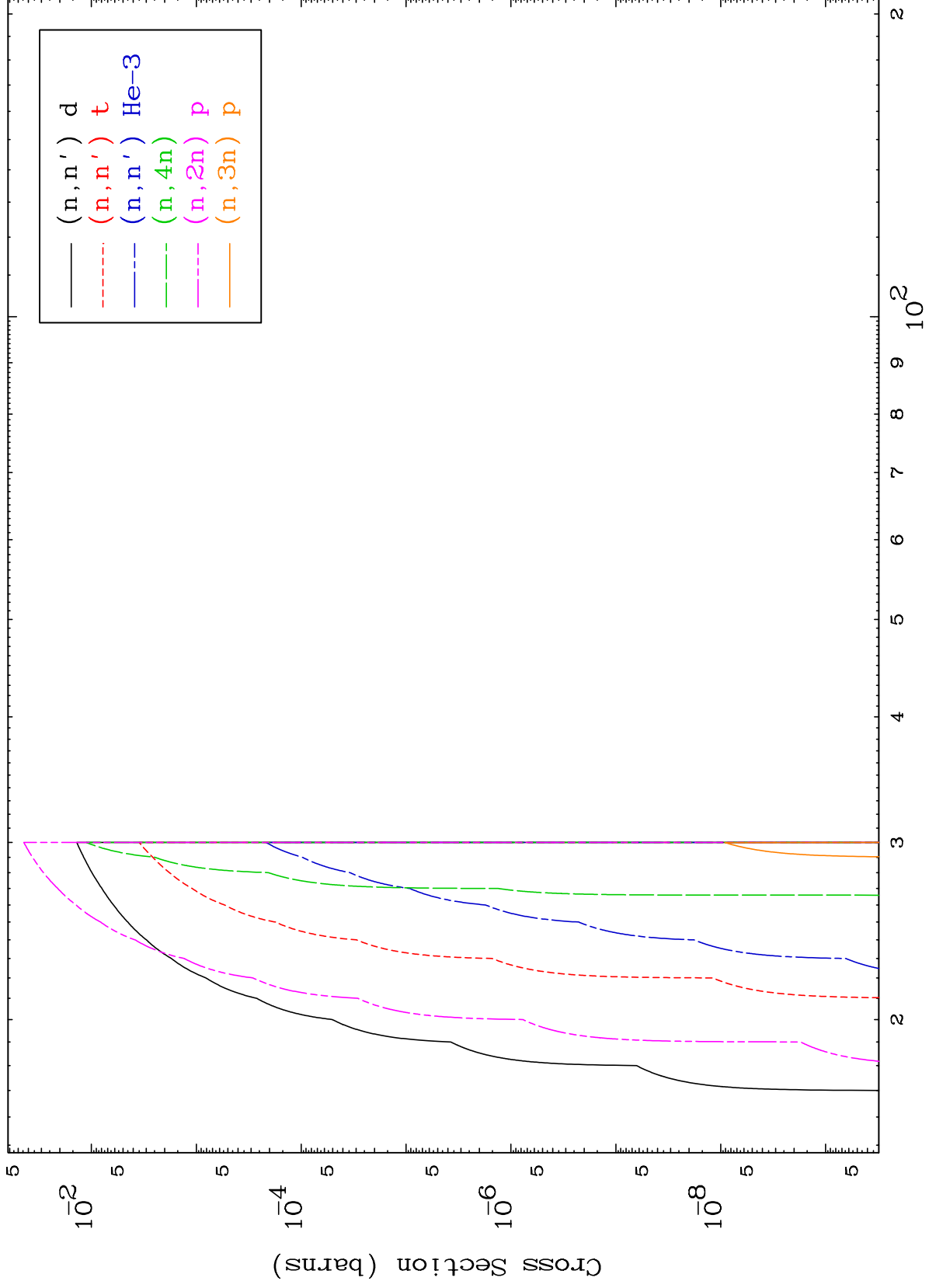
MAT 3641

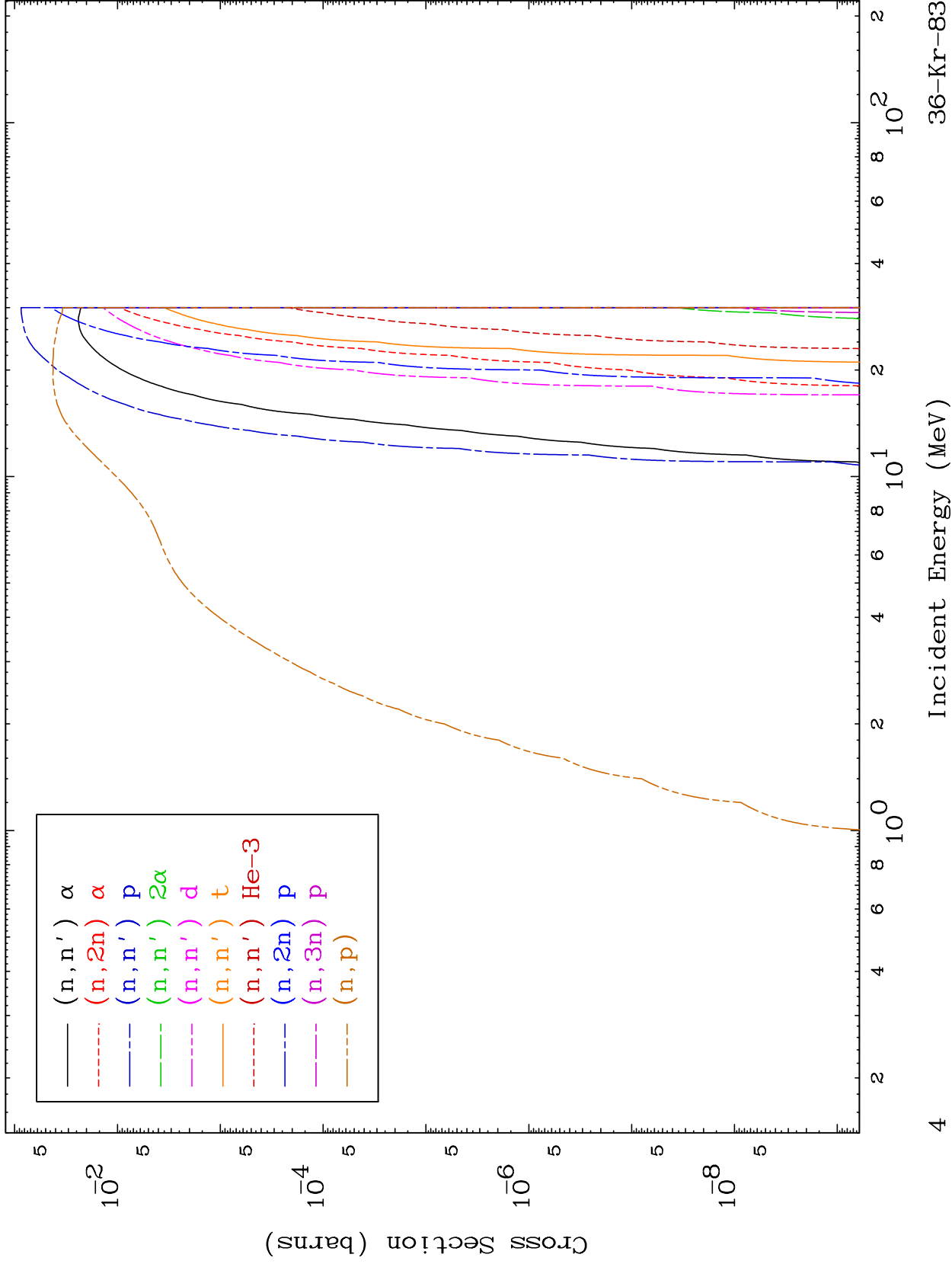
Major  
293 Kelvin Cross Sections

36-Kr-83





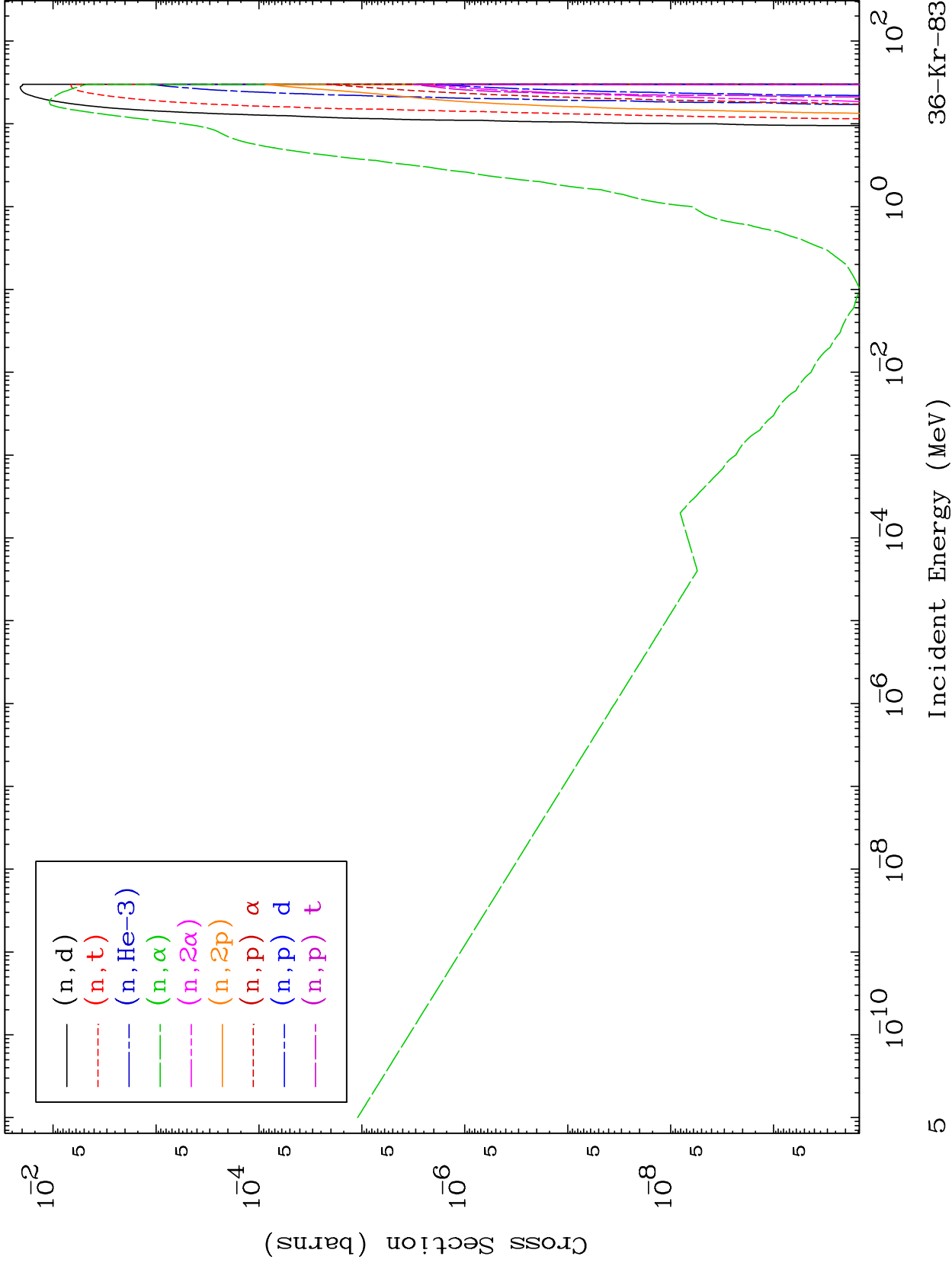




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Charged Particle  
293 Kelvin Cross Sections

36-Kr-83



5

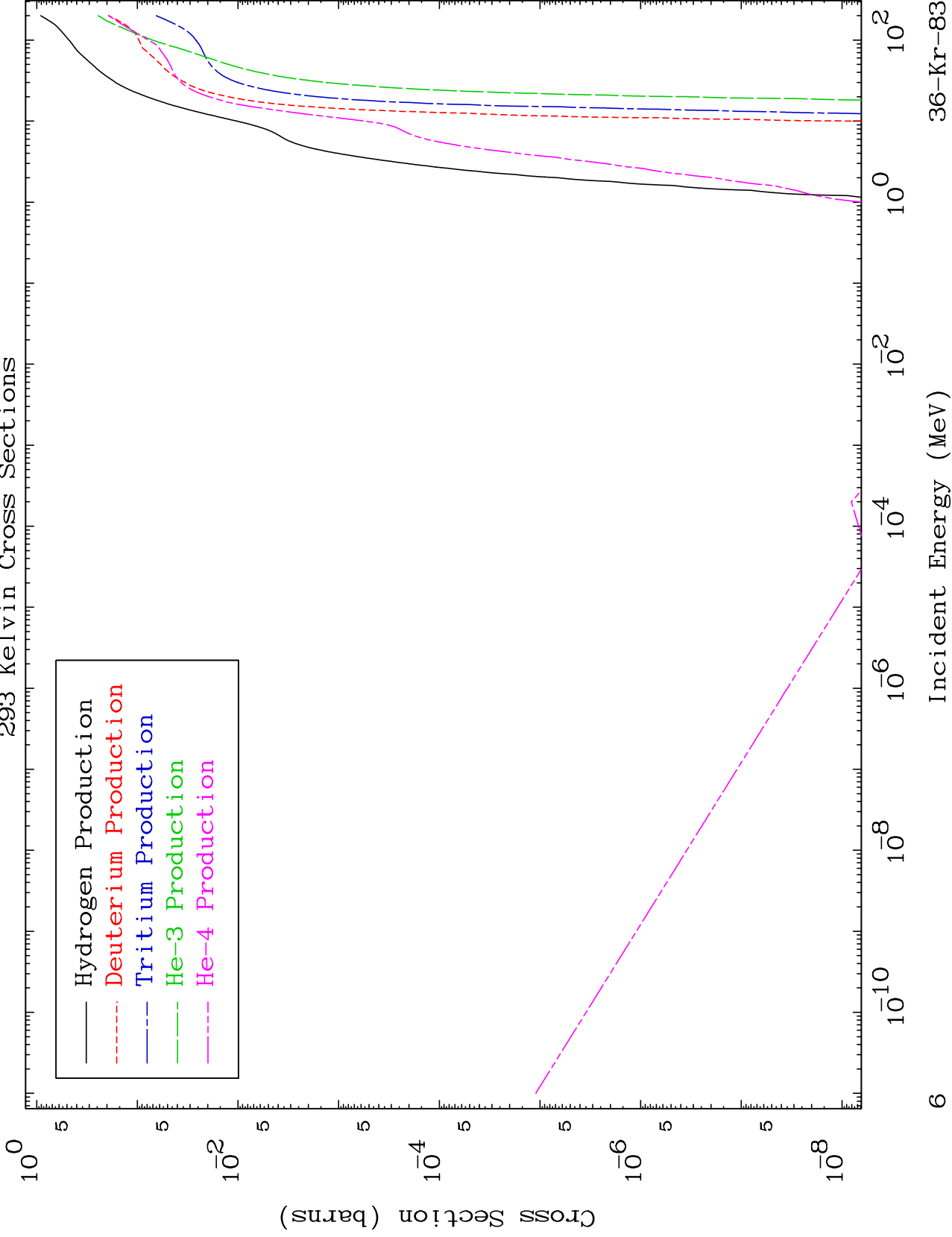
Incident Energy (MeV)

36-Kr-83

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Particle Production  
293 Kelvin Cross Sections

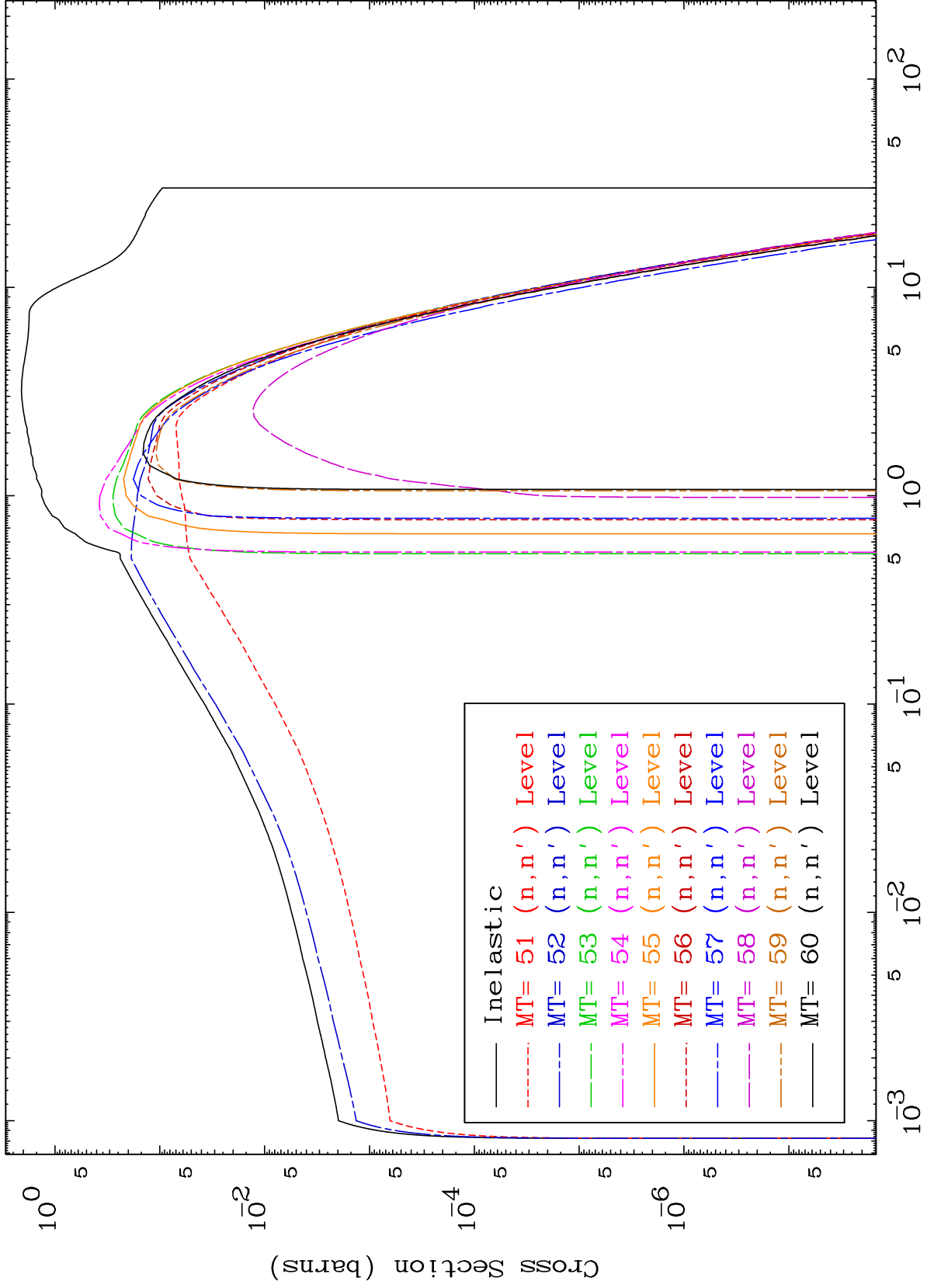
36-Kr-83



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(n,n') Level  
293 Kelvin Cross Sections

36-Kr-83



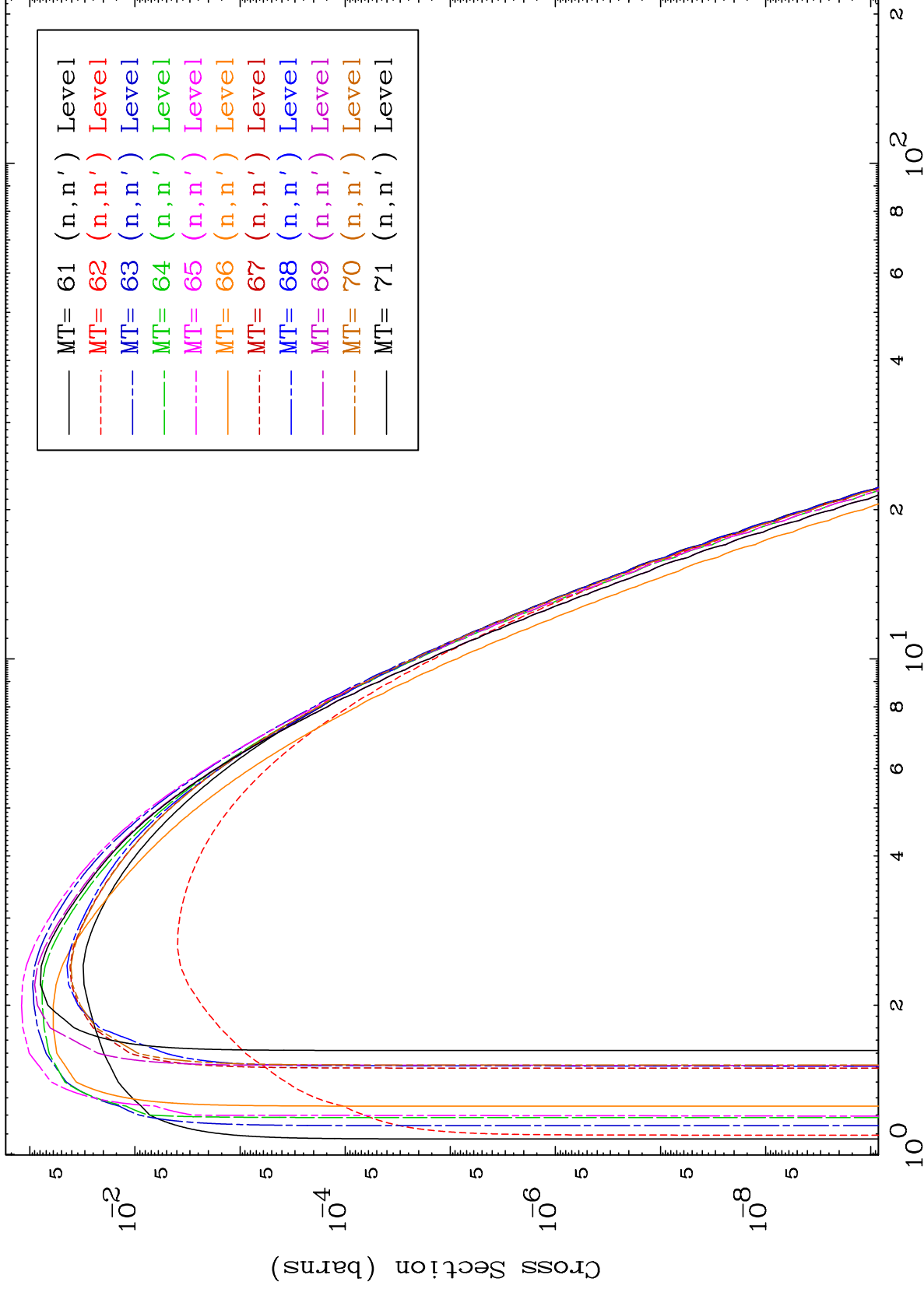


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(n,n') Level

36-Kr-83

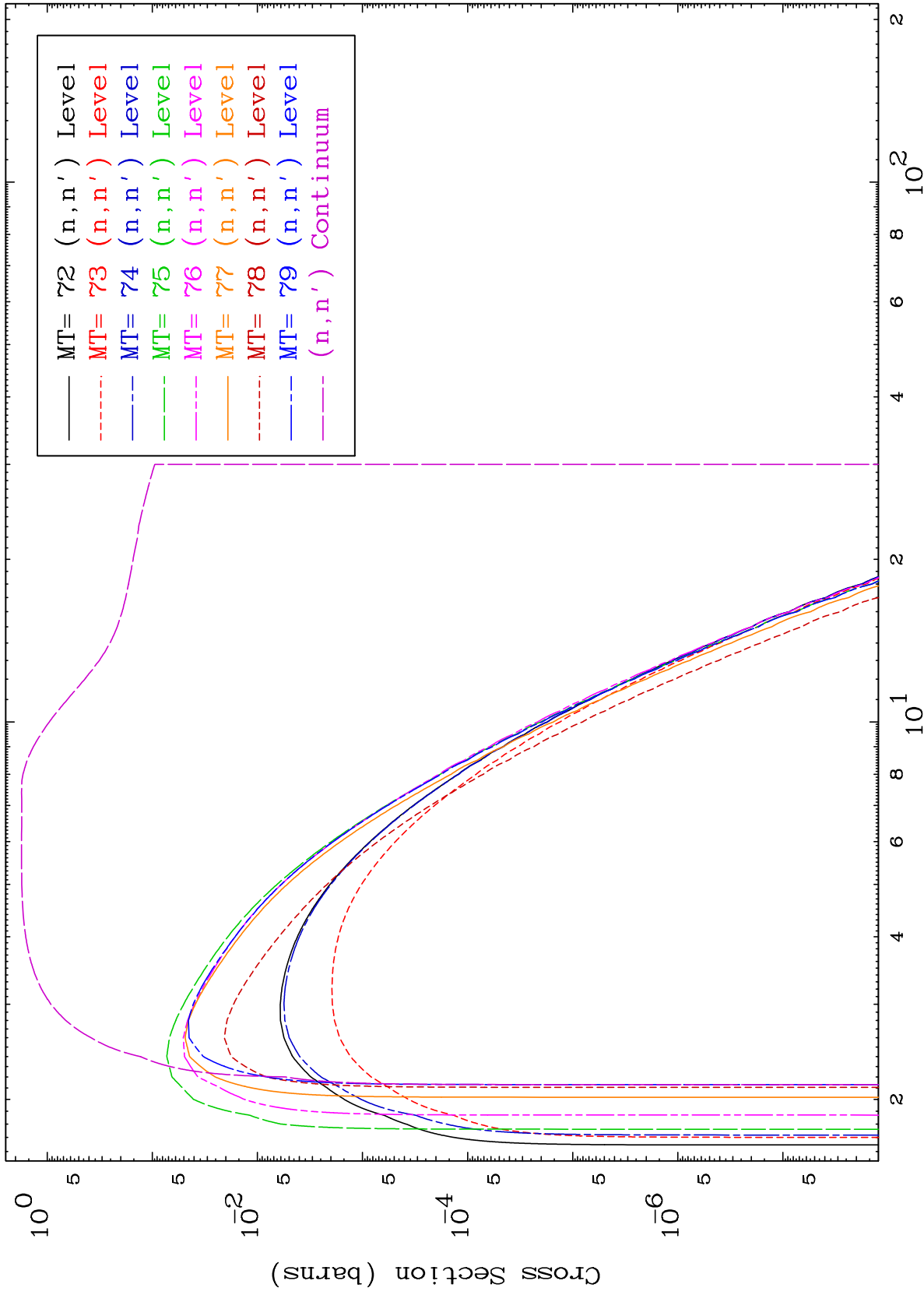
293 Kelvin Cross Sections



Incident Energy (MeV)

36-Kr-83

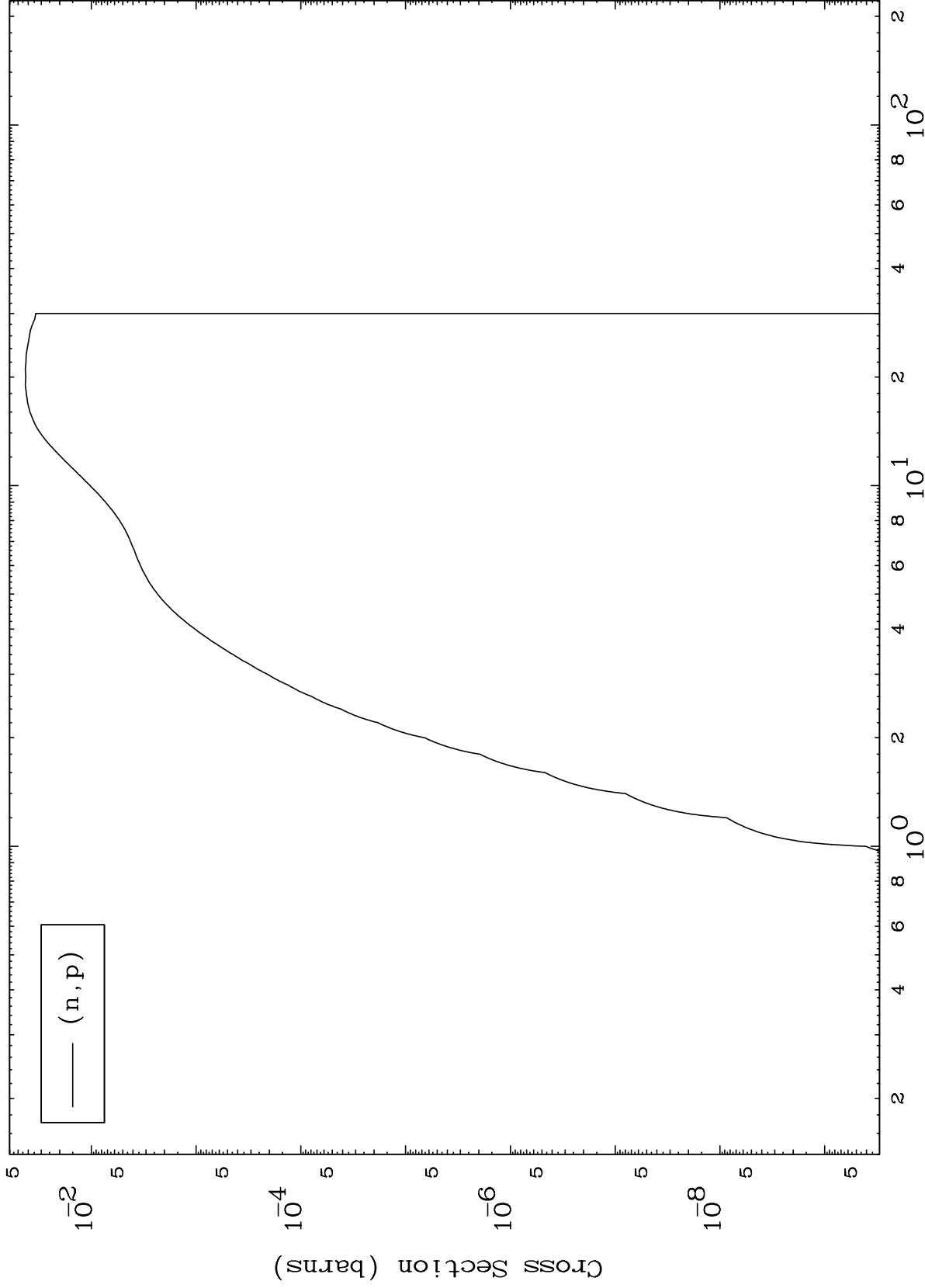
293 Kelvin Cross Sections



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(n,p) Levels  
293 Kelvin Cross Sections

36-Kr-83



(n,p)

10

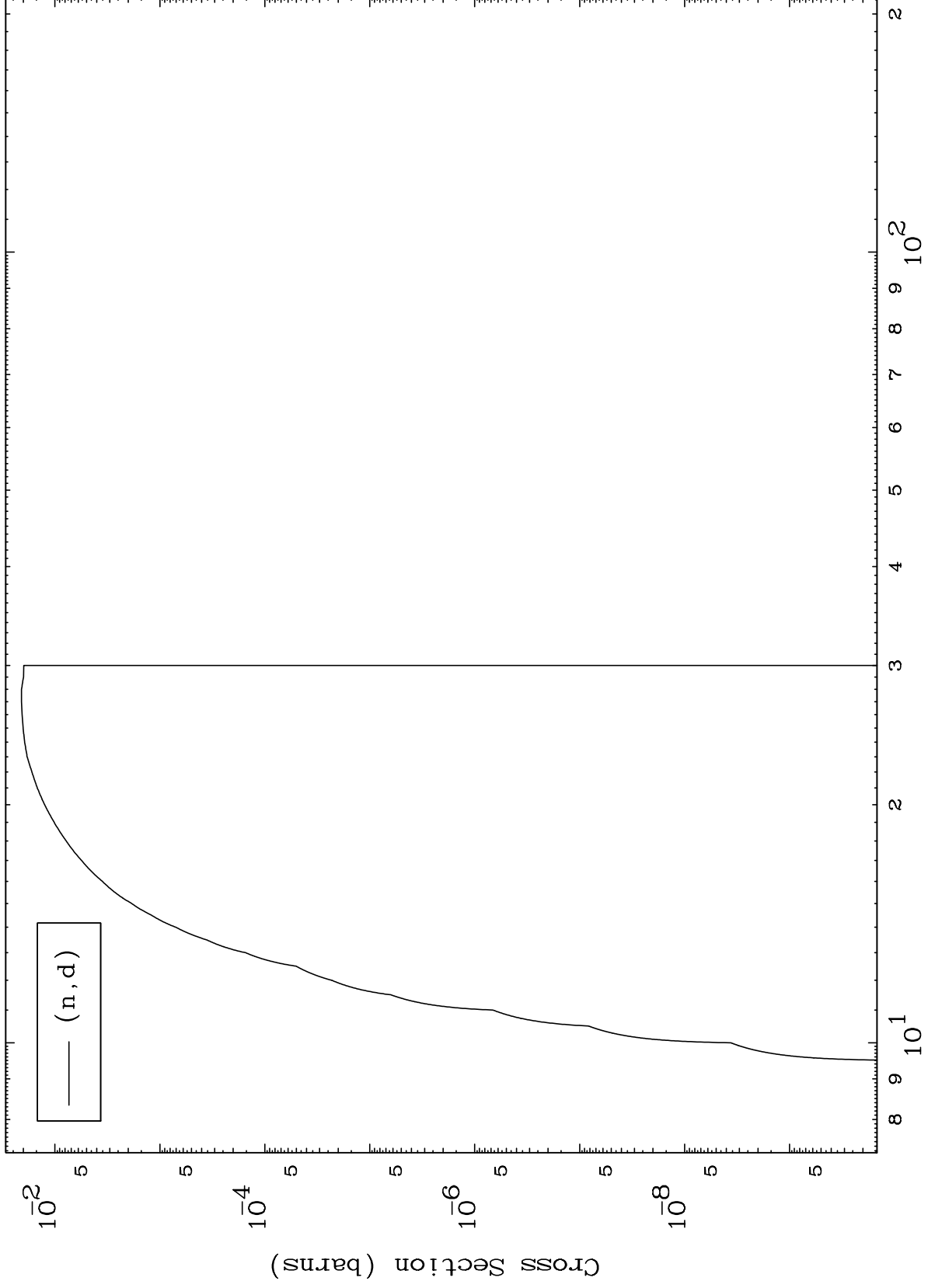
Incident Energy (MeV)

36-Kr-83

MAT 3641

(n,d) Levels  
293 Kelvin Cross Sections

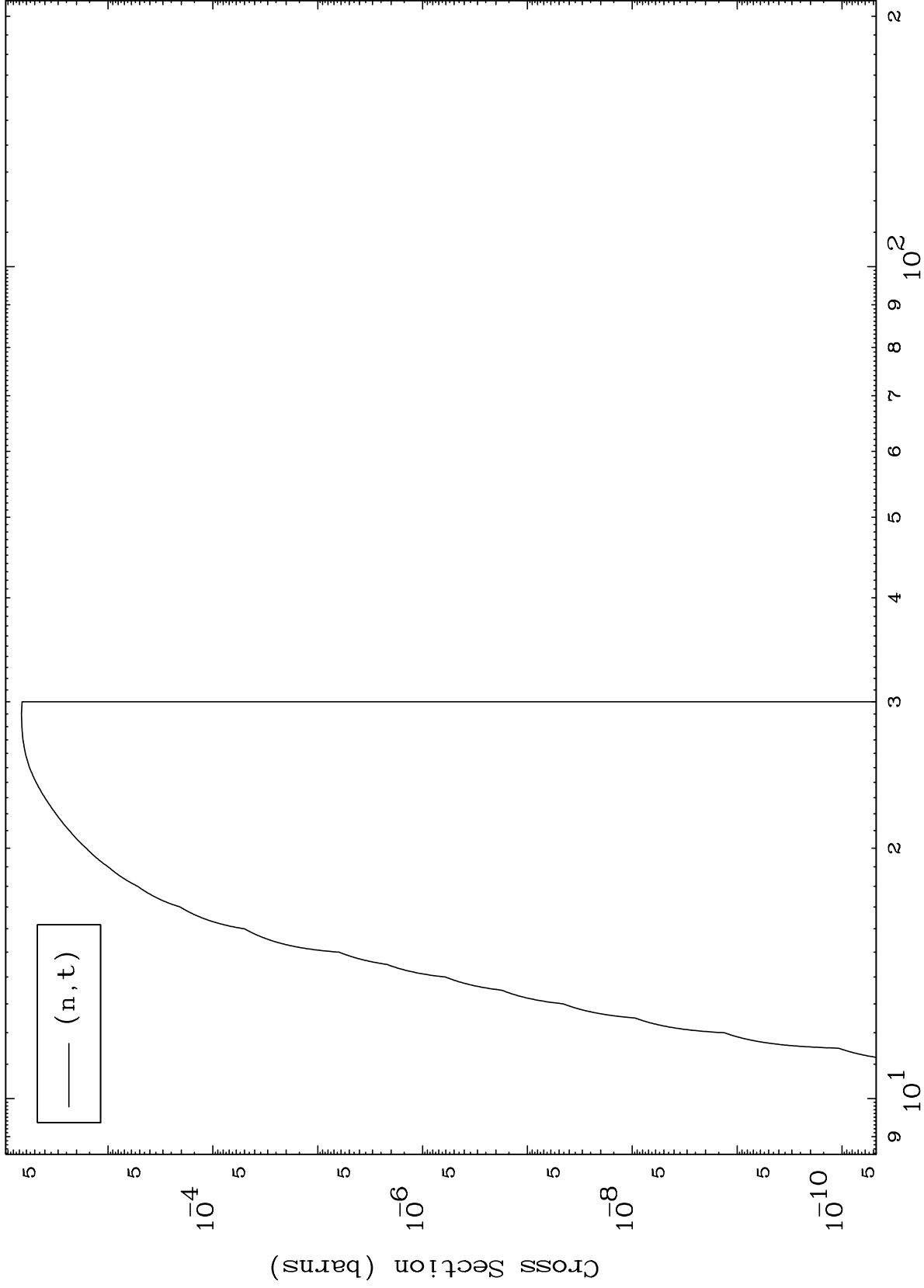
36-Kr-83



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(n,t) Levels  
293 Kelvin Cross Sections

36-Kr-83



12

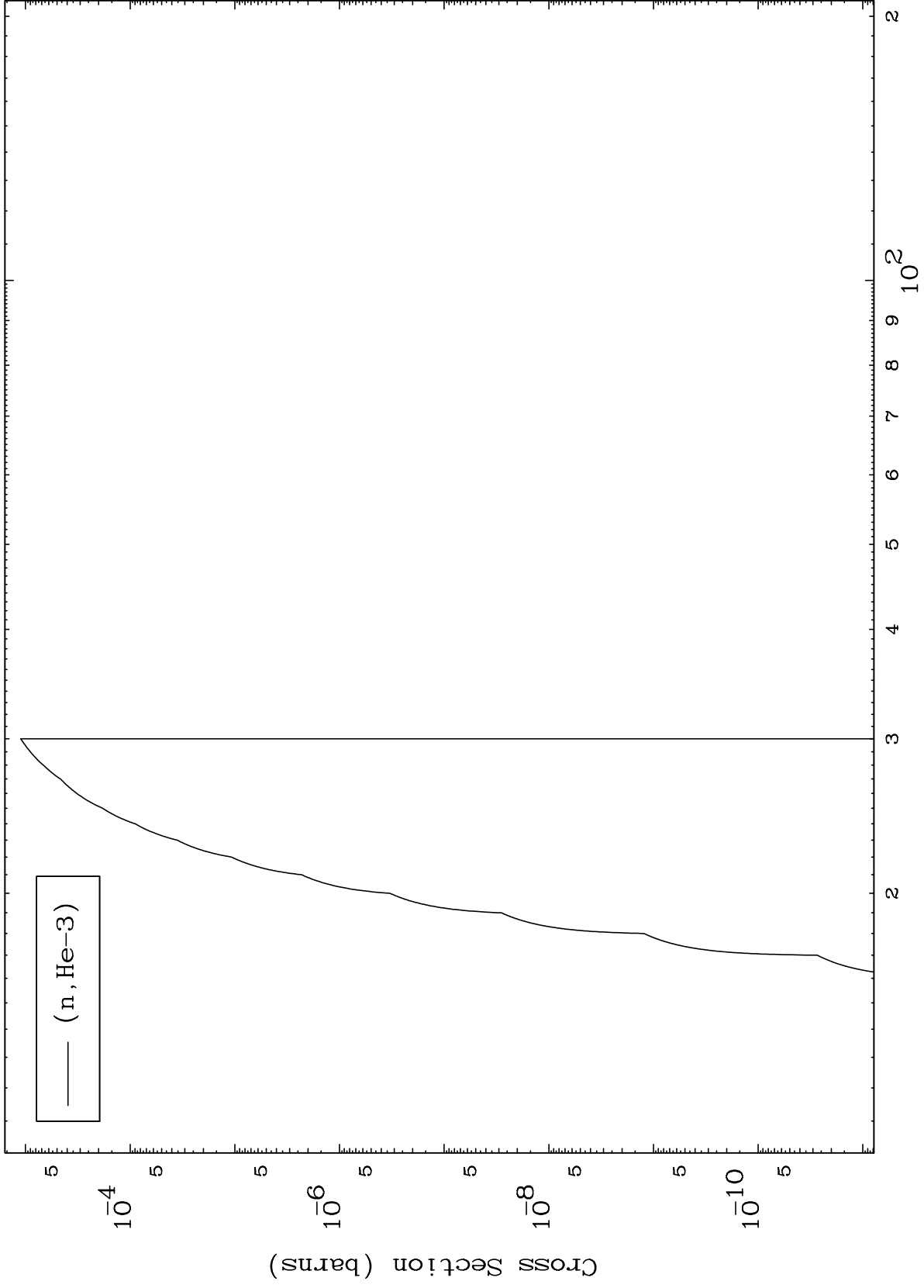
Incident Energy (MeV)

36-Kr-83

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(n,He3) Levels  
293 Kelvin Cross Sections

36-Kr-83



13

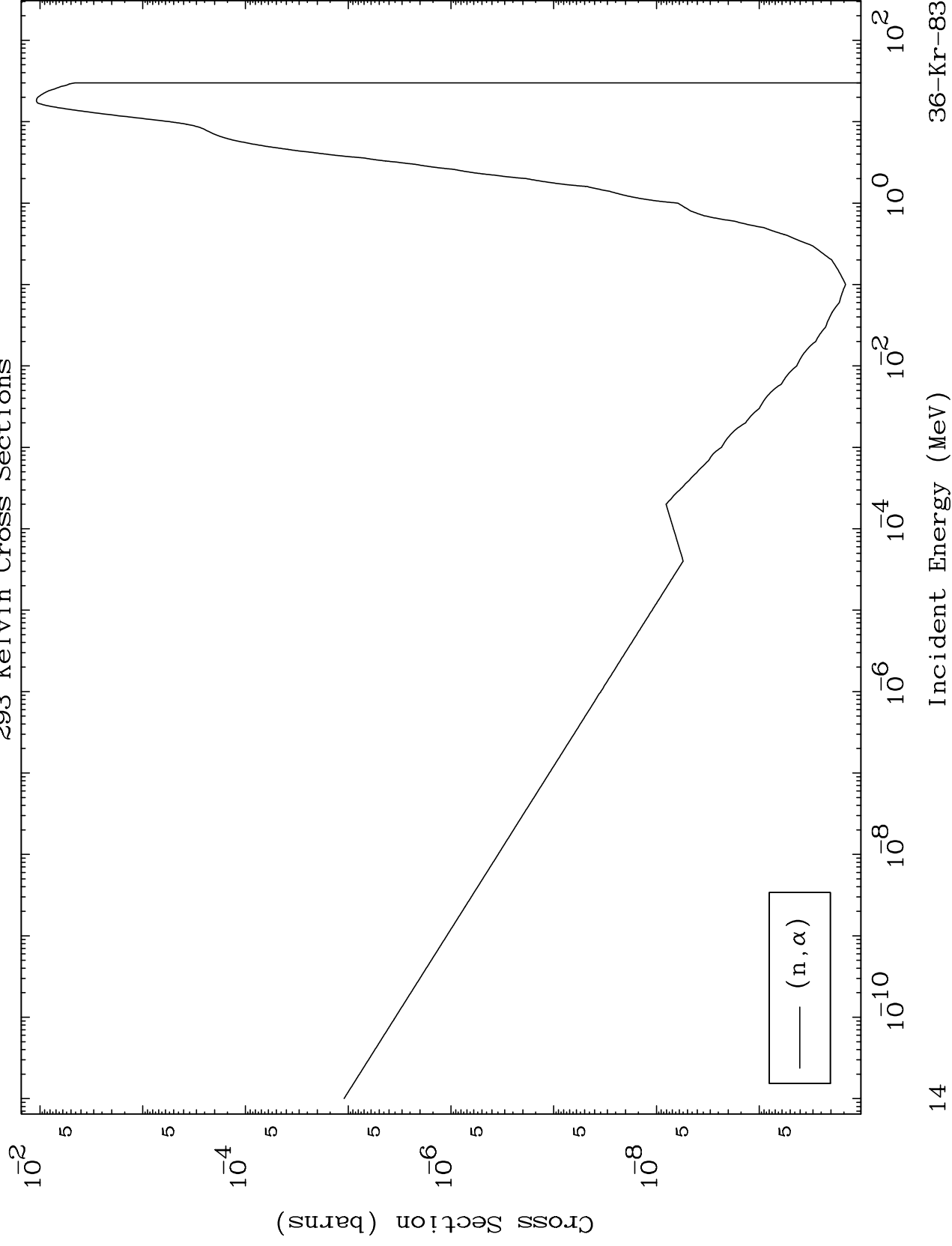
Incident Energy (MeV)

36-Kr-83

MAT 3641

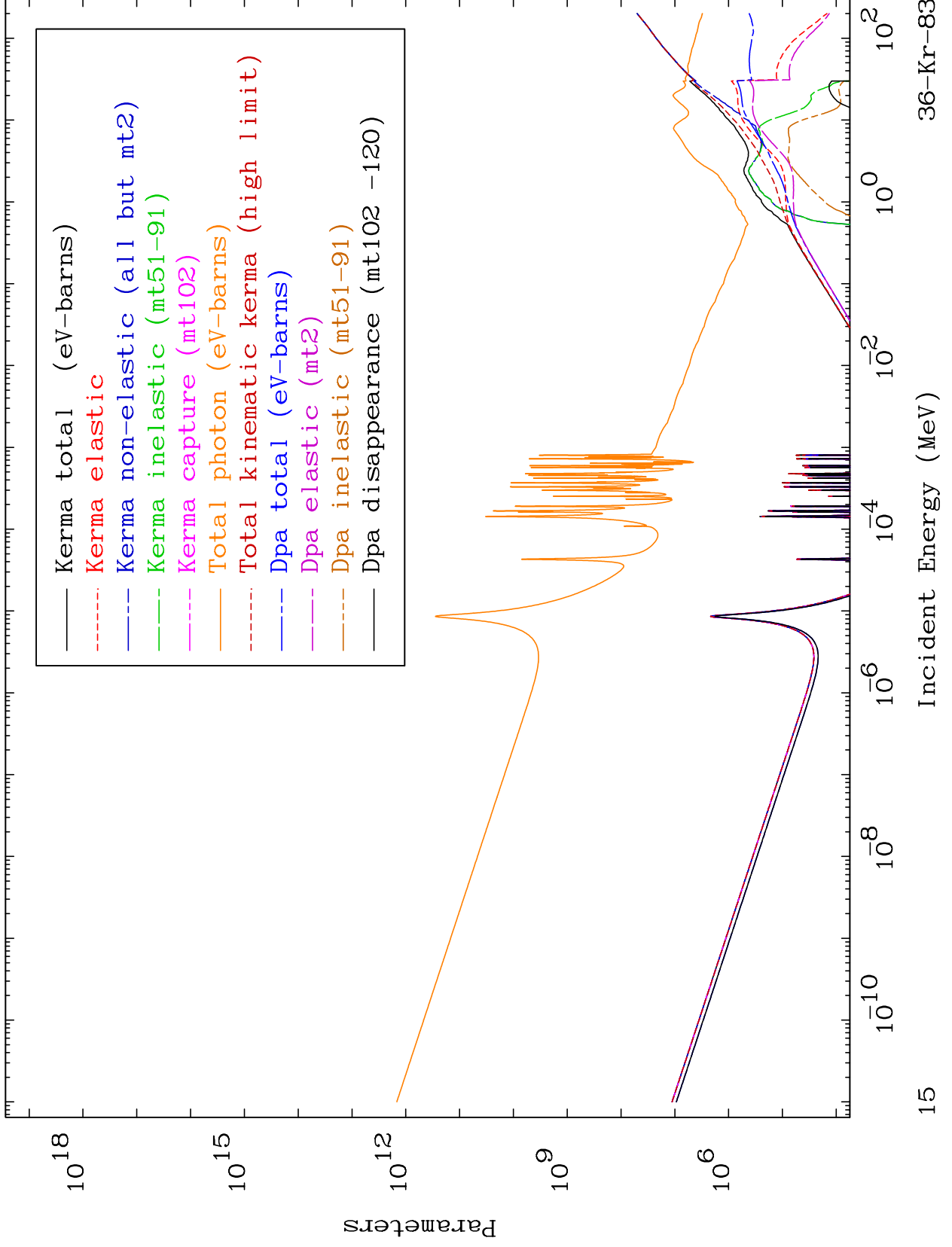
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

36-Kr-83



14

36-Kr-83

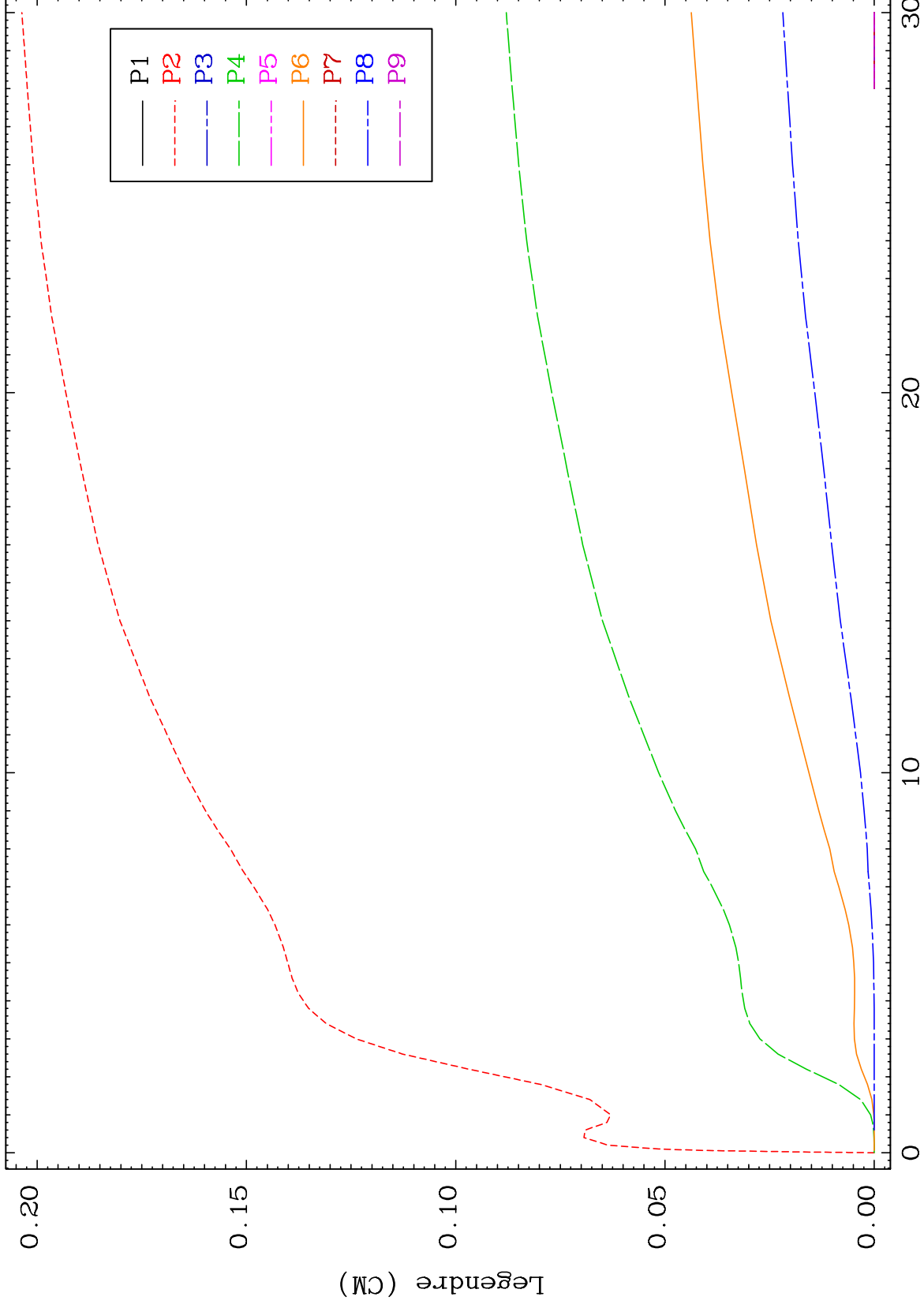




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Elastic Legendre Coefficients

<sup>36</sup>Kr-83



16

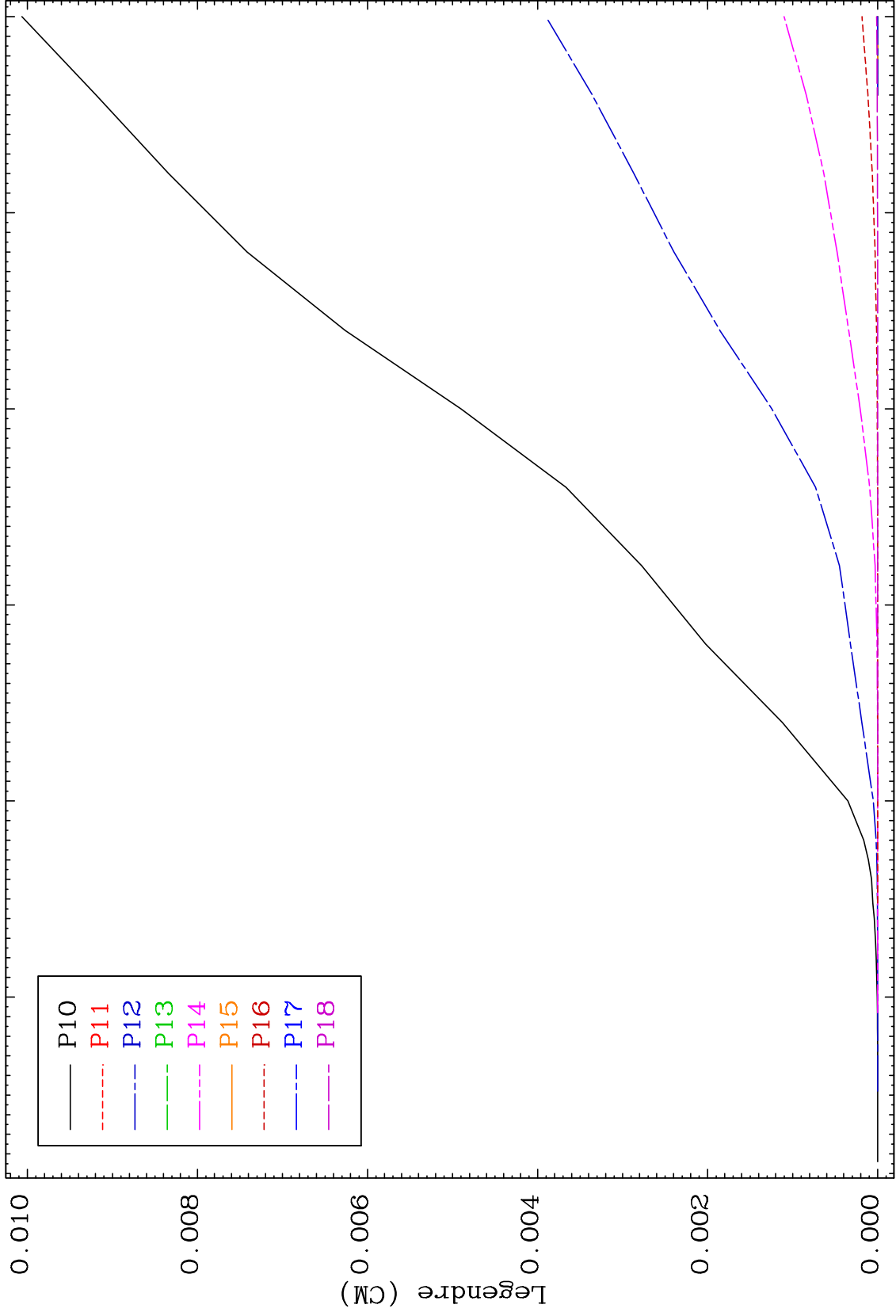
Incident Energy (MeV)

<sup>36</sup>Kr-83

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Elastic Legendre Coefficients

36-Kr-83



17

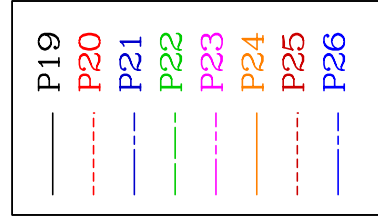
36-Kr-83

Incident Energy (MeV)

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Elastic Legendre Coefficients

36-Kr-83



$\times 10^{-7}$

6

4

2

0

Legendre (CM)

15

20

25

30

18

Incident Energy (MeV)

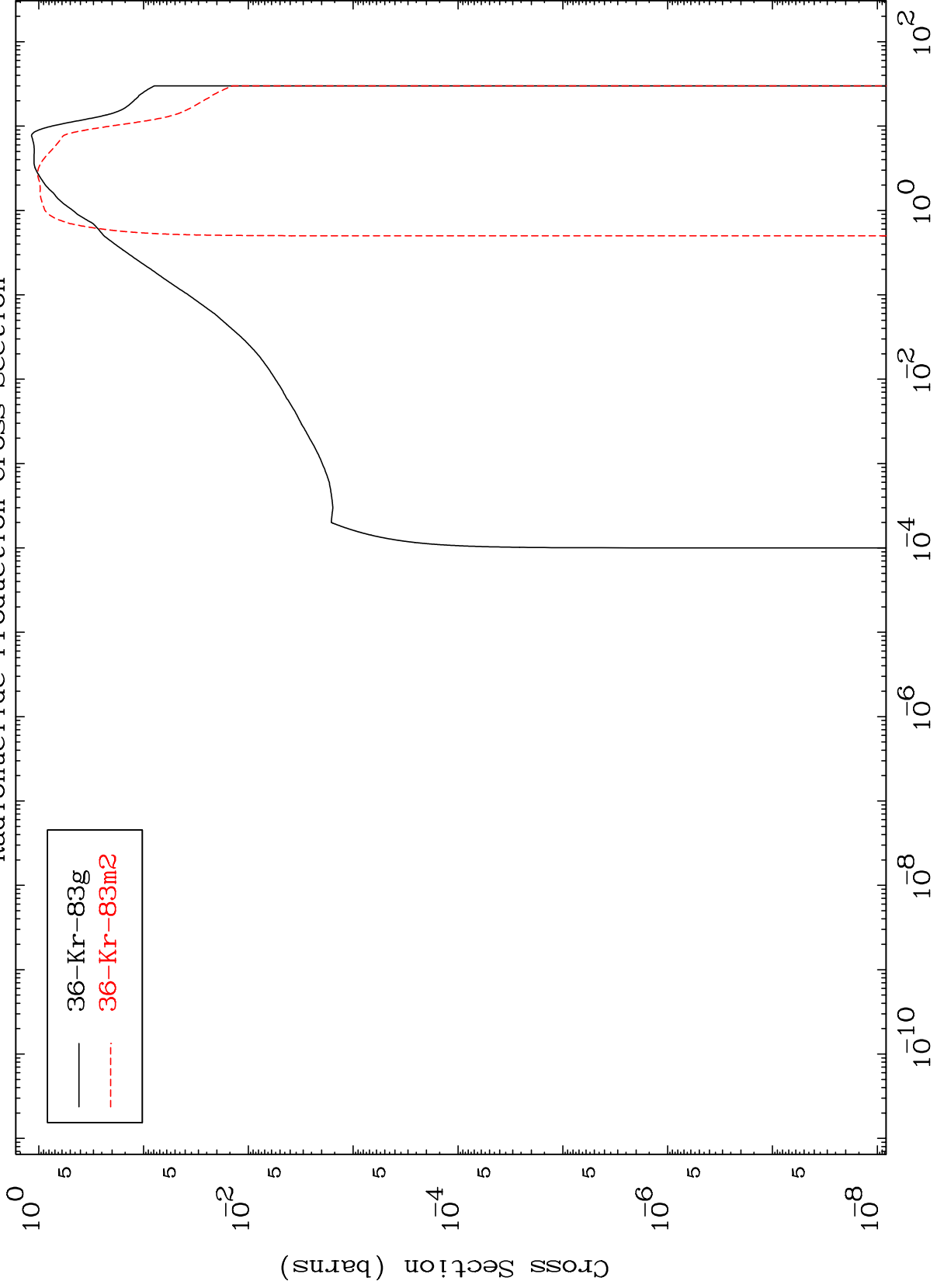
36-Kr-83



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Inelastic  
Radionuclide Production Cross Section

36-Kr-83



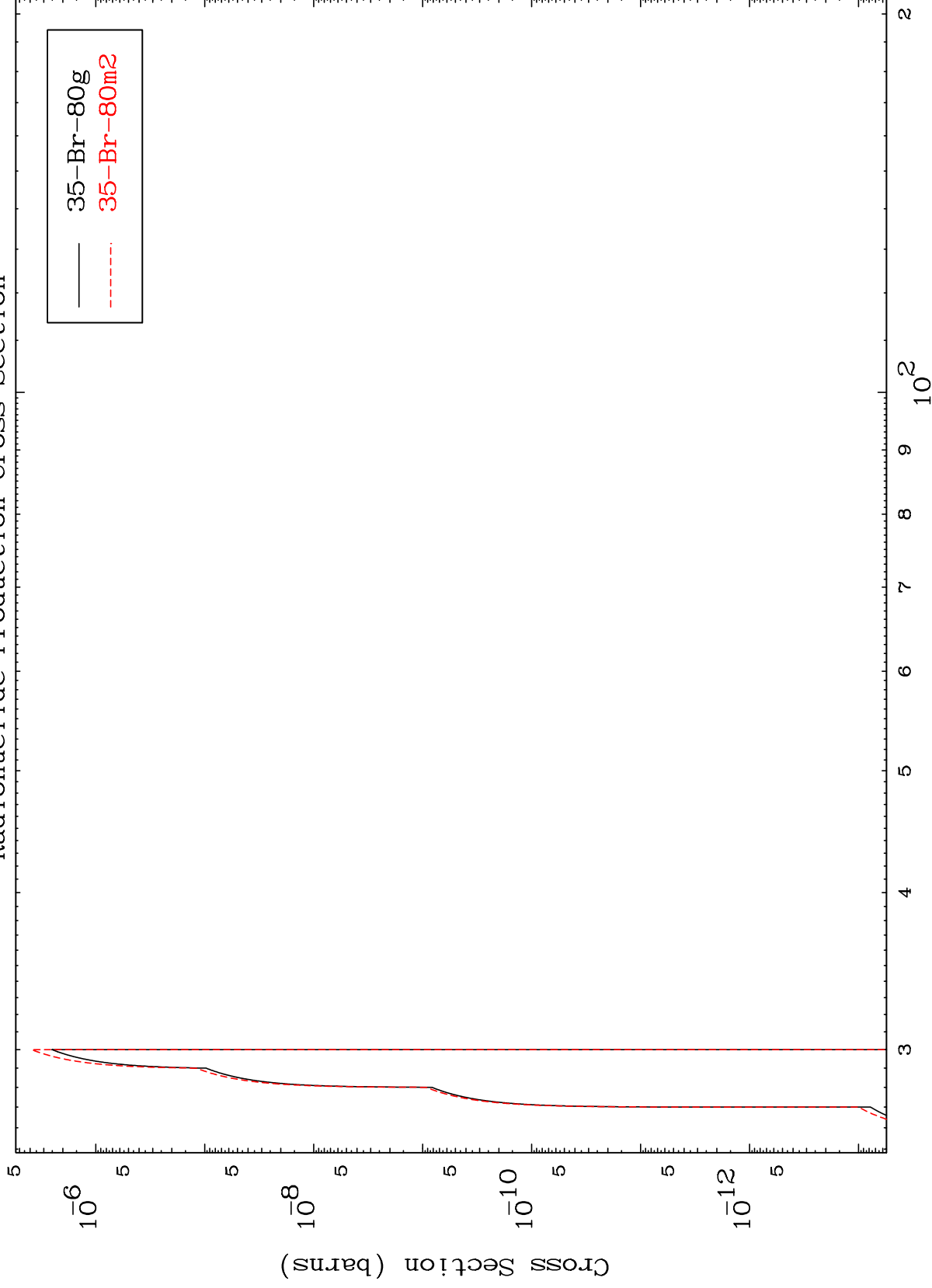
36-Kr-83

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(n,2n) d

36-Kr-83

Radionuclide Production Cross Section



20

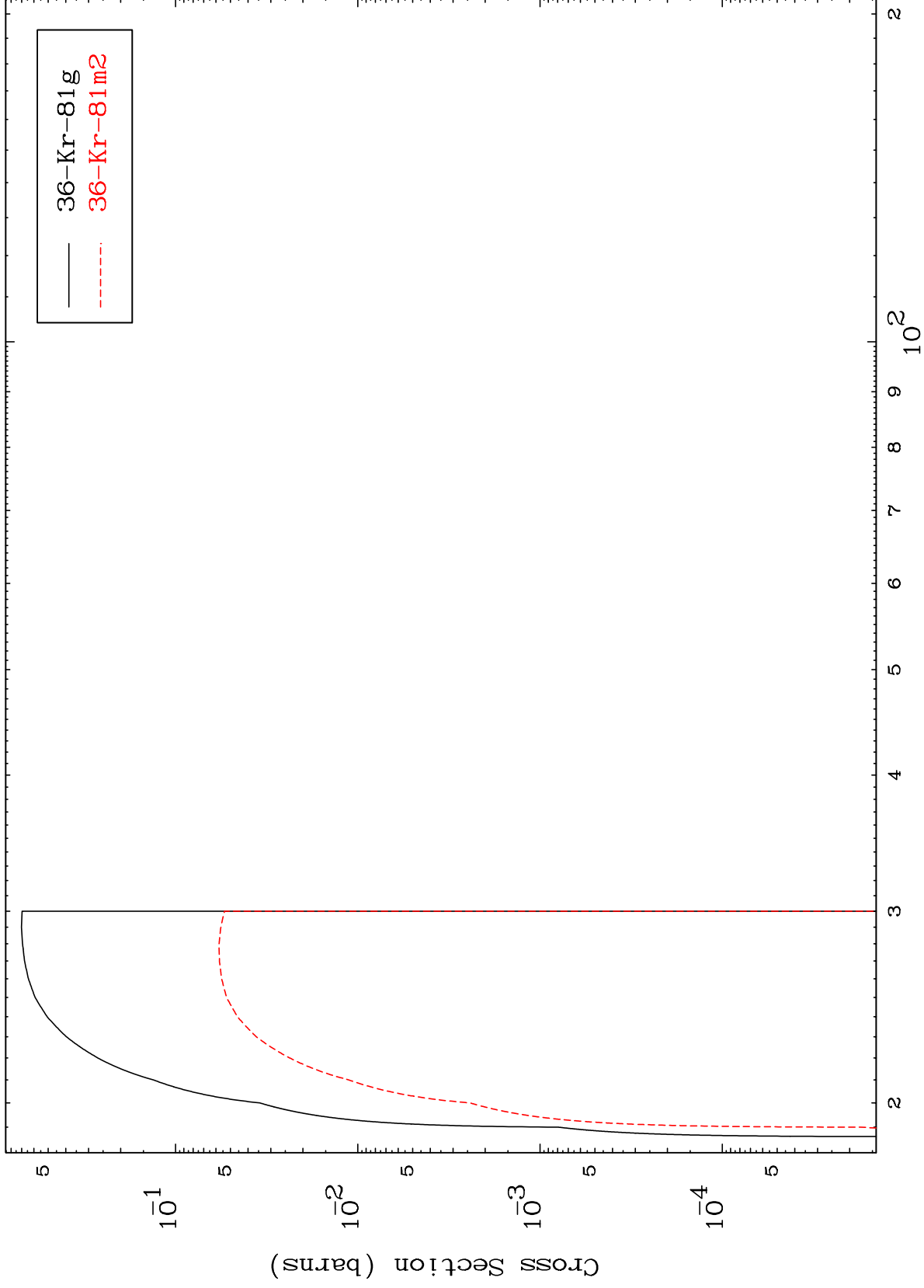
Incident Energy (MeV)

36-Kr-83

MAT 3641

36-Kr-83

(n,3n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

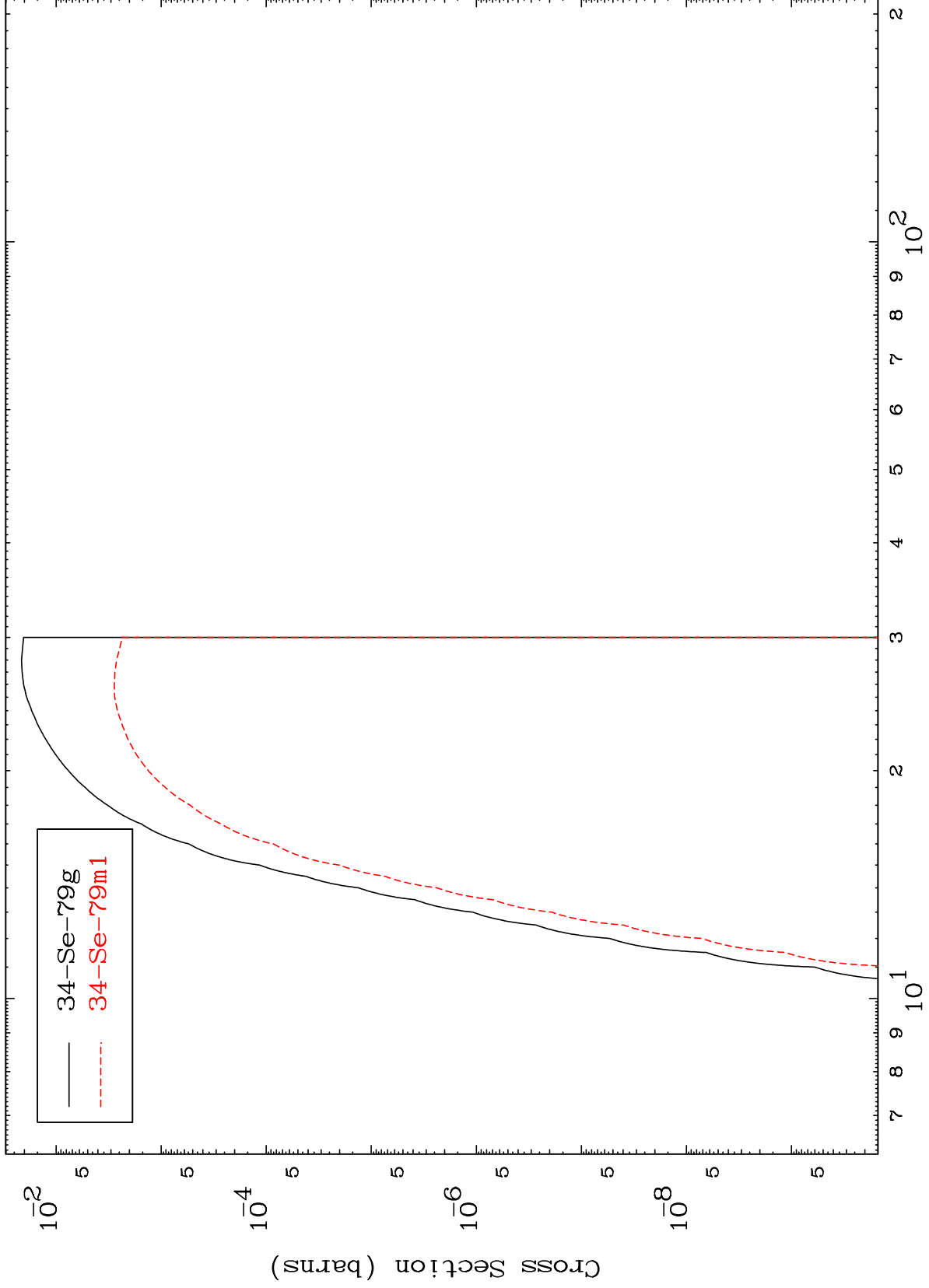
36-Kr-83

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$(n, n') \alpha$

36-Kr-83

Radionuclide Production Cross Section



22

Incident Energy (MeV)

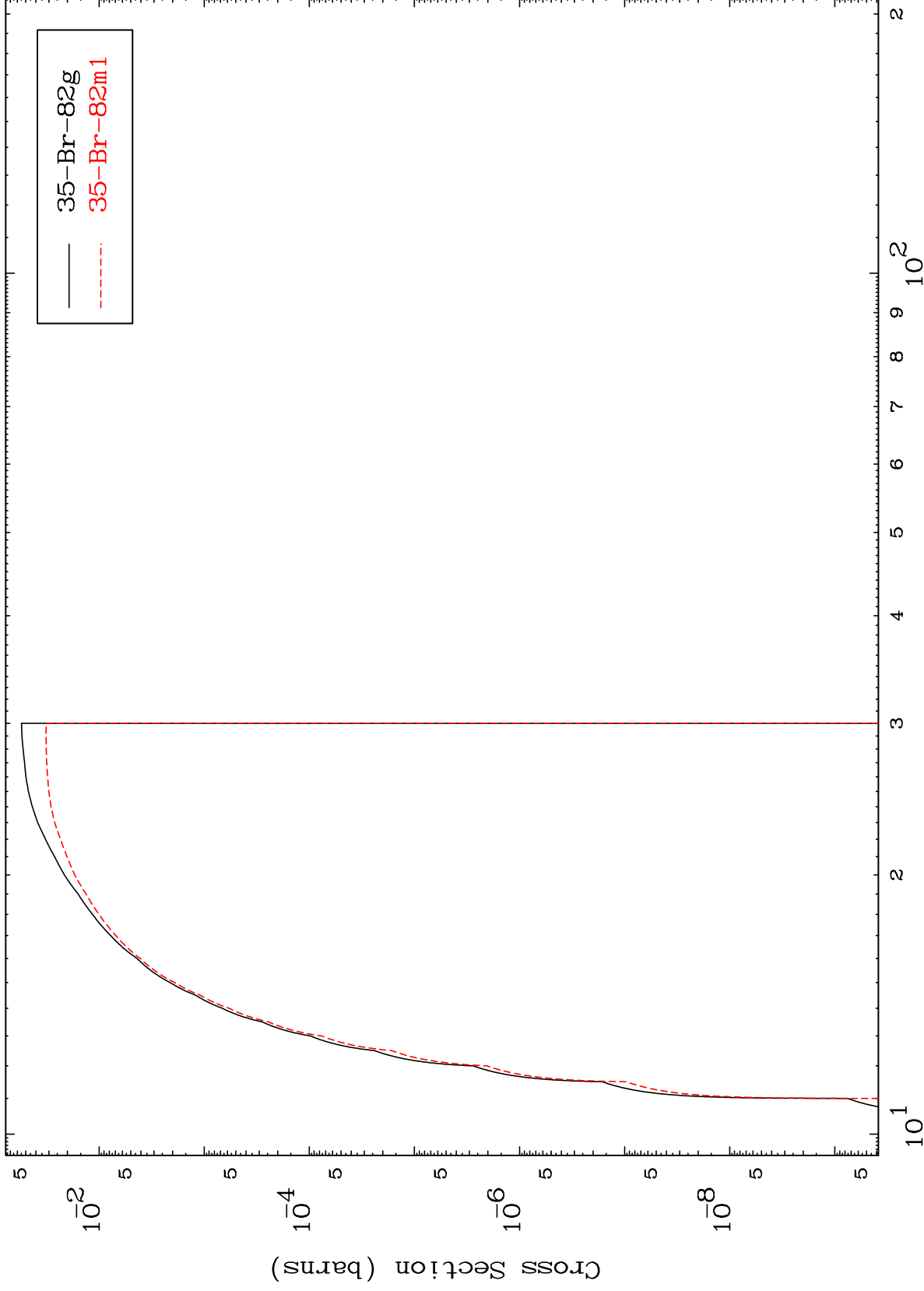
36-Kr-83

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(n,n') p

36-Kr-83

Radionuclide Production Cross Section



Incident Energy (MeV)

36-Kr-83

23

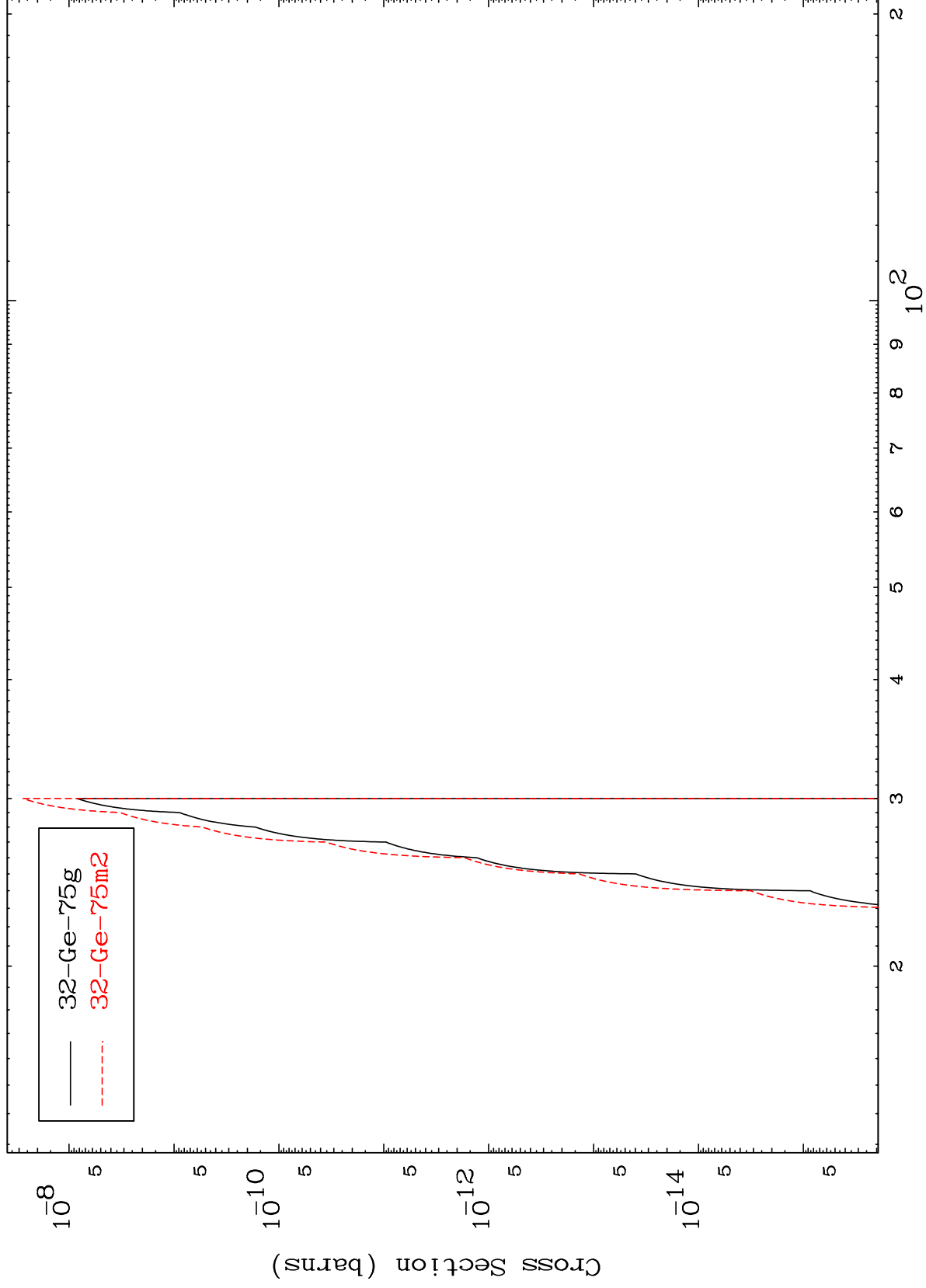


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(n,n') 2α

36-Kr-83

Radionuclide Production Cross Section



24

Incident Energy (MeV)

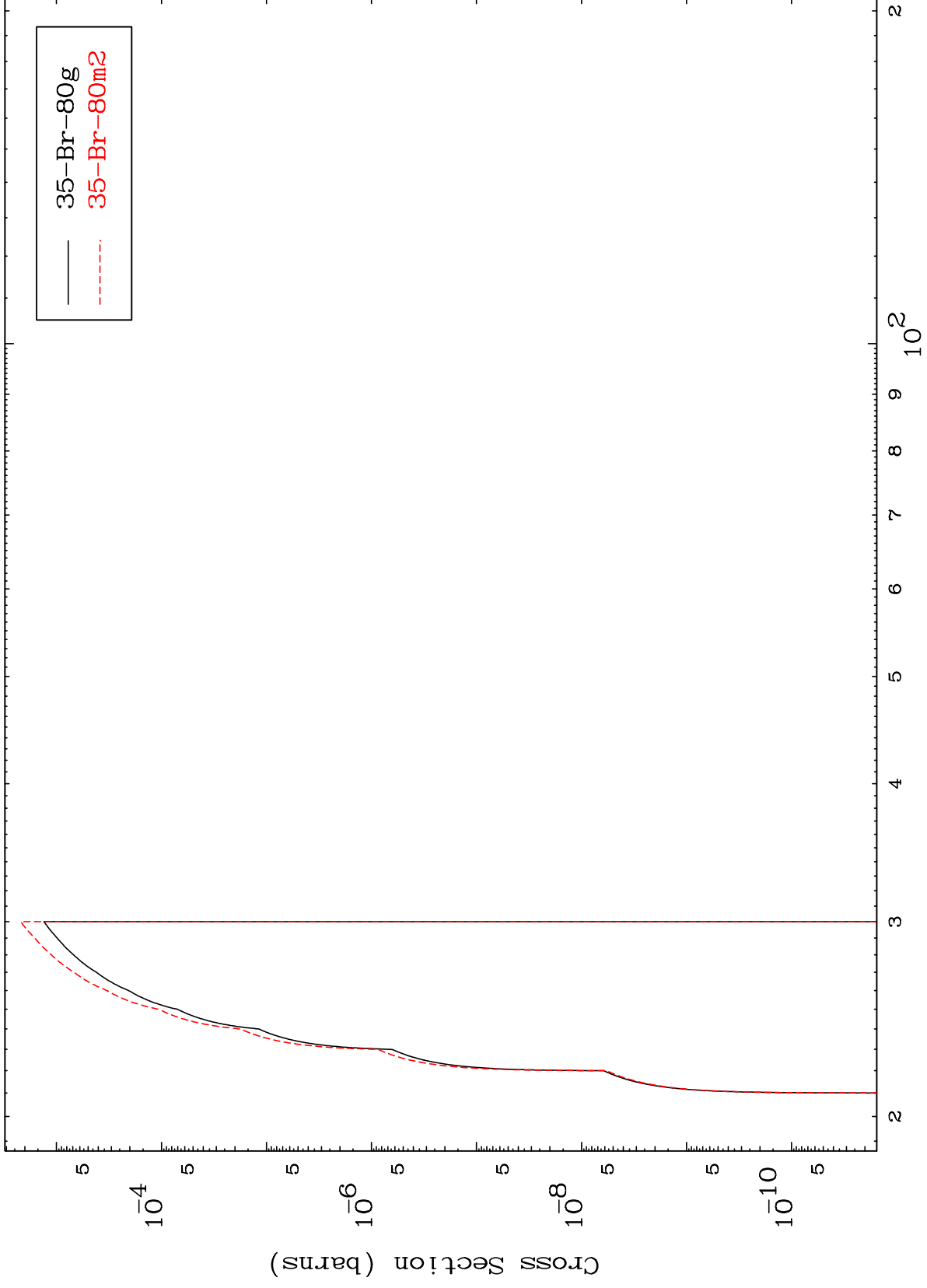
36-Kr-83

MAT 3641

(n,n') t

36-Kr-83

Radionuclide Production Cross Section



25

Incident Energy (MeV)

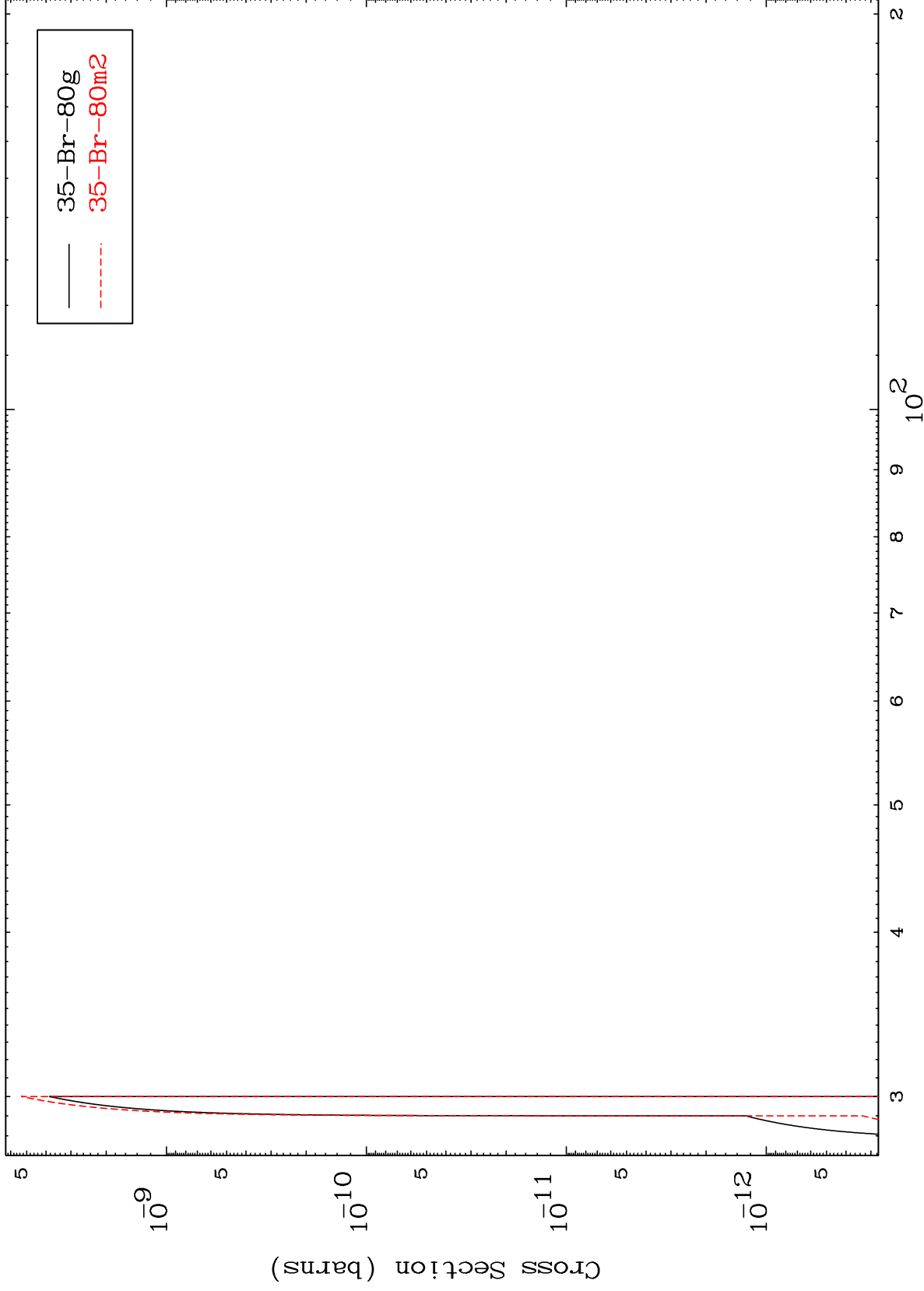
36-Kr-83

MAT 3641

(n,3n) p

36-Kr-83

Radionuclide Production Cross Section

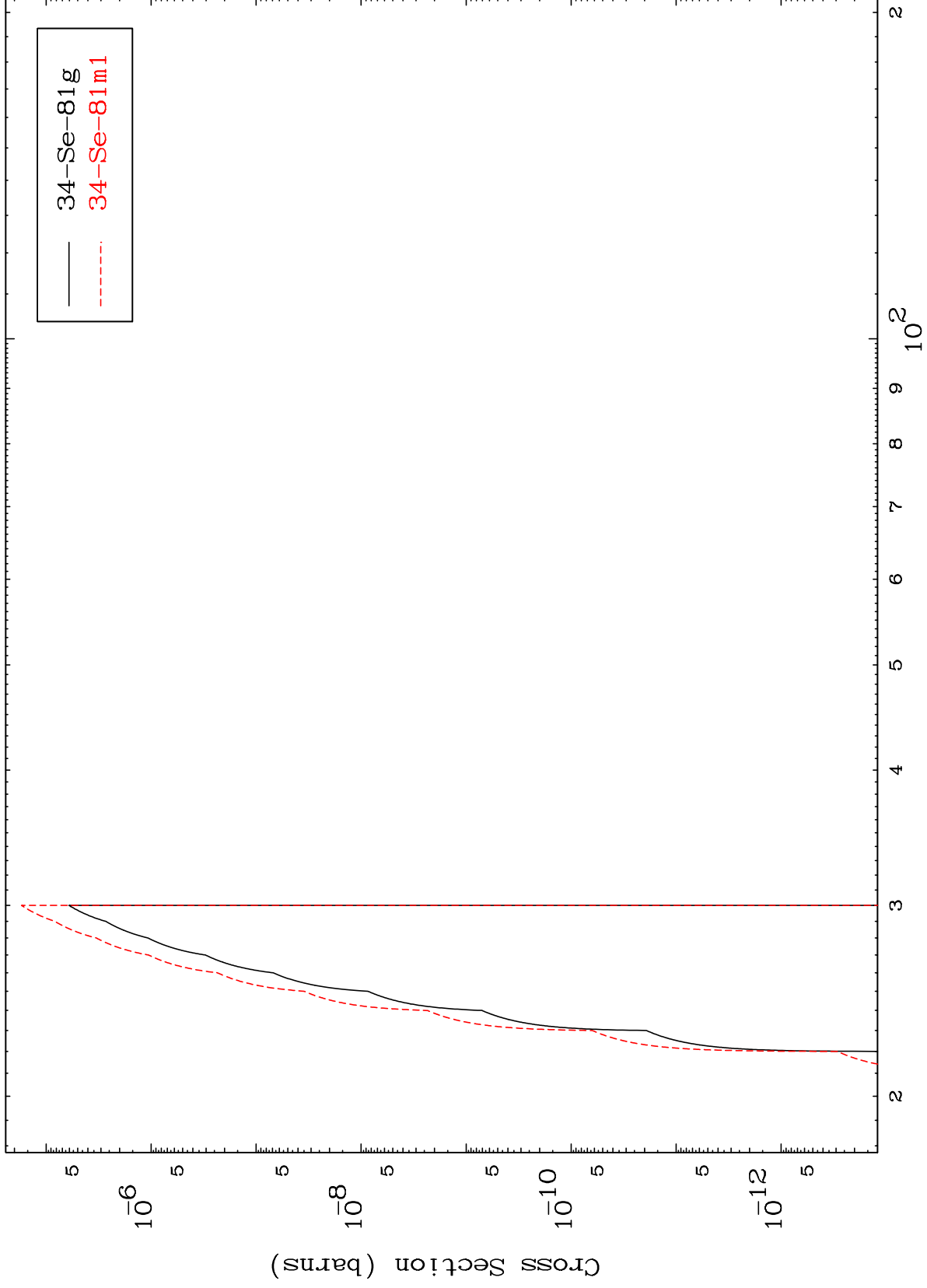


26

Incident Energy (MeV)

36-Kr-83

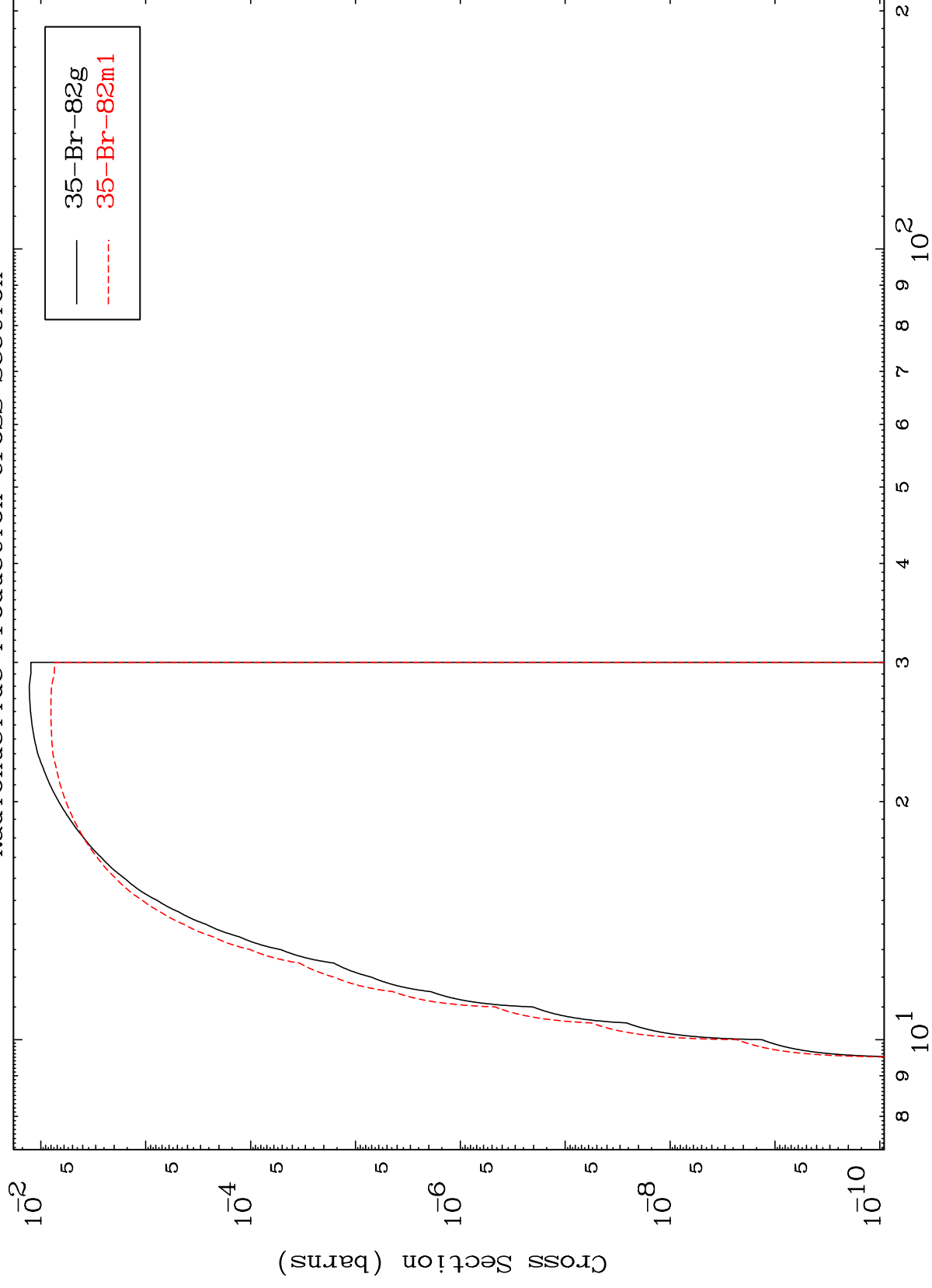
Radionuclide Production Cross Section



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36-Kr-83

(n,d)  
Radionuclide Production Cross Section



28

Incident Energy (MeV)

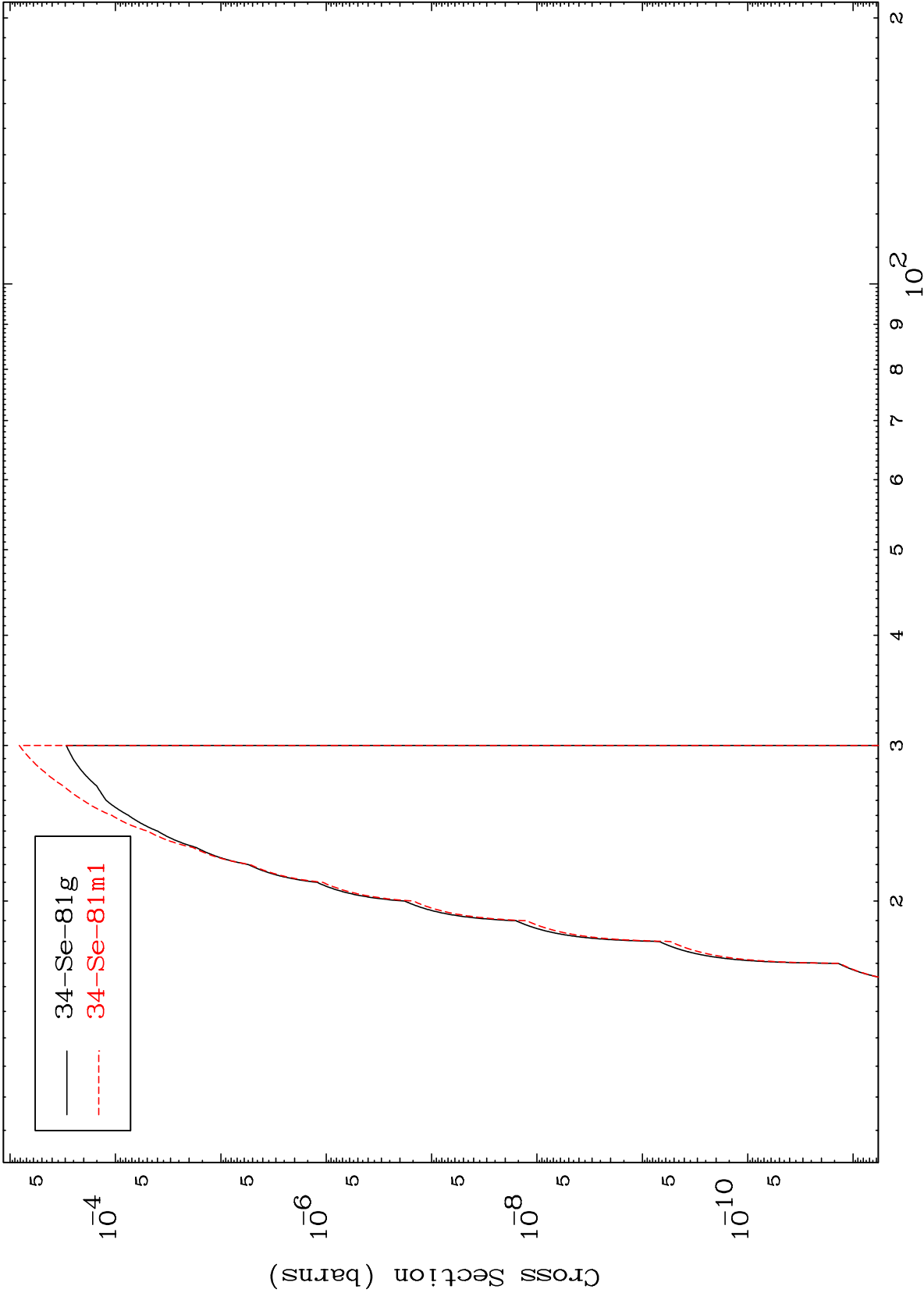
36-Kr-83

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(n,He-3)

36-Kr-83

Radionuclide Production Cross Section



29

Incident Energy (MeV)

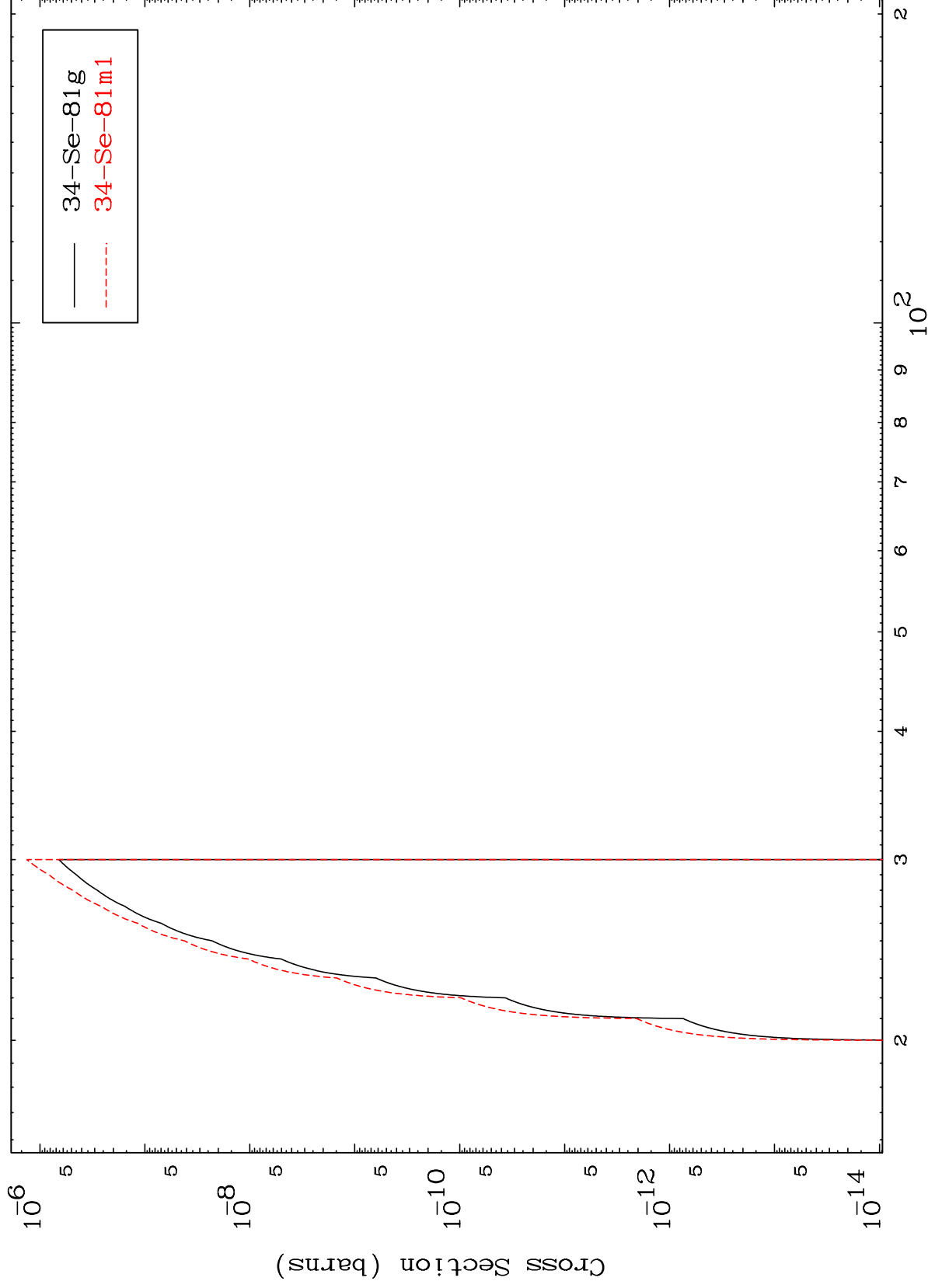
36-Kr-83

MAT 3641

(n,p) d

36-Kr-83

Radionuclide Production Cross Section



30

Incident Energy (MeV)

36-Kr-83