

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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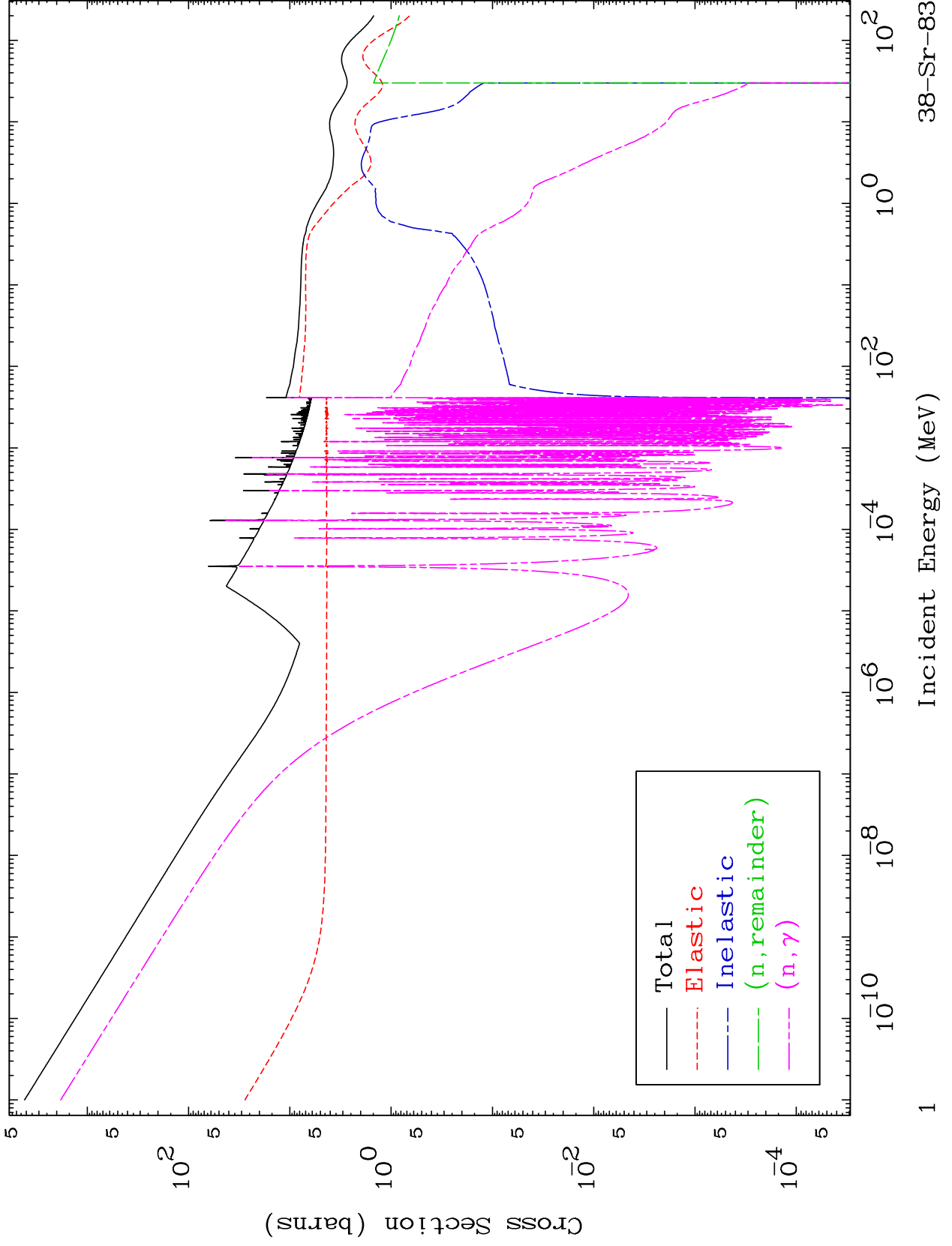
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

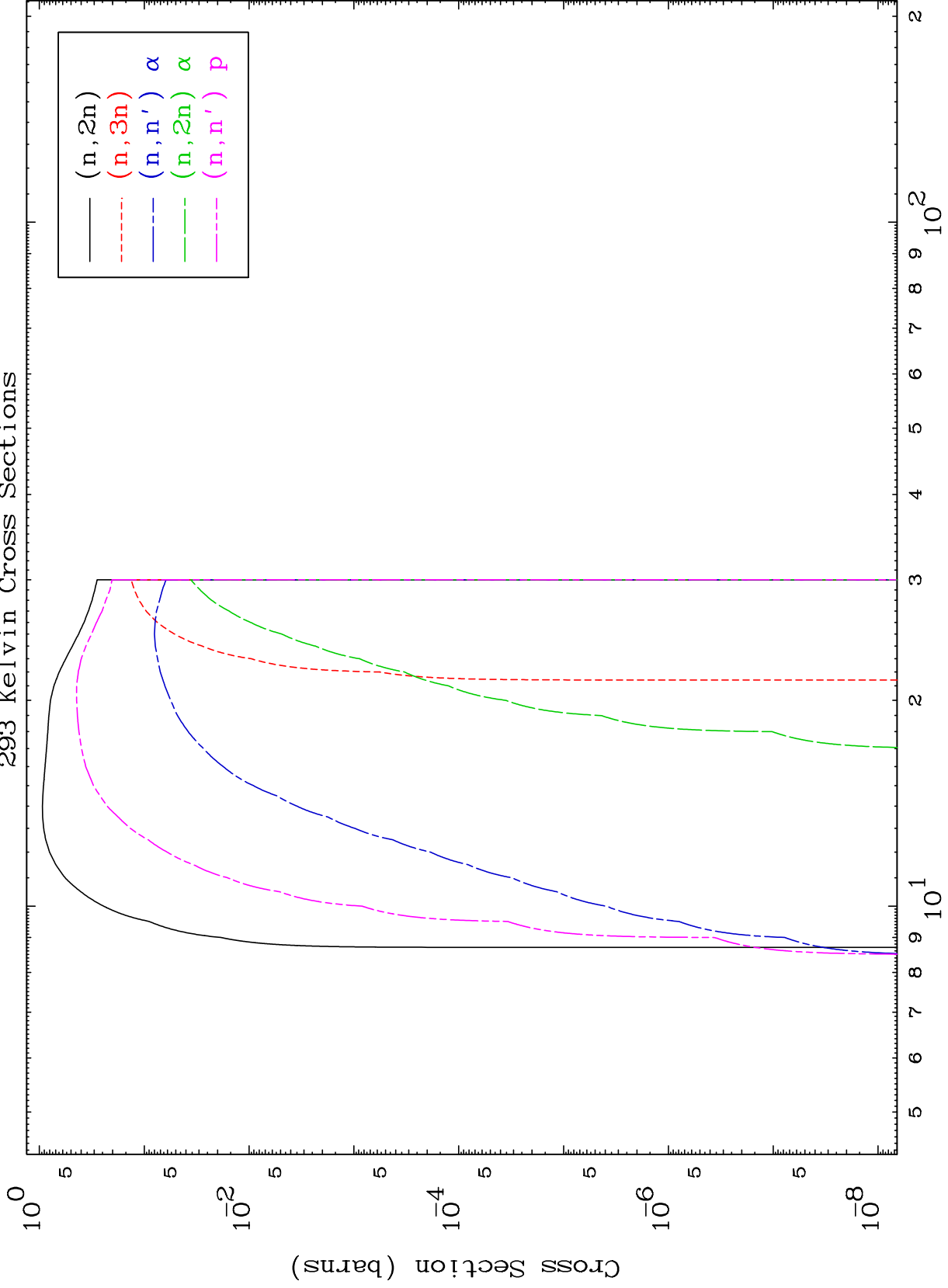
Press Mouse Button to Start

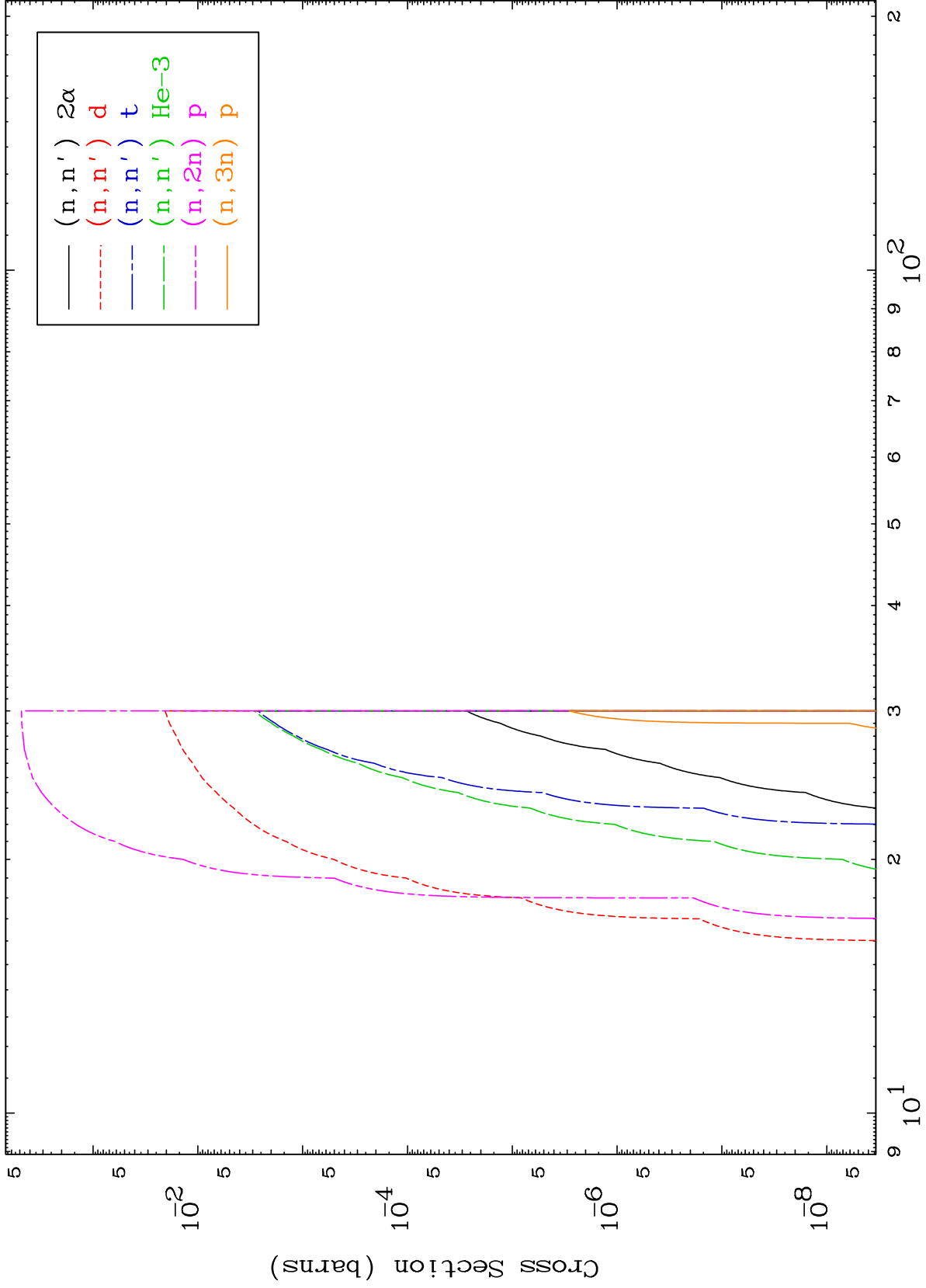
MAT 3823

Major  
293 Kelvin Cross Sections

38-Sr-83



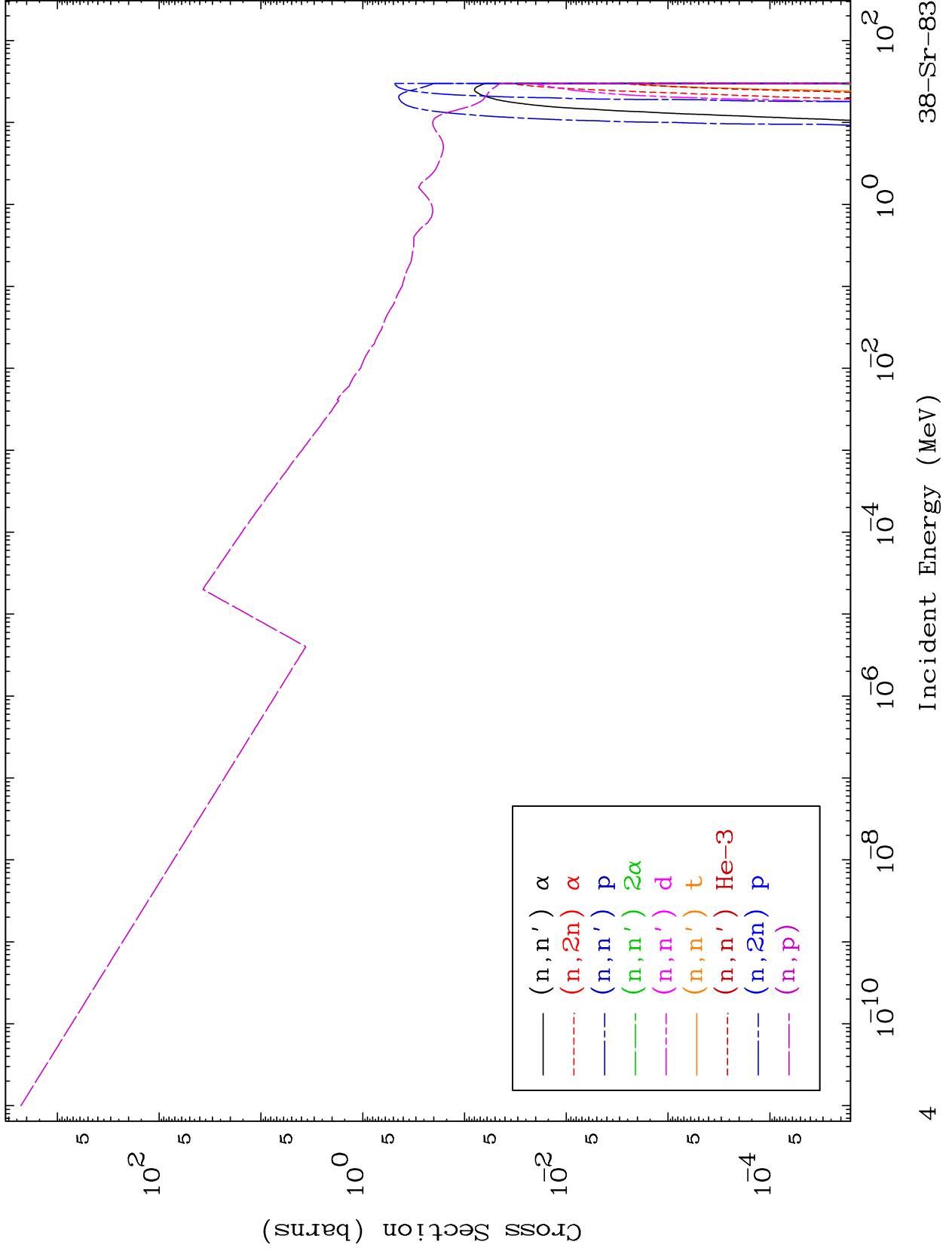




MAT 3823

Charged Particle  
293 Kelvin Cross Sections

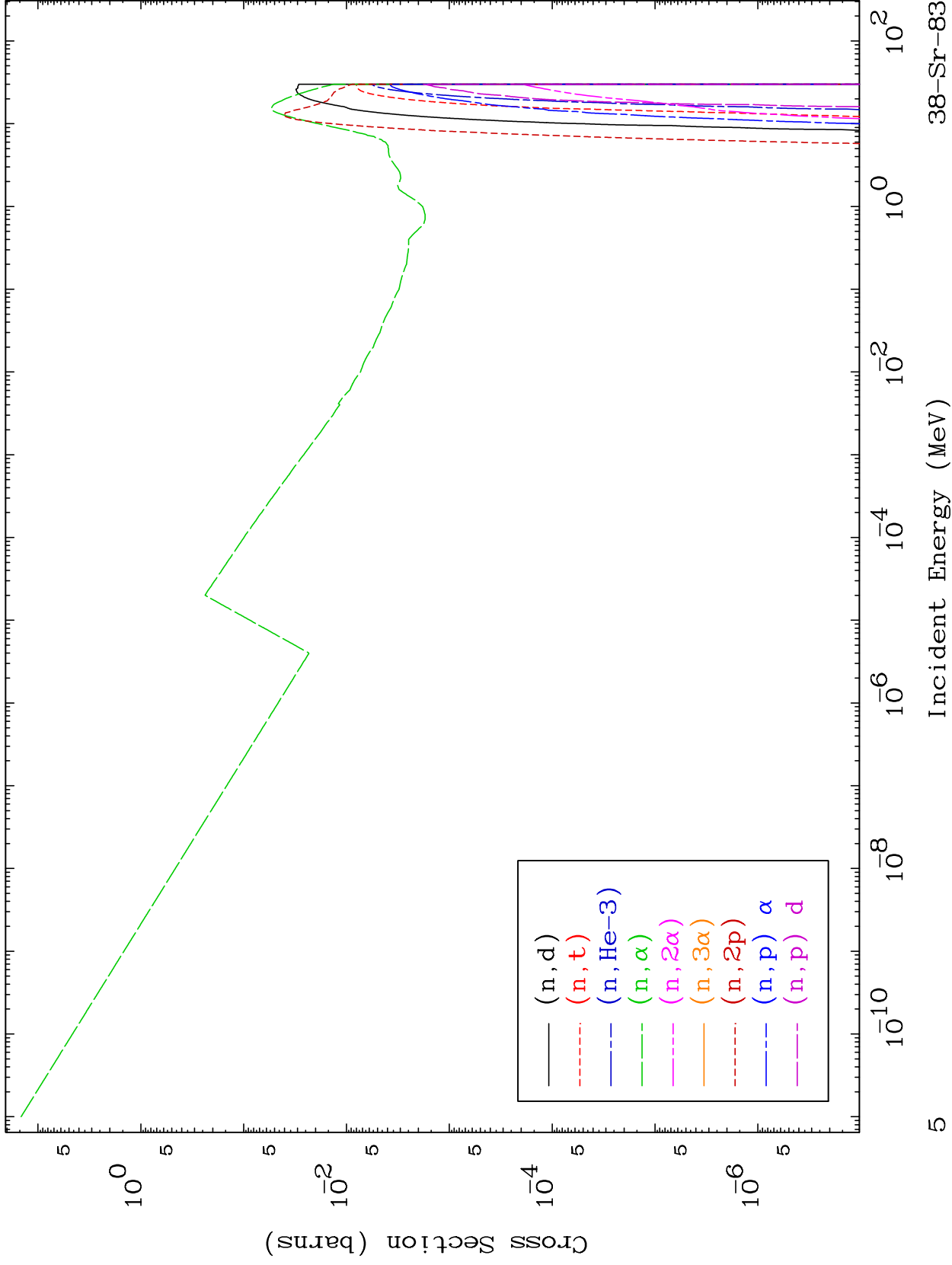
38-Sr-83



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Charged Particle  
293 Kelvin Cross Sections

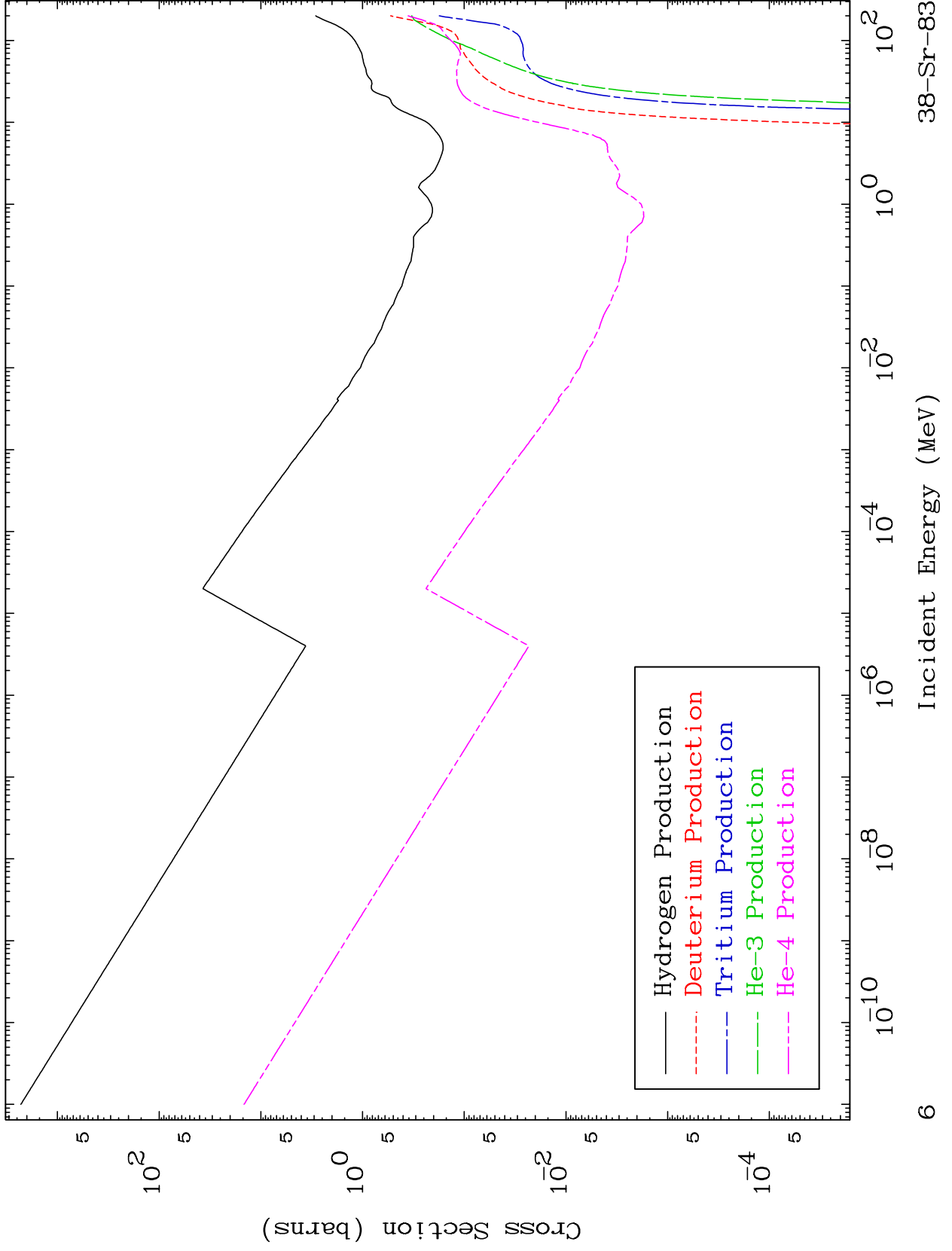
38-Sr-83



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Particle Production  
293 Kelvin Cross Sections

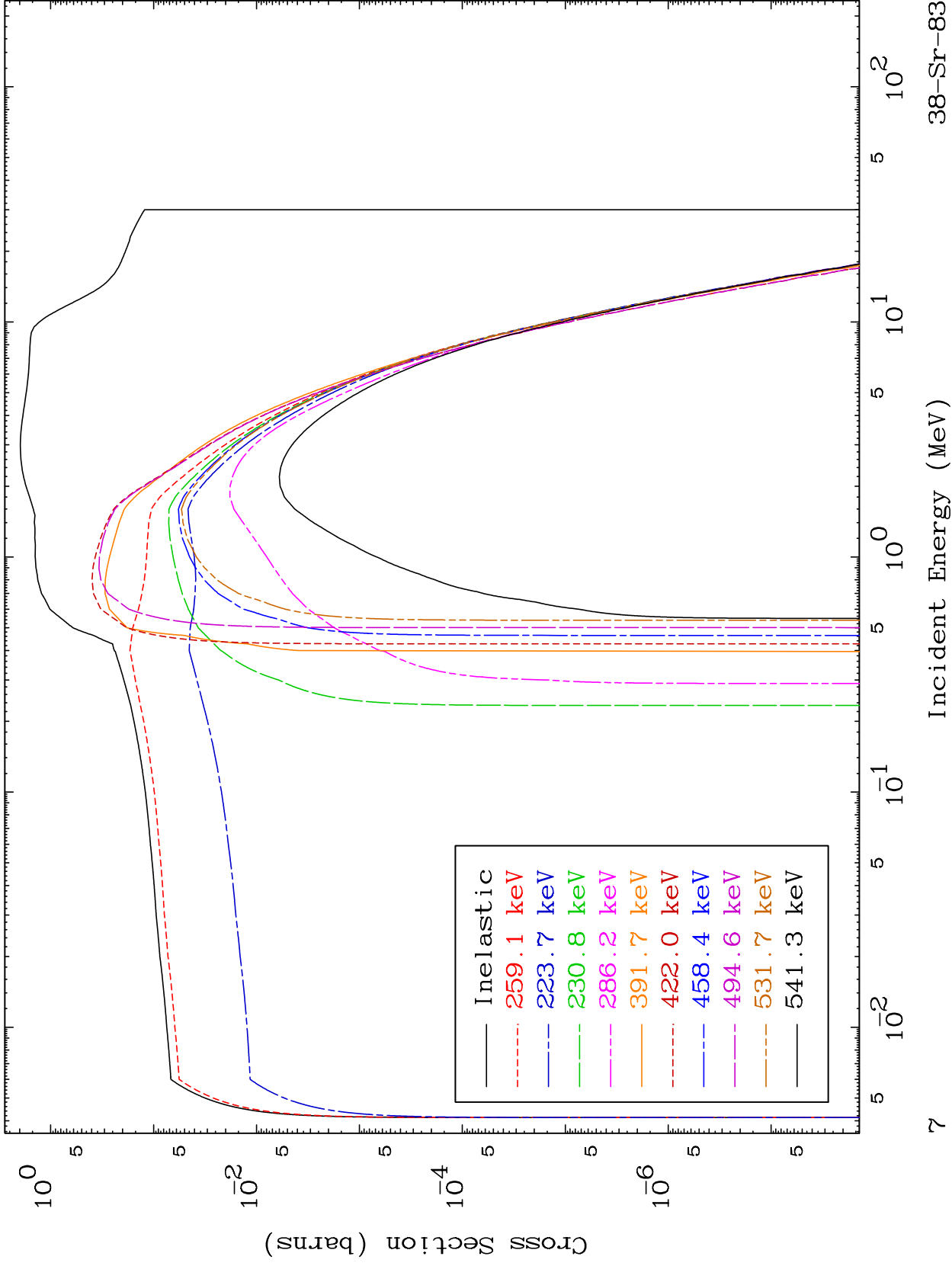
38-Sr-83



MAT 3823

(n,n') Level  
293 Kelvin Cross Sections

38-Sr-83

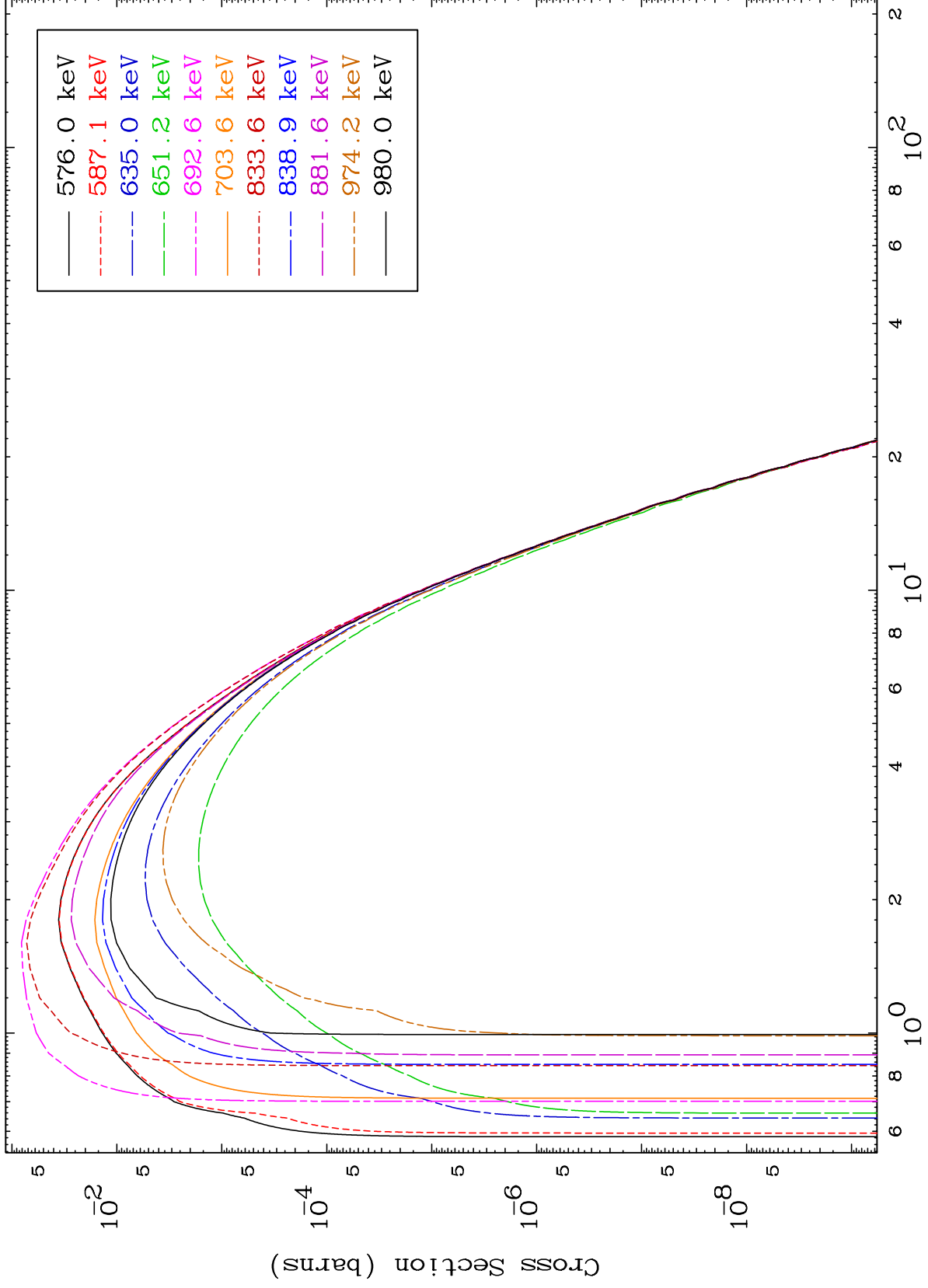




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(n,n') Level  
293 Kelvin Cross Sections

38-Sr-83

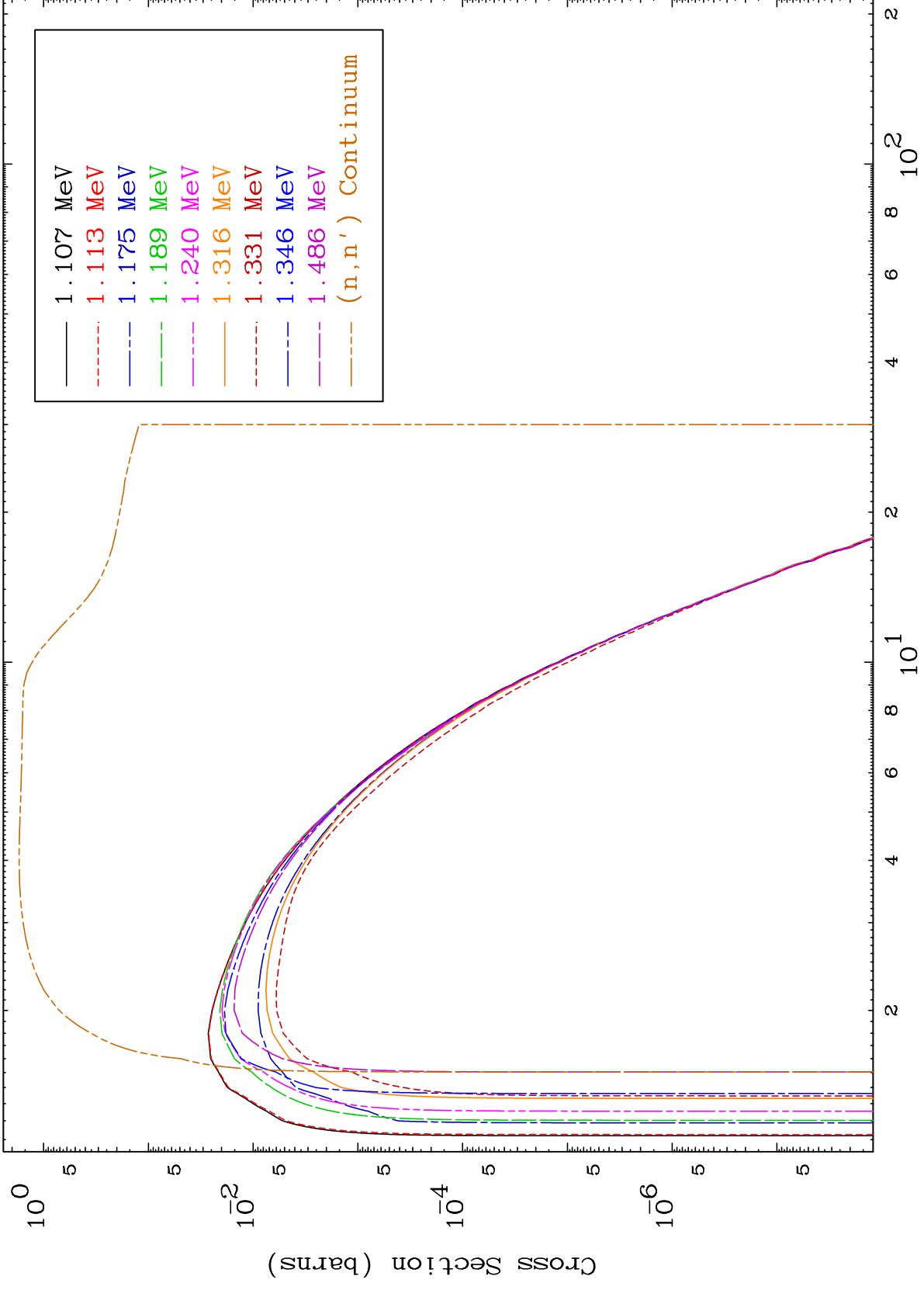


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Incident Energy (MeV)

38-Sr-83

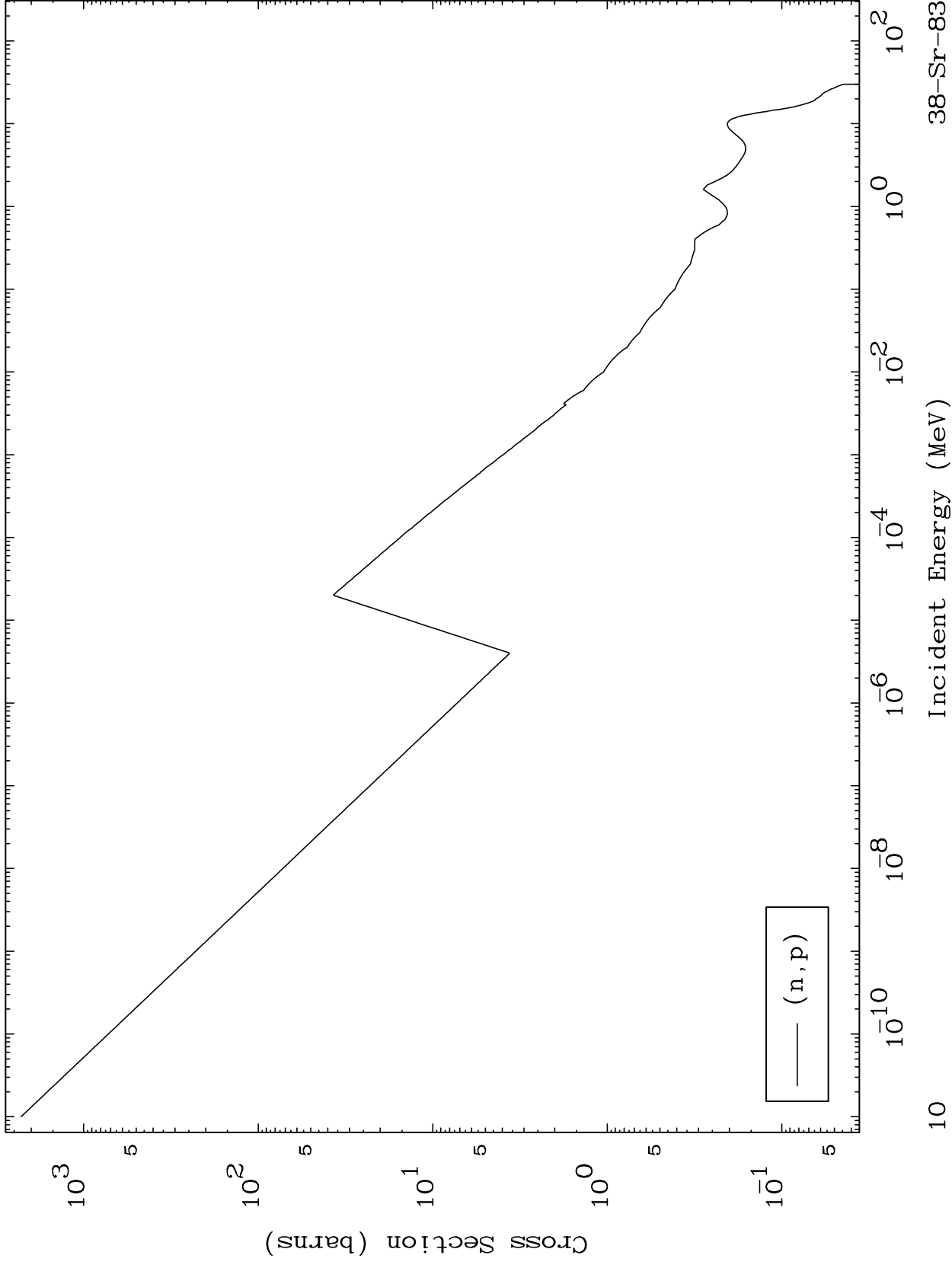
293 Kelvin Cross Sections

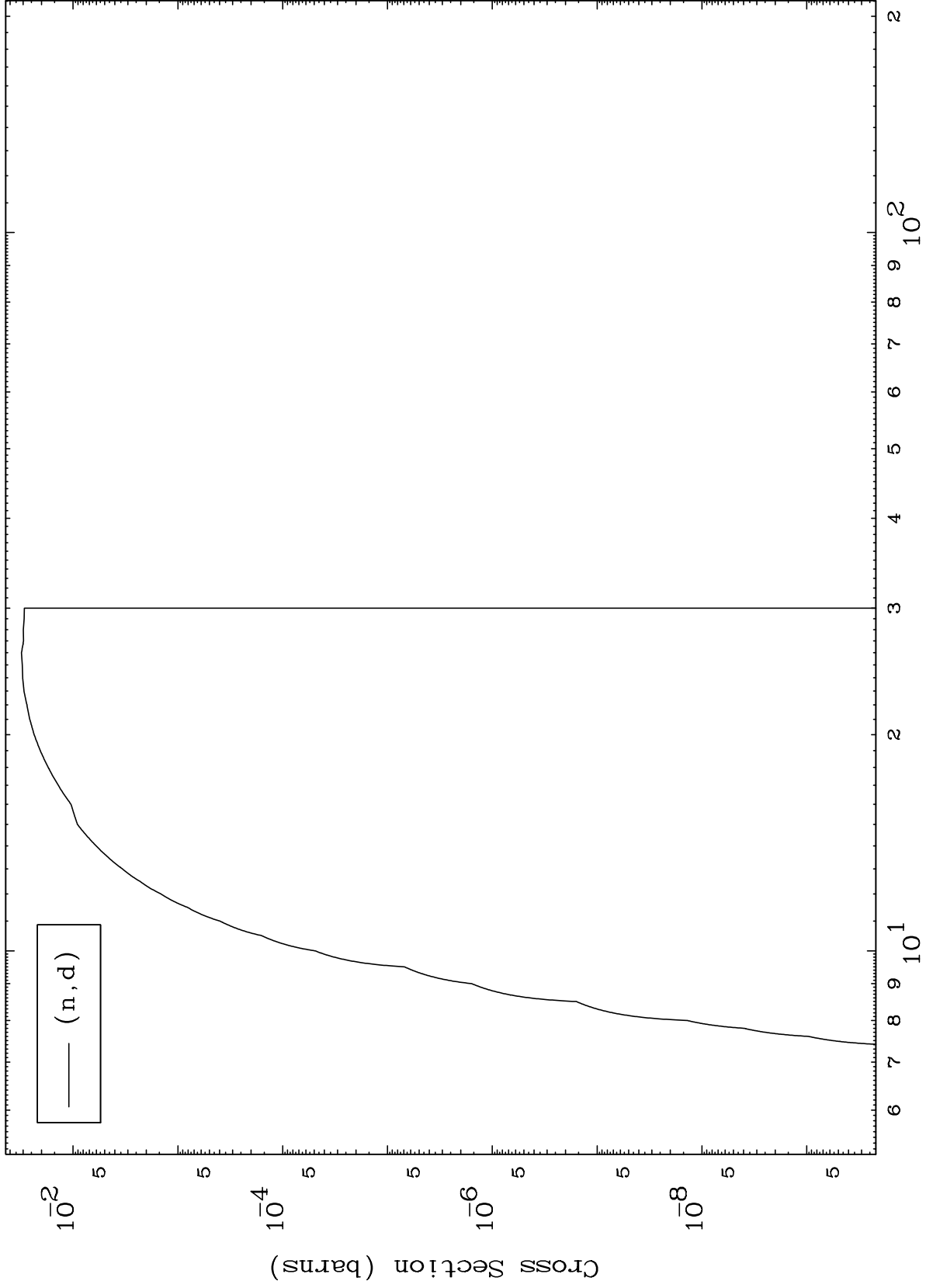


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(n,p) Levels  
293 Kelvin Cross Sections

38-Sr-83

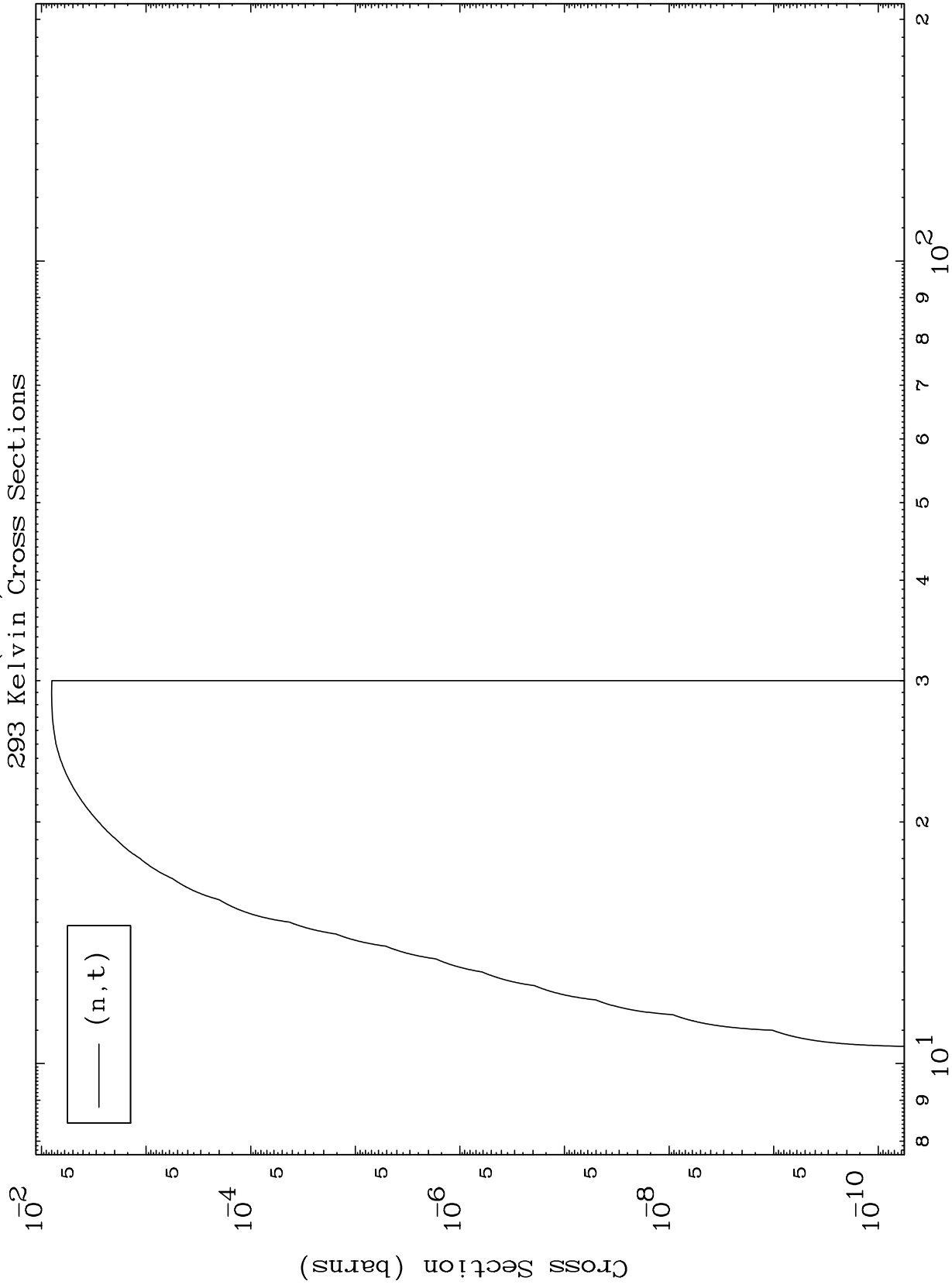




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38-Sr-83

(n,t) Levels  
293 Kelvin Cross Sections



38-Sr-83

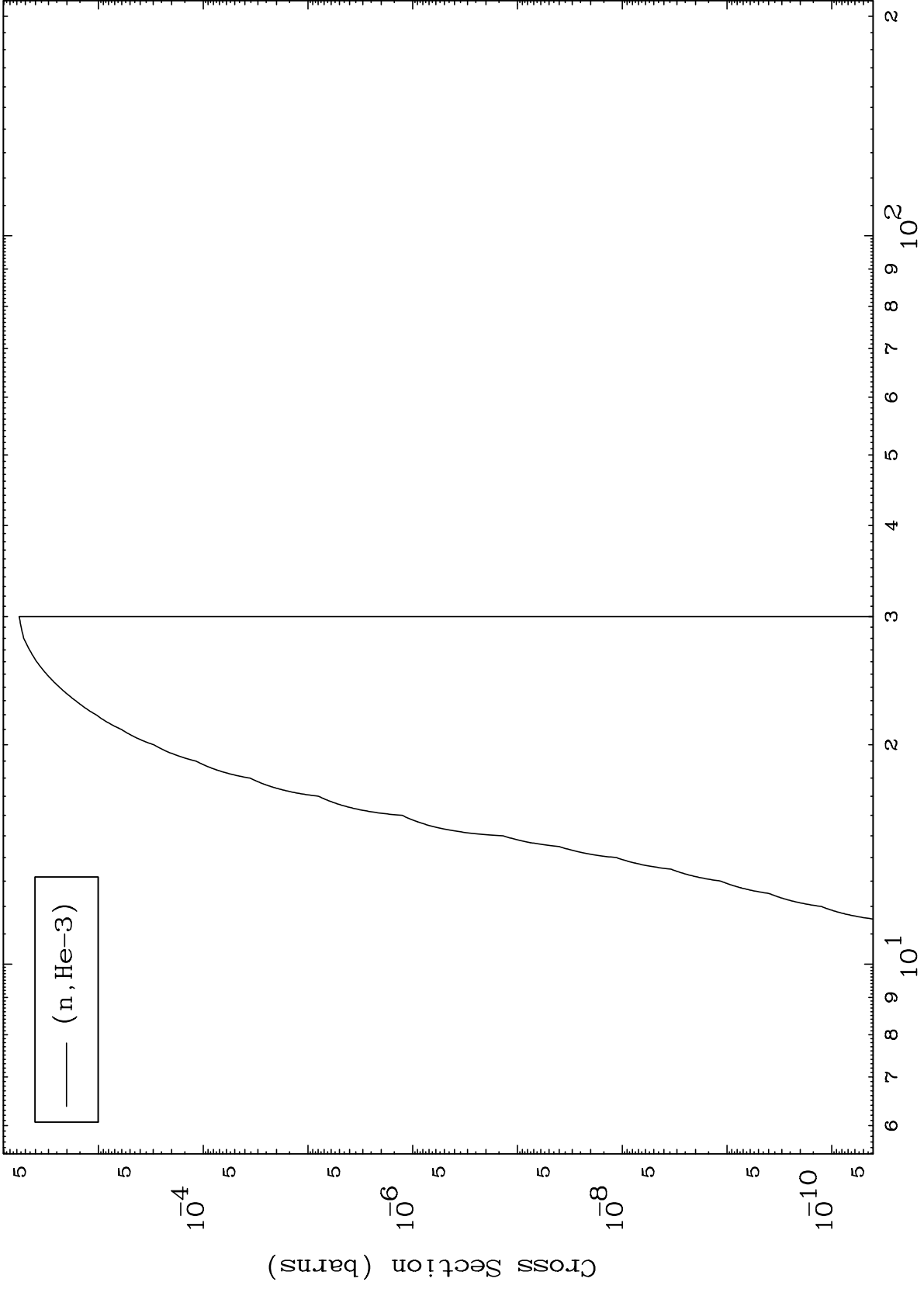
Incident Energy (MeV)

12

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(n,He3) Levels  
293 Kelvin Cross Sections

38-Sr-83



13

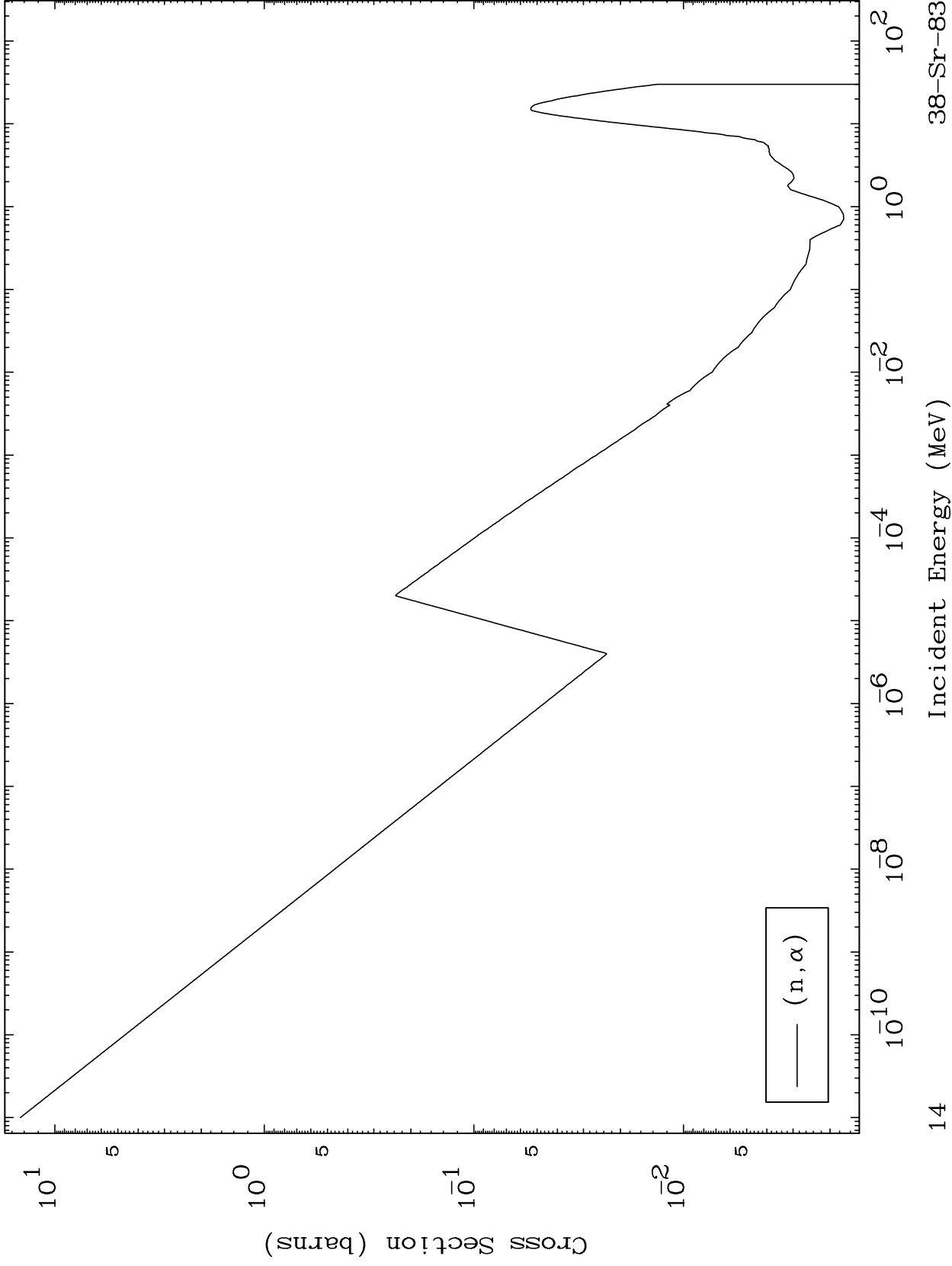
Incident Energy (MeV)

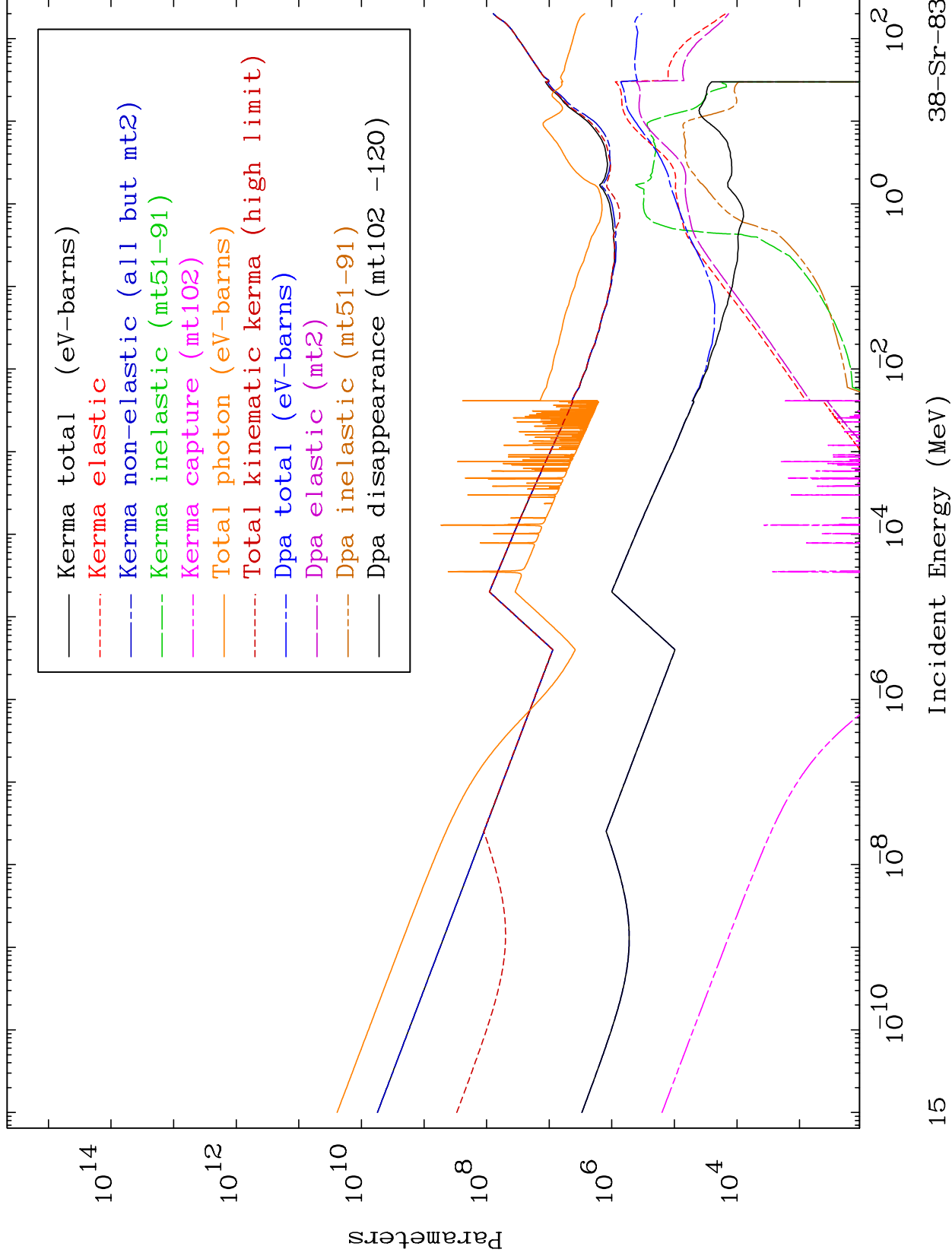
38-Sr-83

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

38-Sr-83



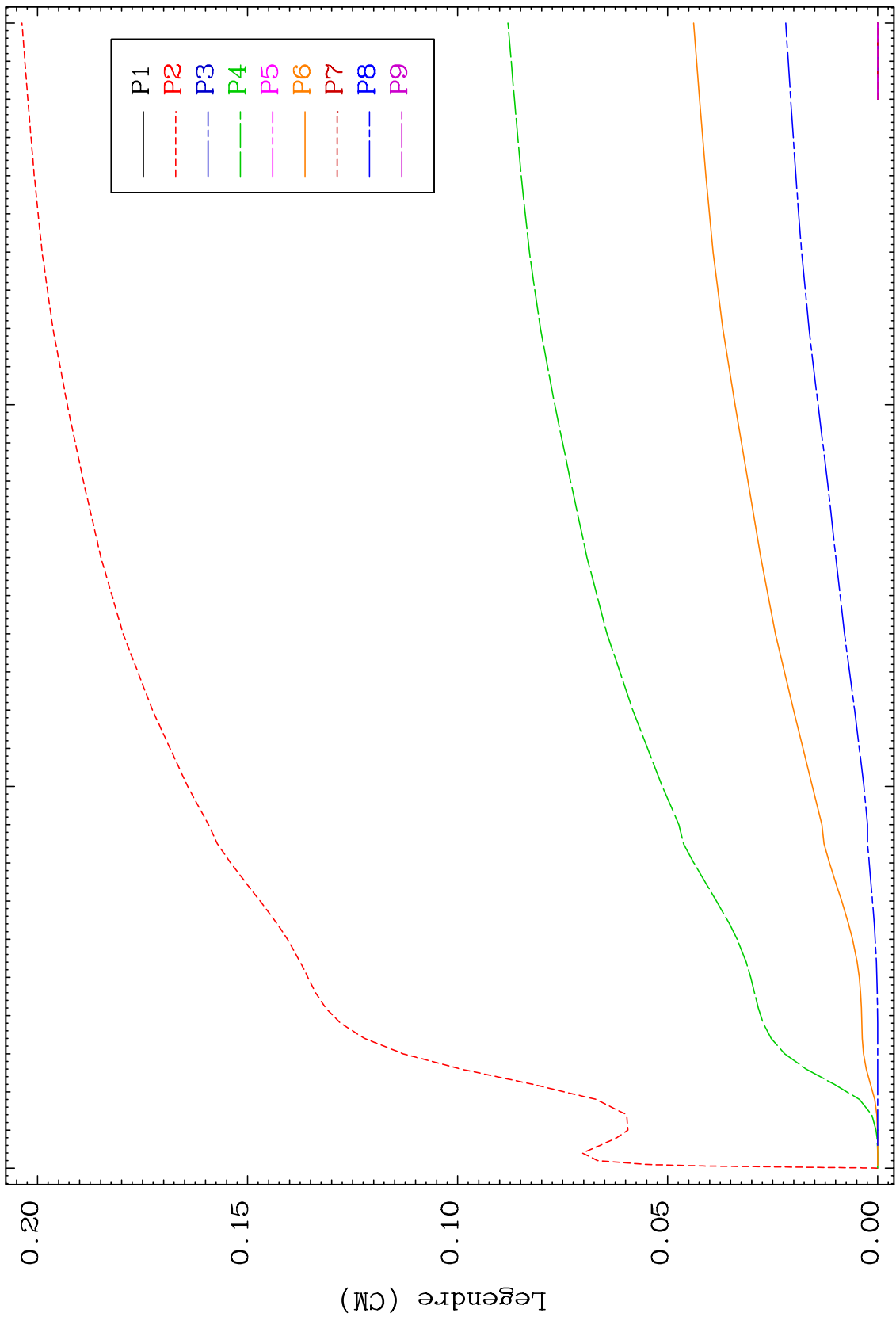




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Elastic Legendre Coefficients

<sup>38</sup>Sr-83



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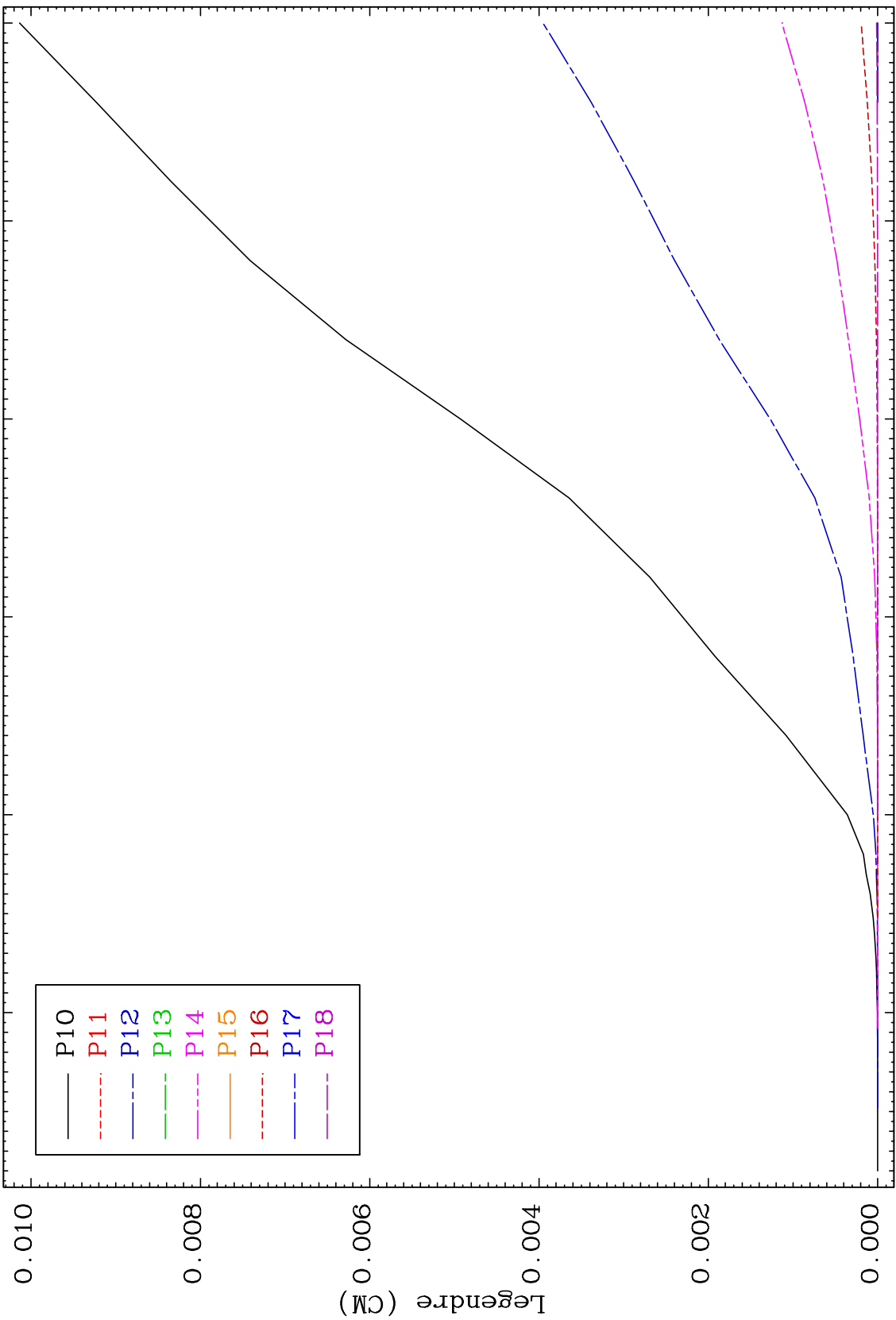
Incident Energy (MeV)

<sup>38</sup>Sr-83

MAT 3823

Elastic Legendre Coefficients

38-Sr-83



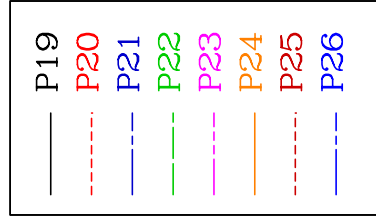
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38-Sr-83

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Elastic Legendre Coefficients

38-Sr-83



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

25

30

18

Incident Energy (MeV)

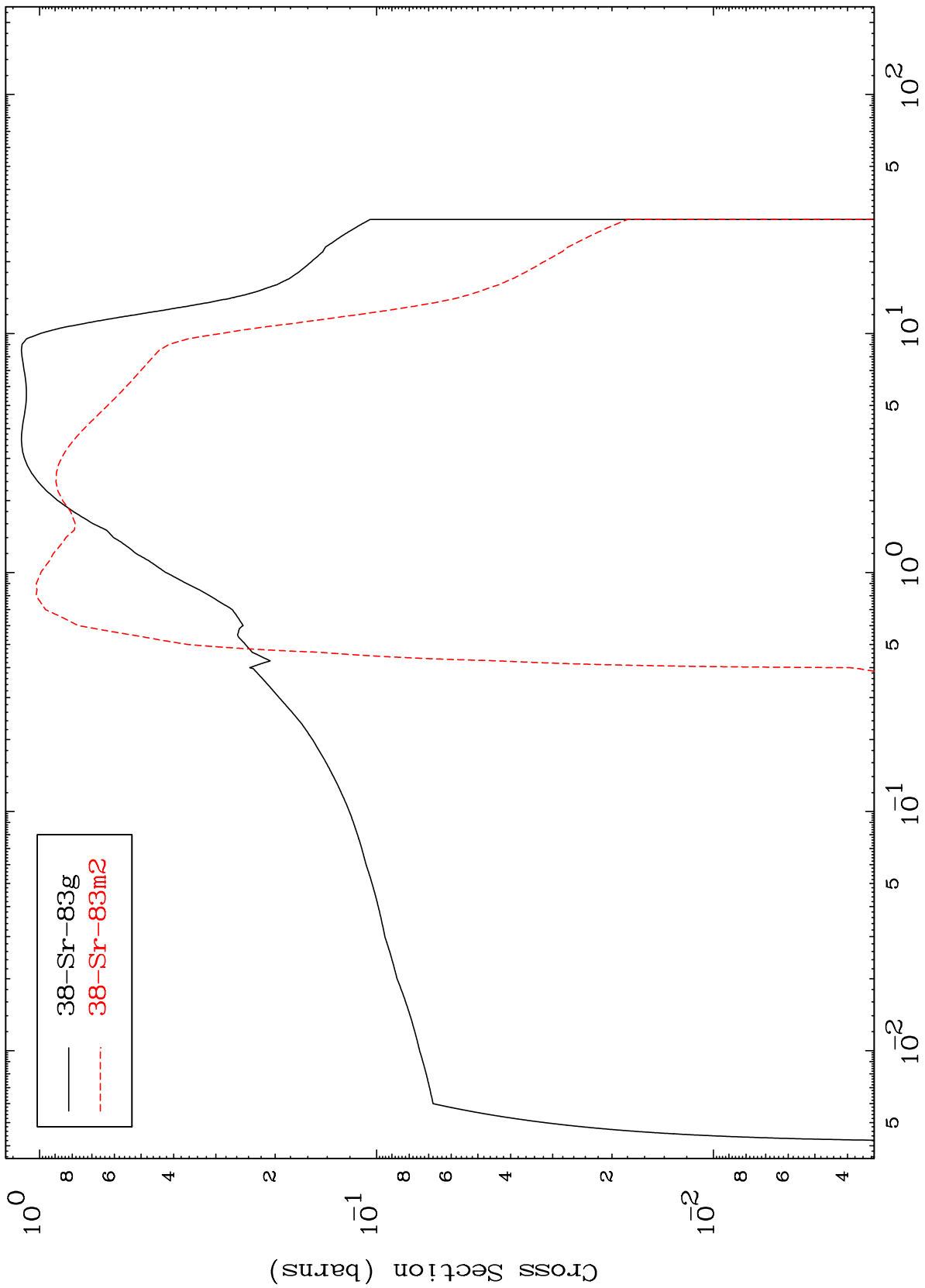
38-Sr-83



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38-Sr-83

Inelastic  
Radionuclide Production Cross Section



— 38-Sr-83g  
- - - 38-Sr-83m2

38-Sr-83

Incident Energy (MeV)

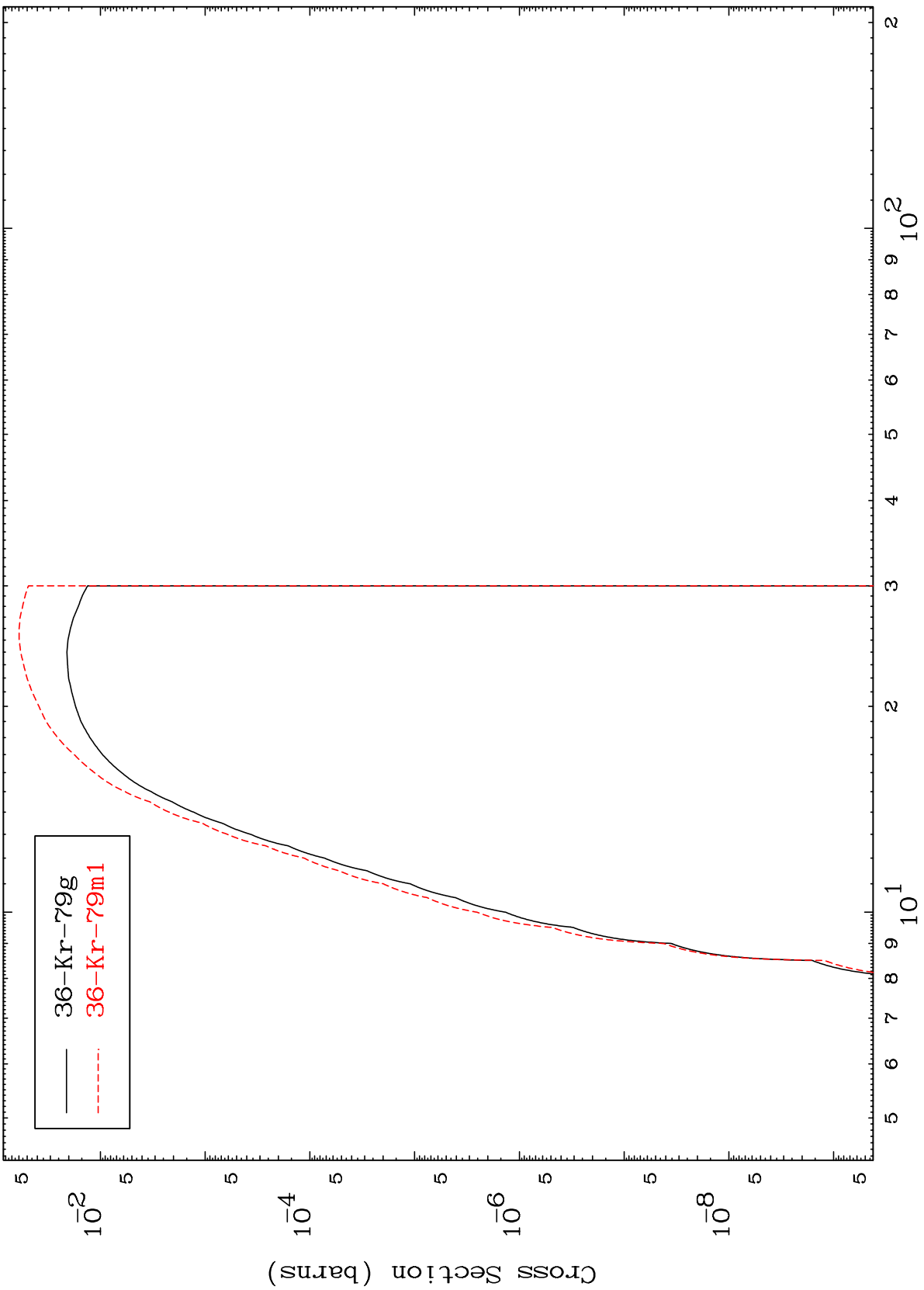
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38-Sr-83

(n,n')  $\alpha$

Radionuclide Production Cross Section



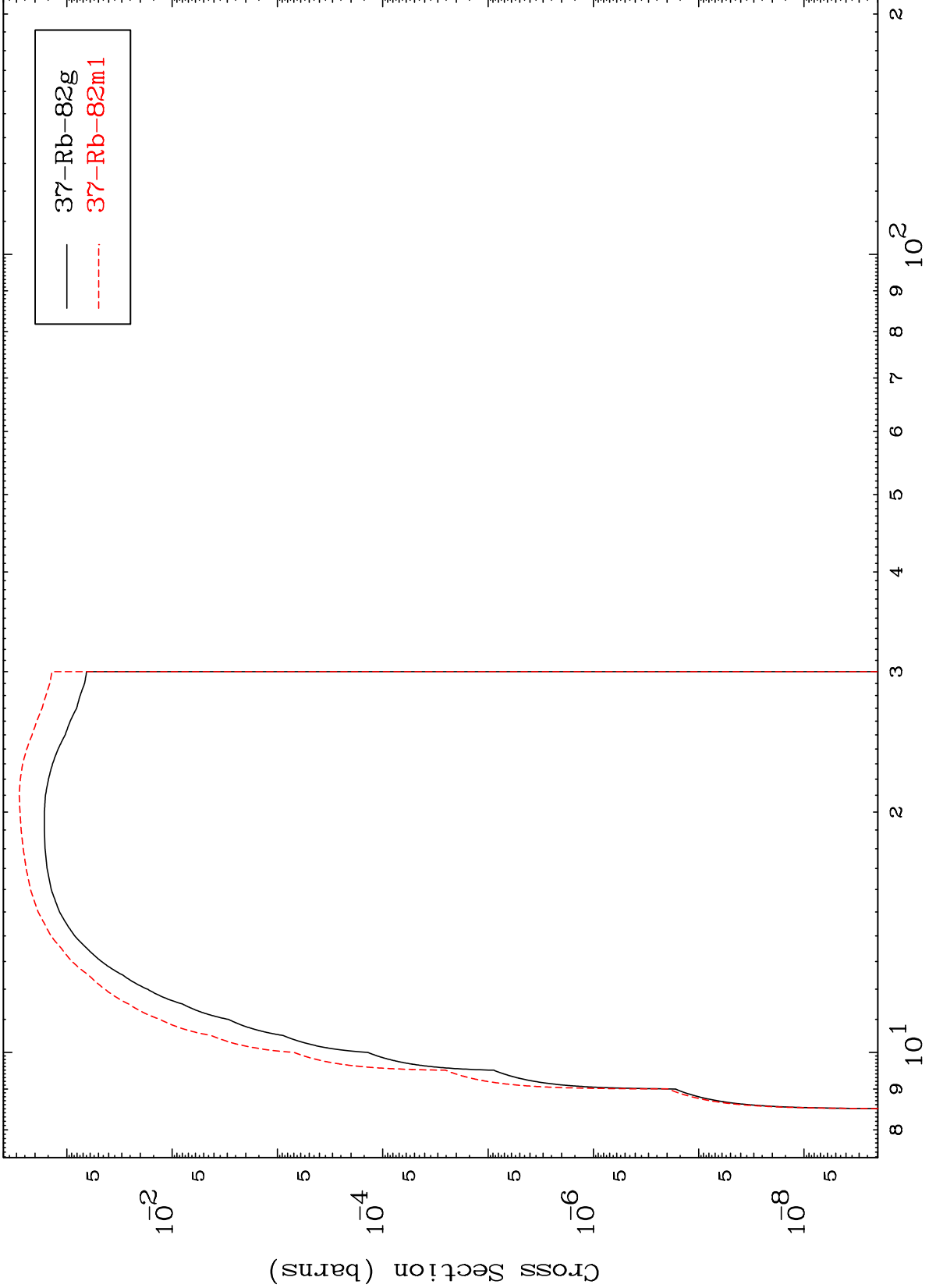
36-Kr-79g  
36-Kr-79m1

20

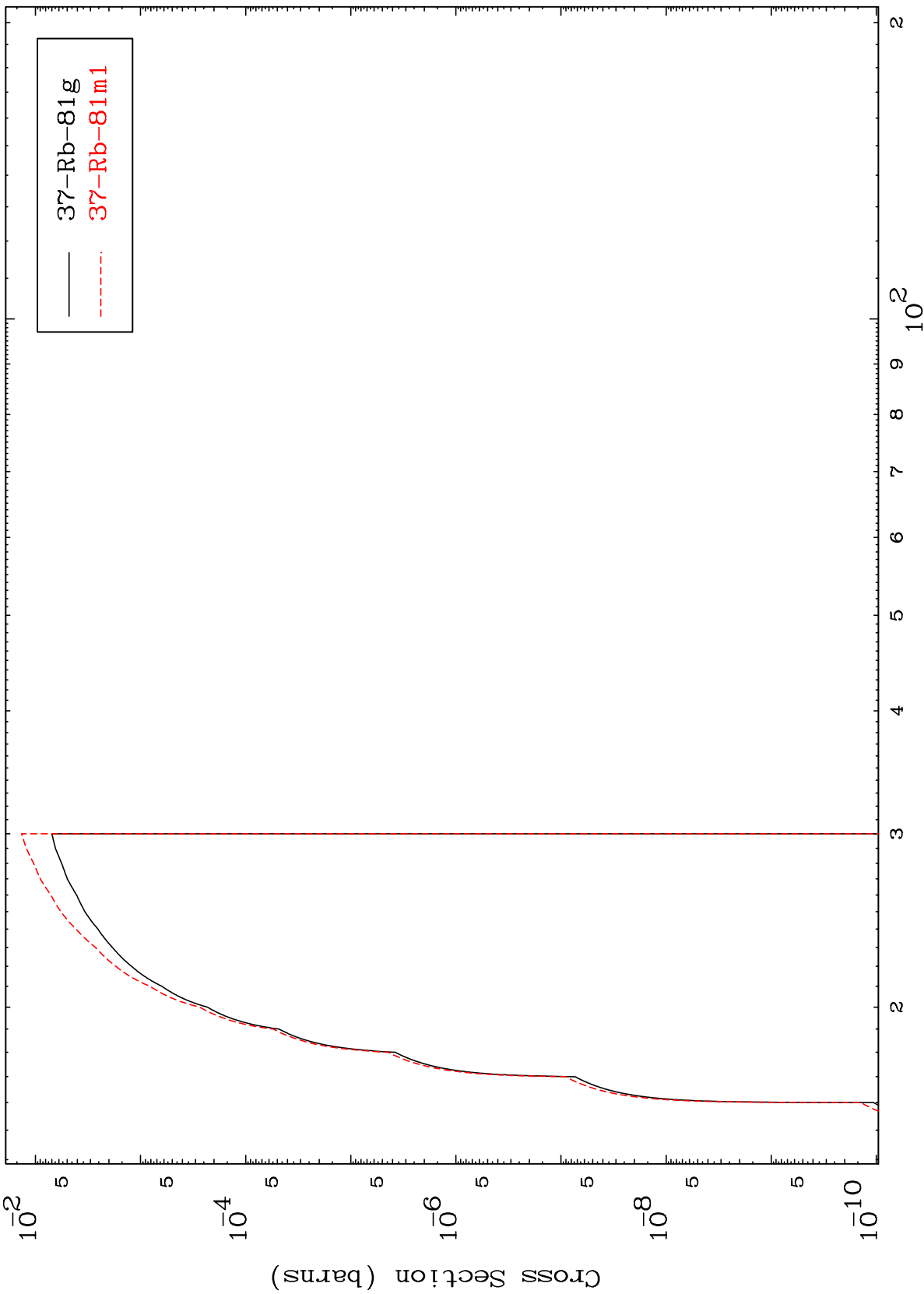
Incident Energy (MeV)

38-Sr-83

Radionuclide Production Cross Section

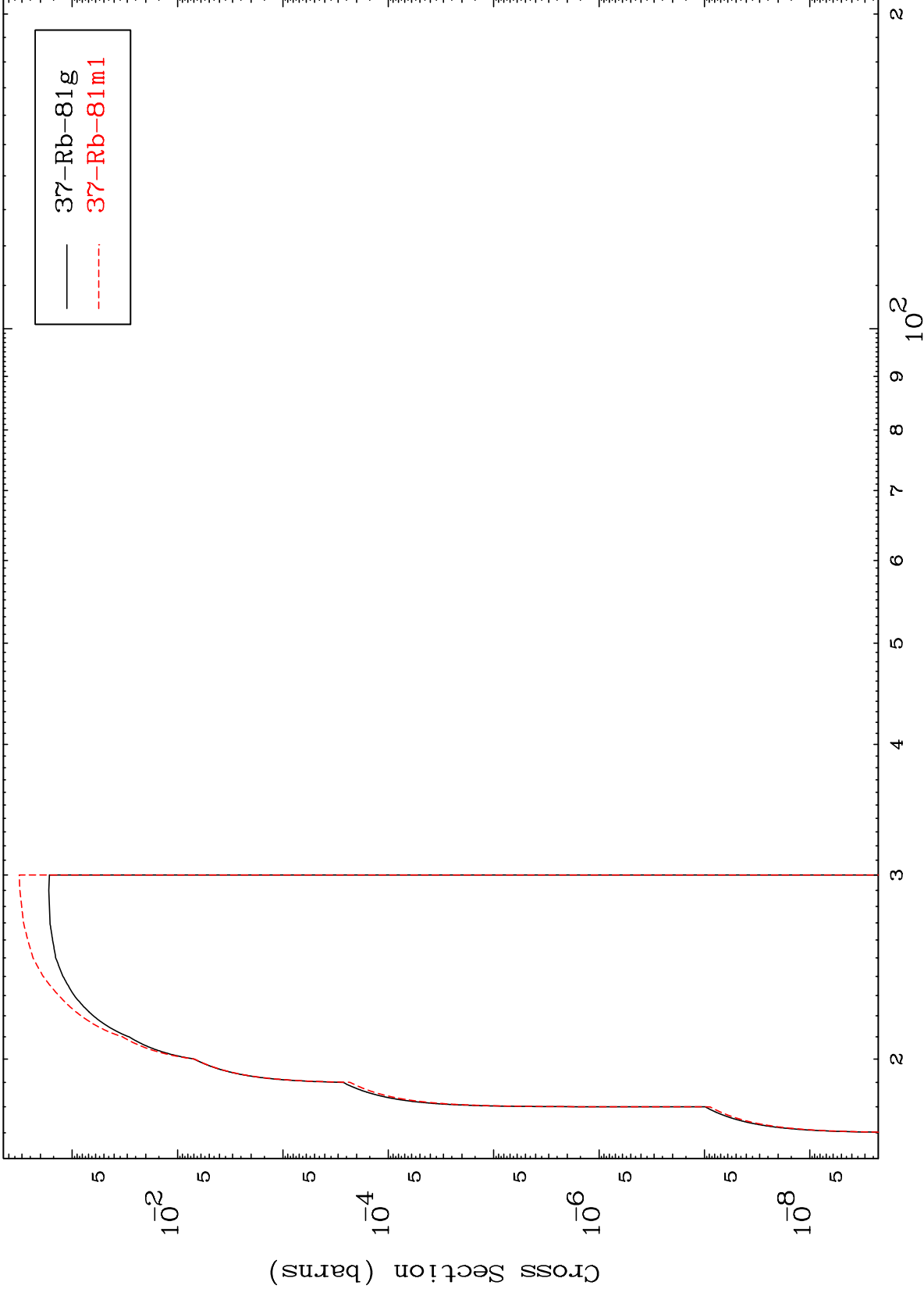


Radionuclide Production Cross Section



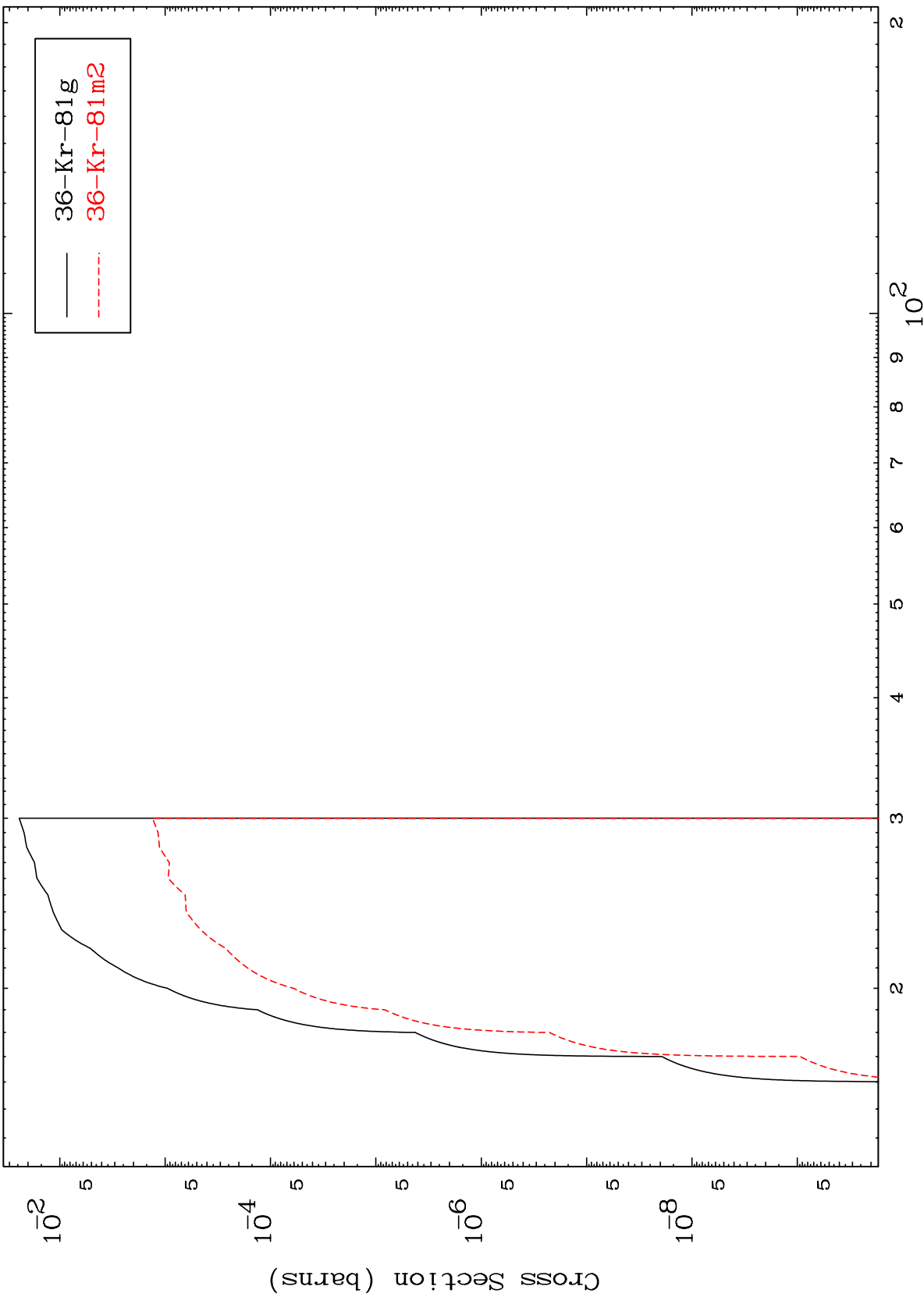
37-Rb-81g  
37-Rb-81m1

Radionuclide Production Cross Section



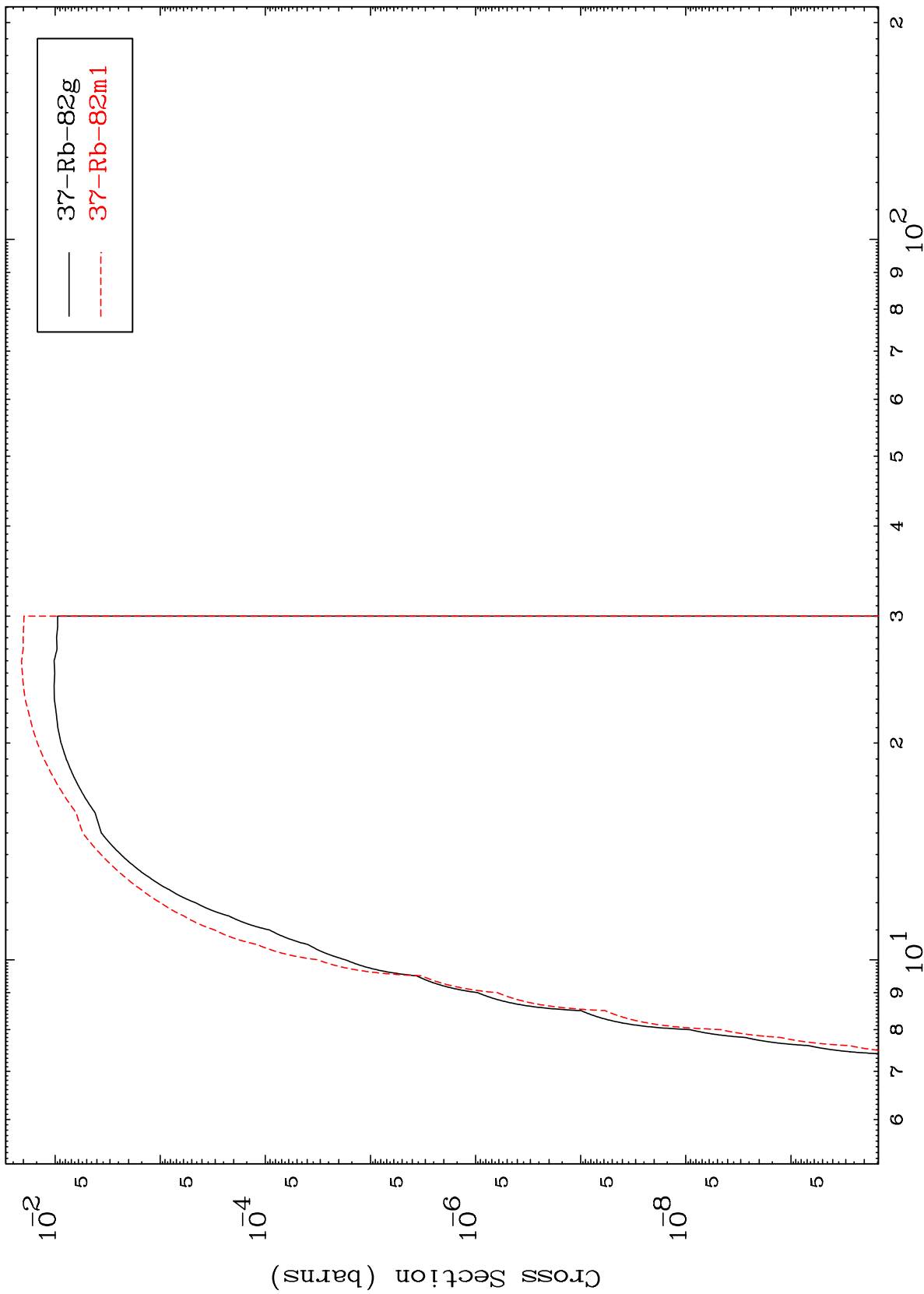


Radionuclide Production Cross Section

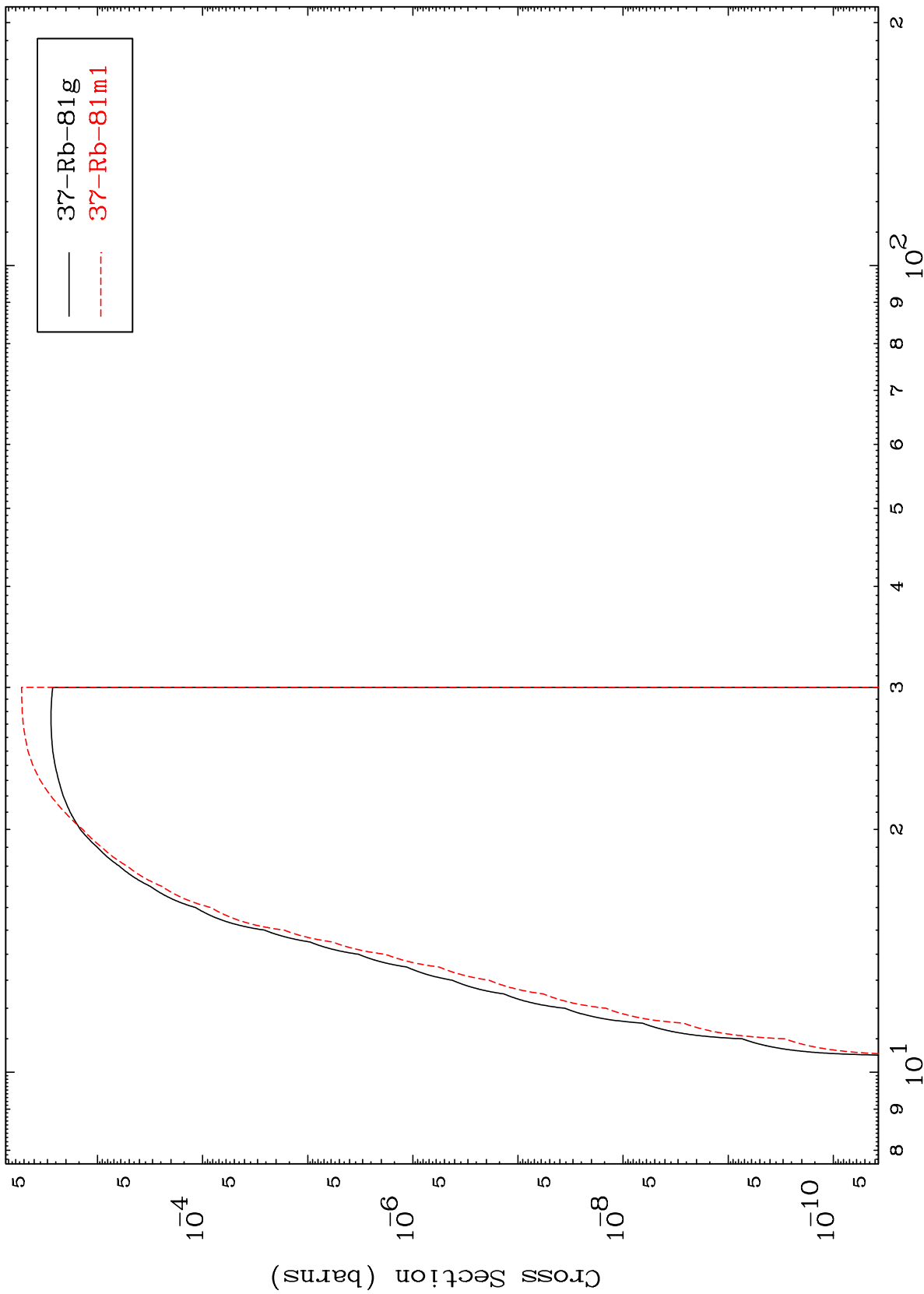


36-Kr-81g  
36-Kr-81m2

(n,d)  
Radionuclide Production Cross Section



(n, t)  
Radionuclide Production Cross Section

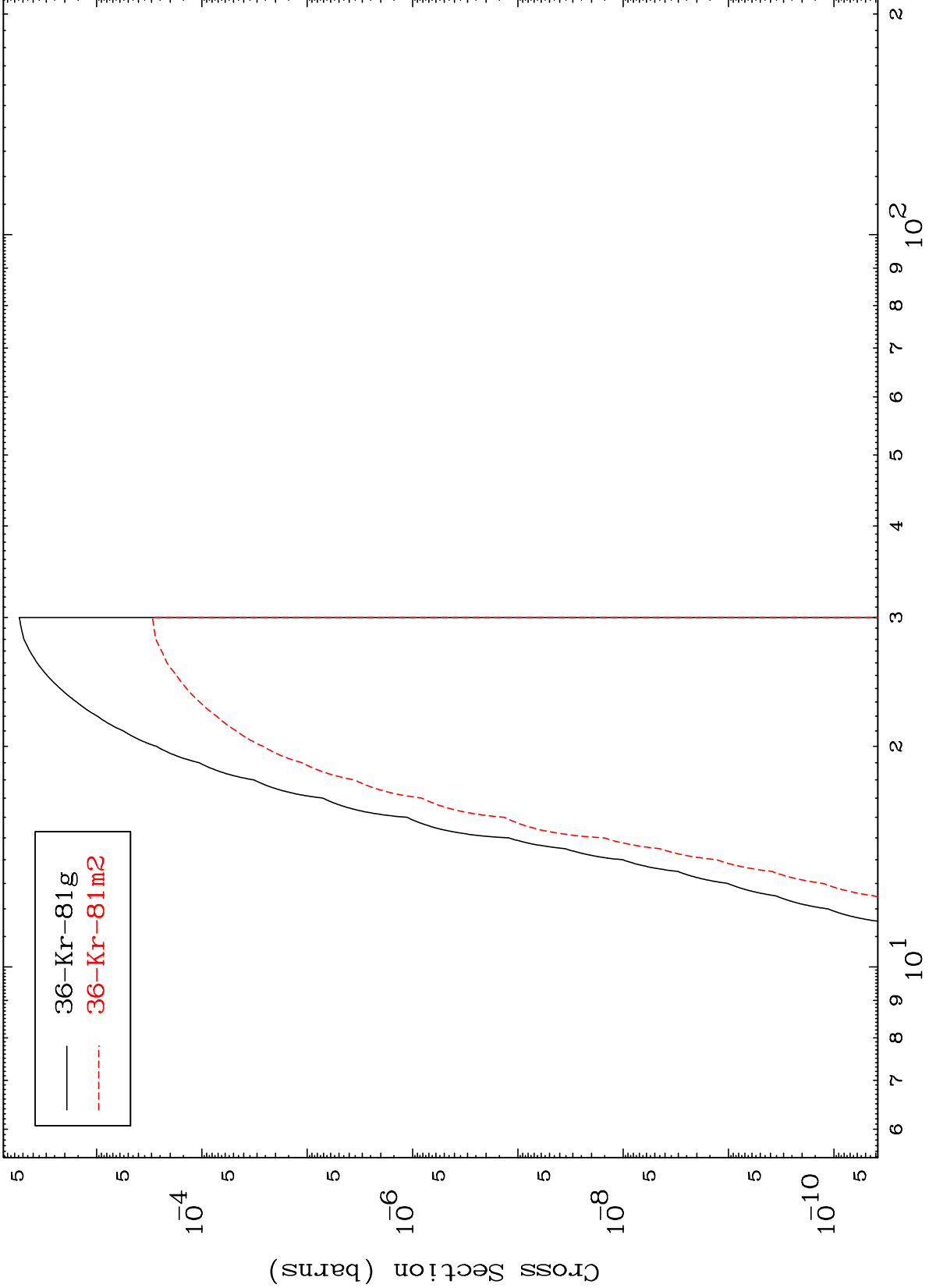


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(n,He-3)

38-Sr-83

Radionuclide Production Cross Section



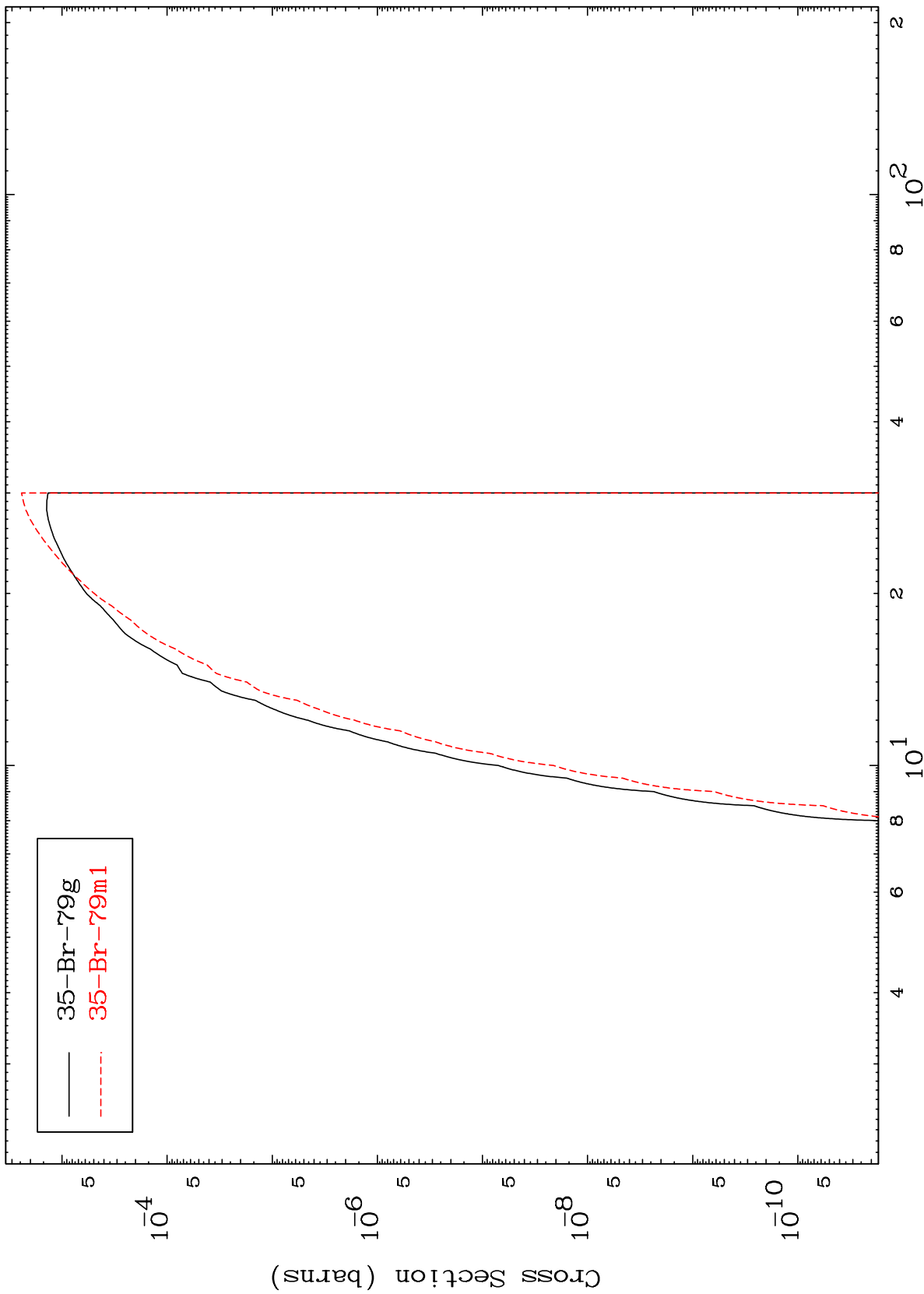
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Incident Energy (MeV)

38-Sr-83

(n,p)  $\alpha$

Radionuclide Production Cross Section



Radionuclide Production Cross Section

