

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

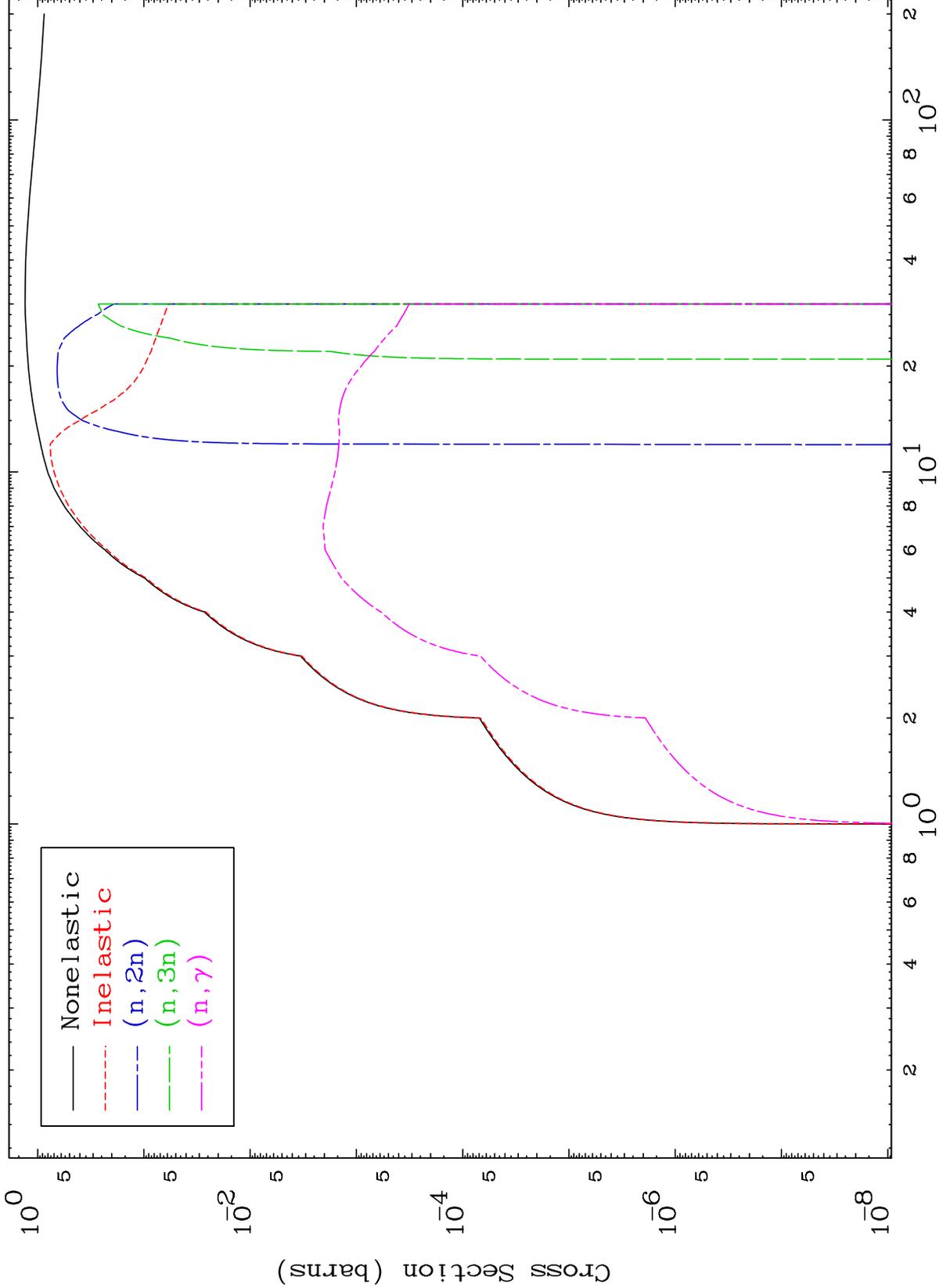
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1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

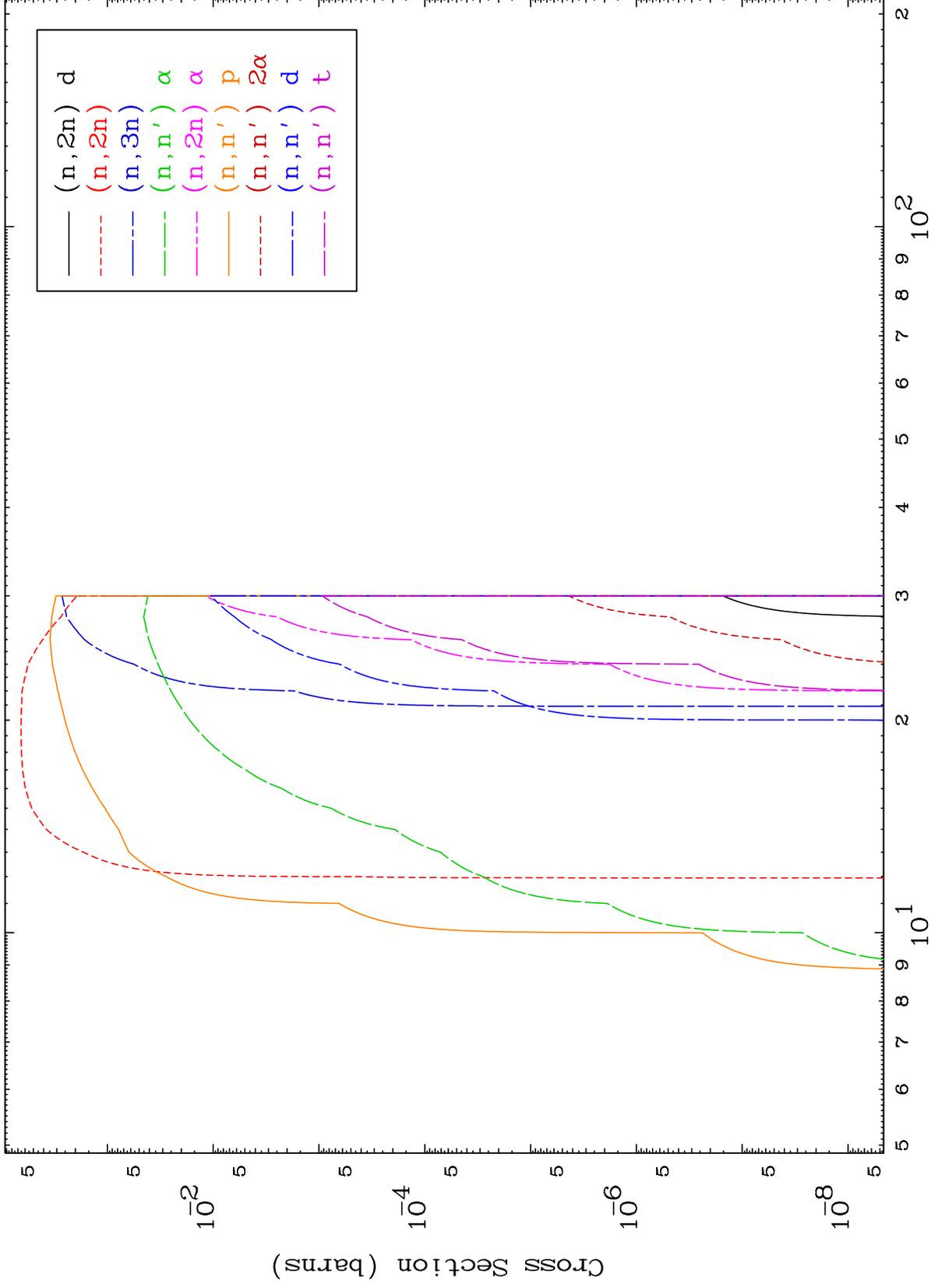
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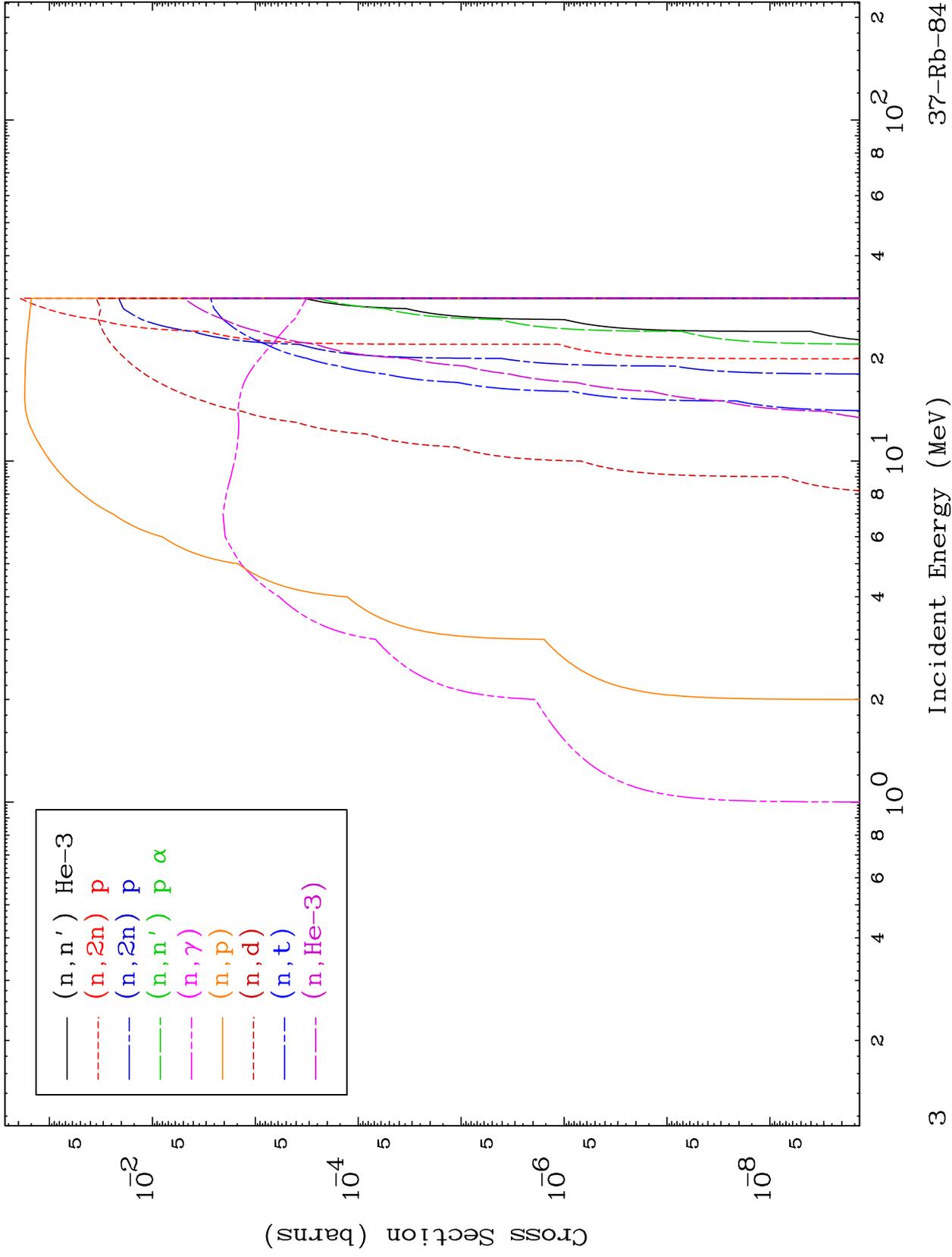
E.Mail:redcullen1@comcast.net

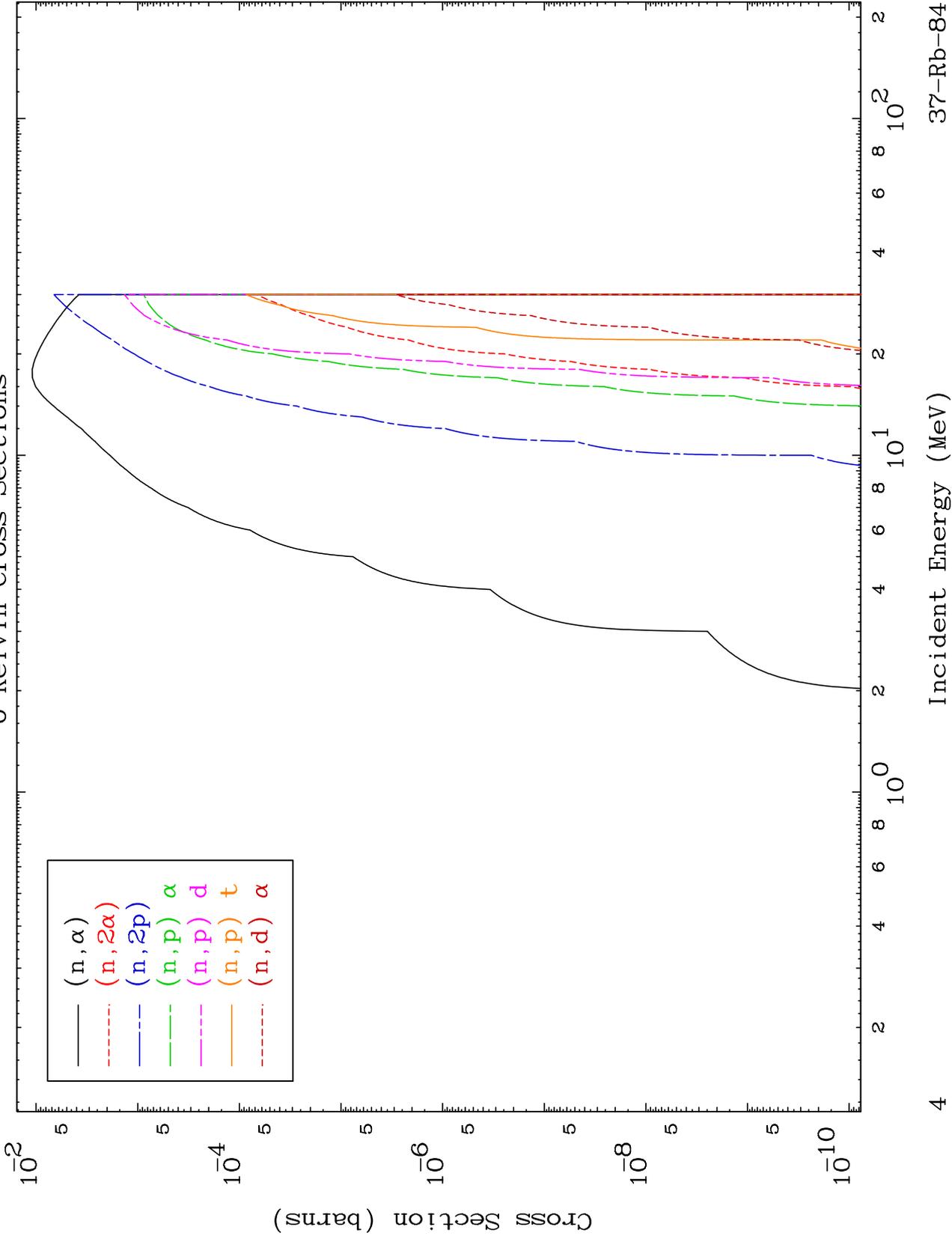
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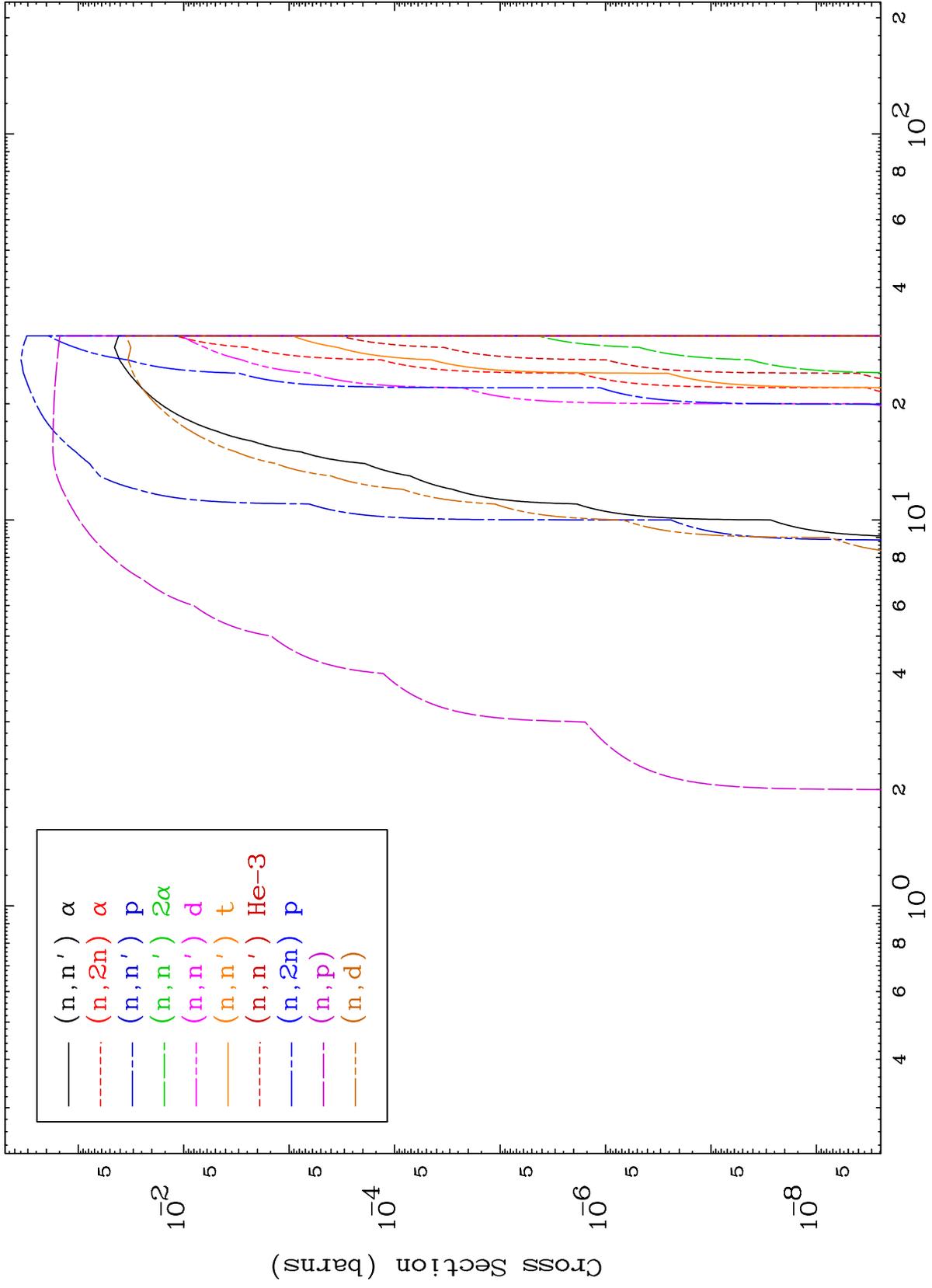
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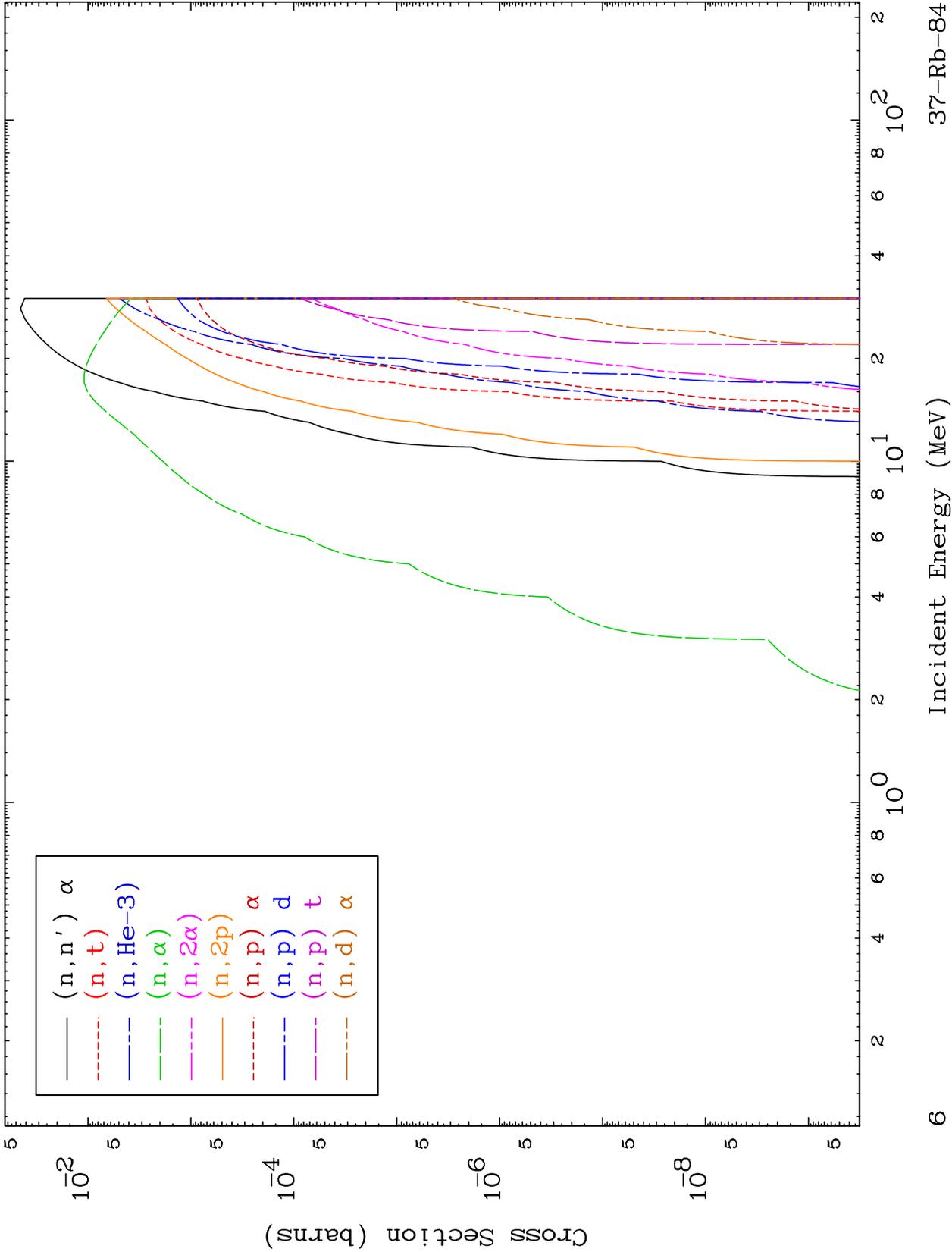








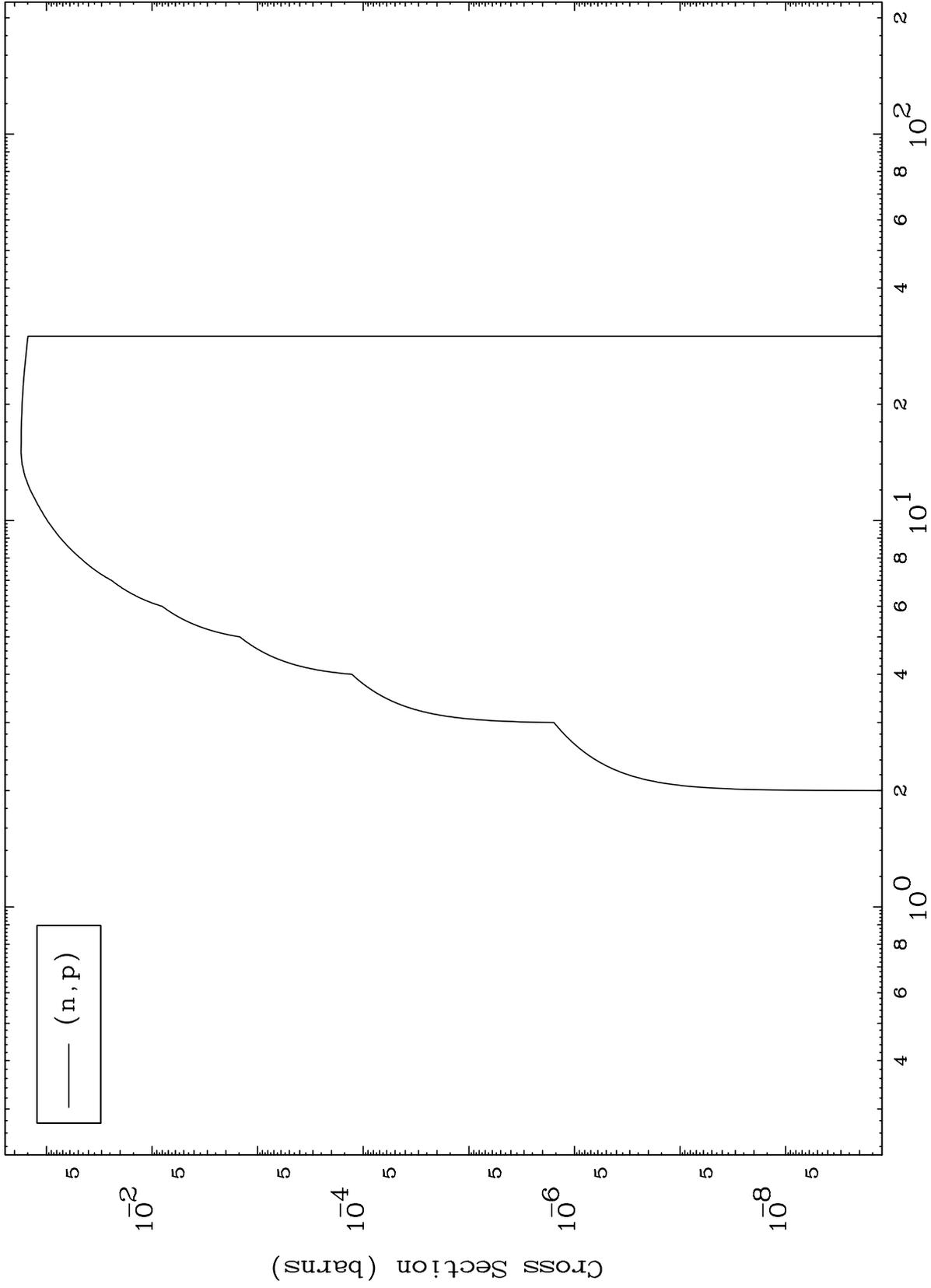




MAT 3722

37-Rb-84

(p,p) Levels  
0 Kelvin Cross Sections

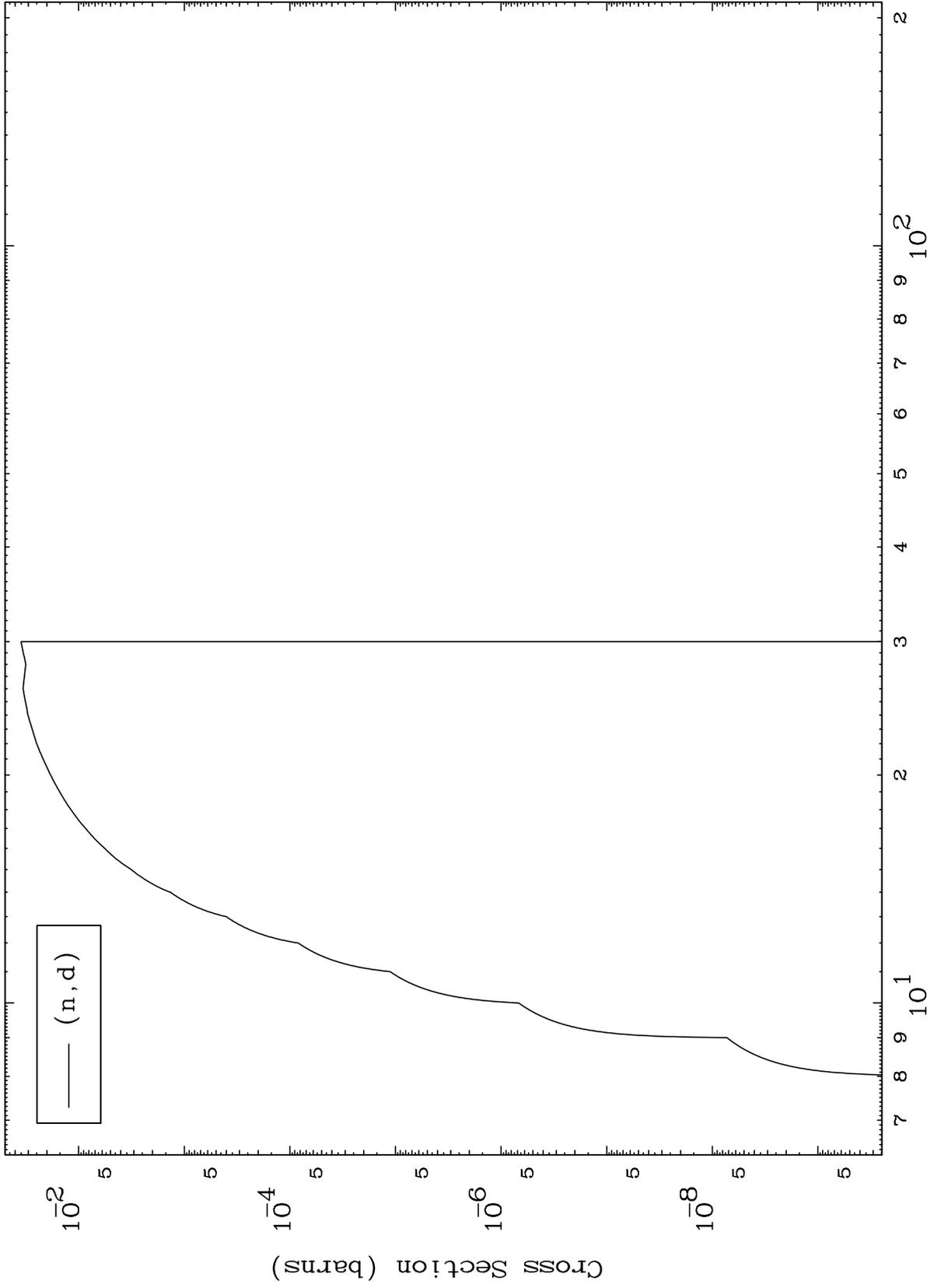


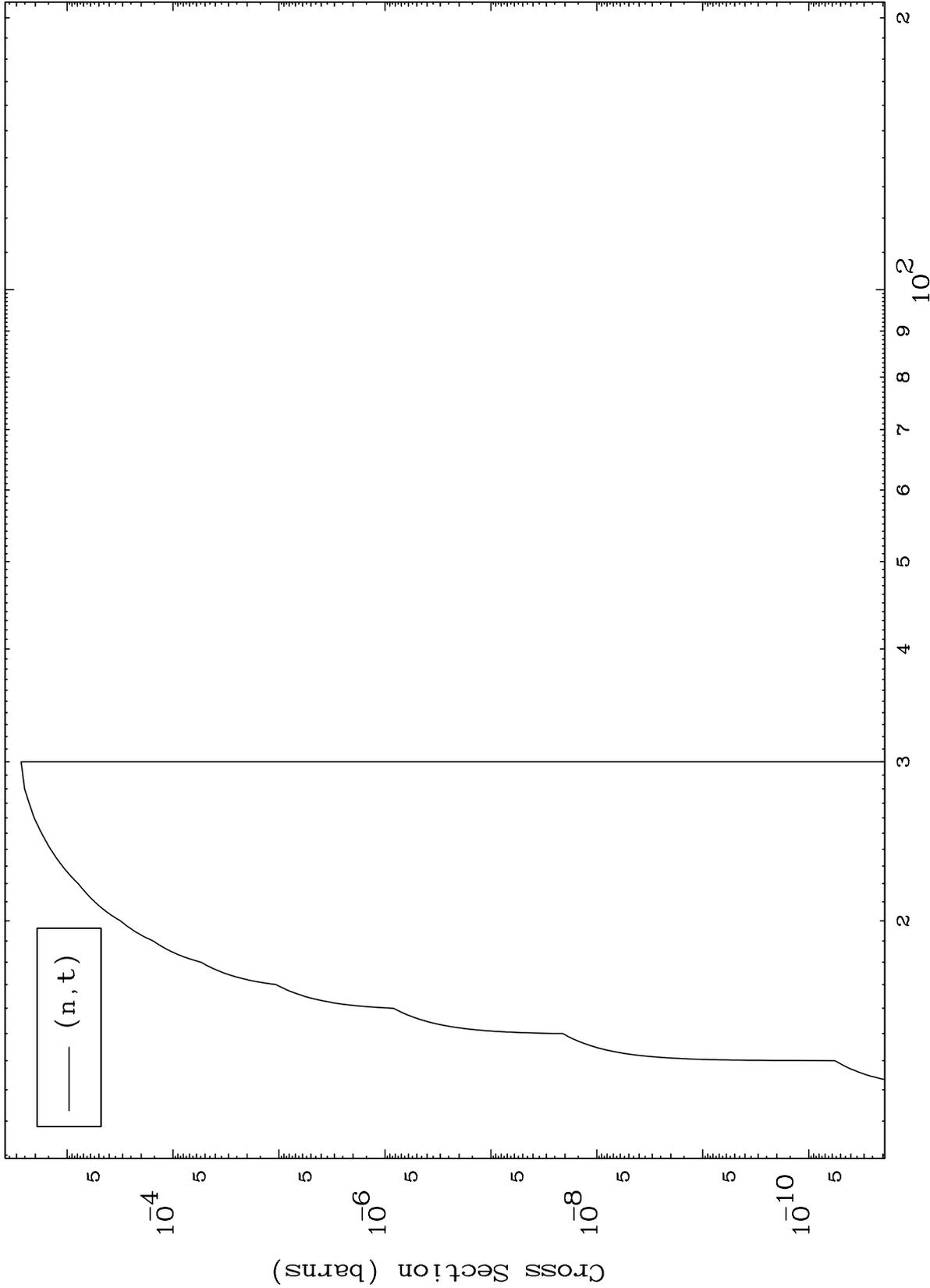
37-Rb-84

Incident Energy (MeV)

7

(p,d) Levels  
0 Kelvin Cross Sections

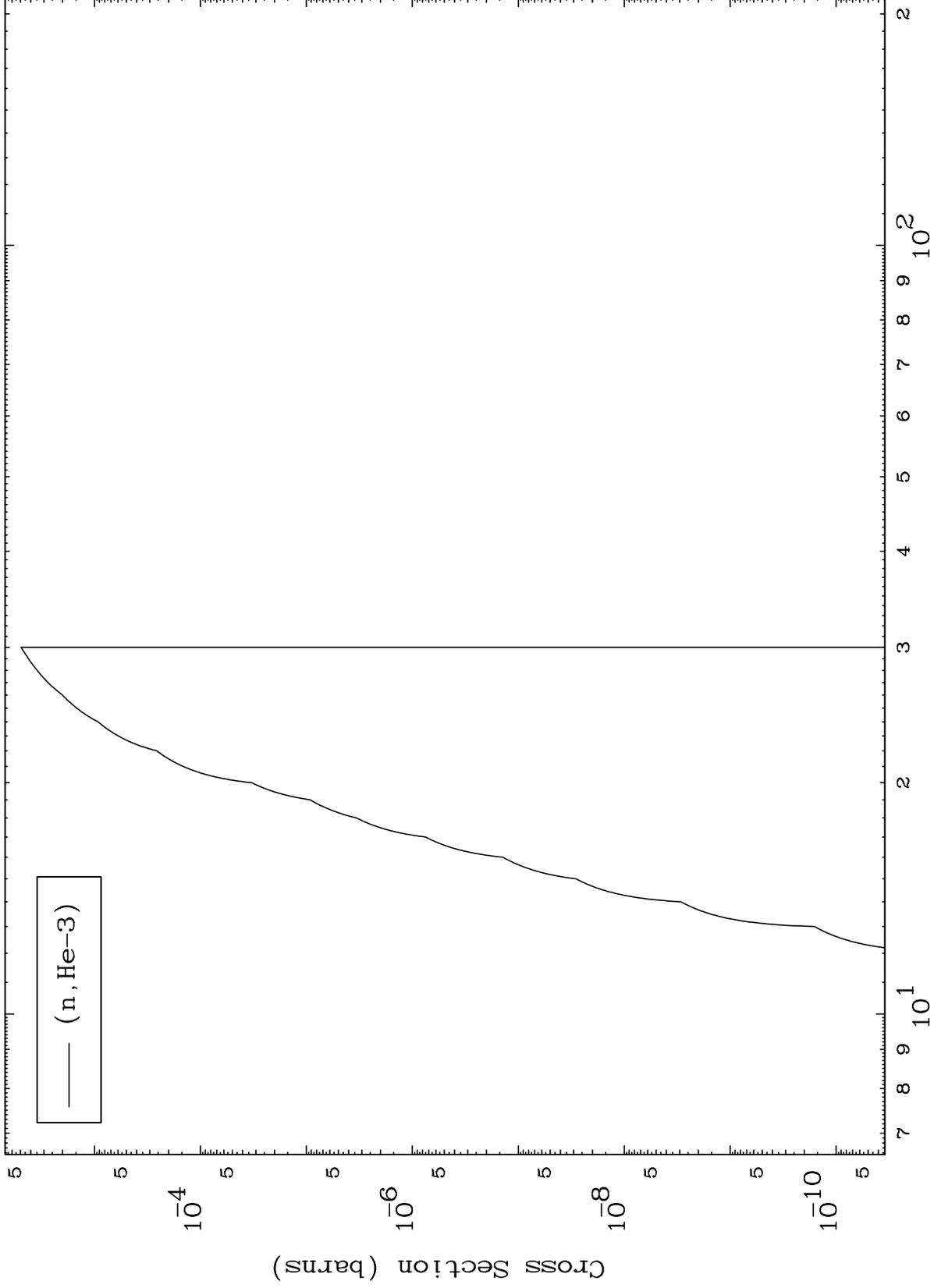




MAT 3722

(p,He3) Levels  
0 Kelvin Cross Sections

37-Rb-84



10

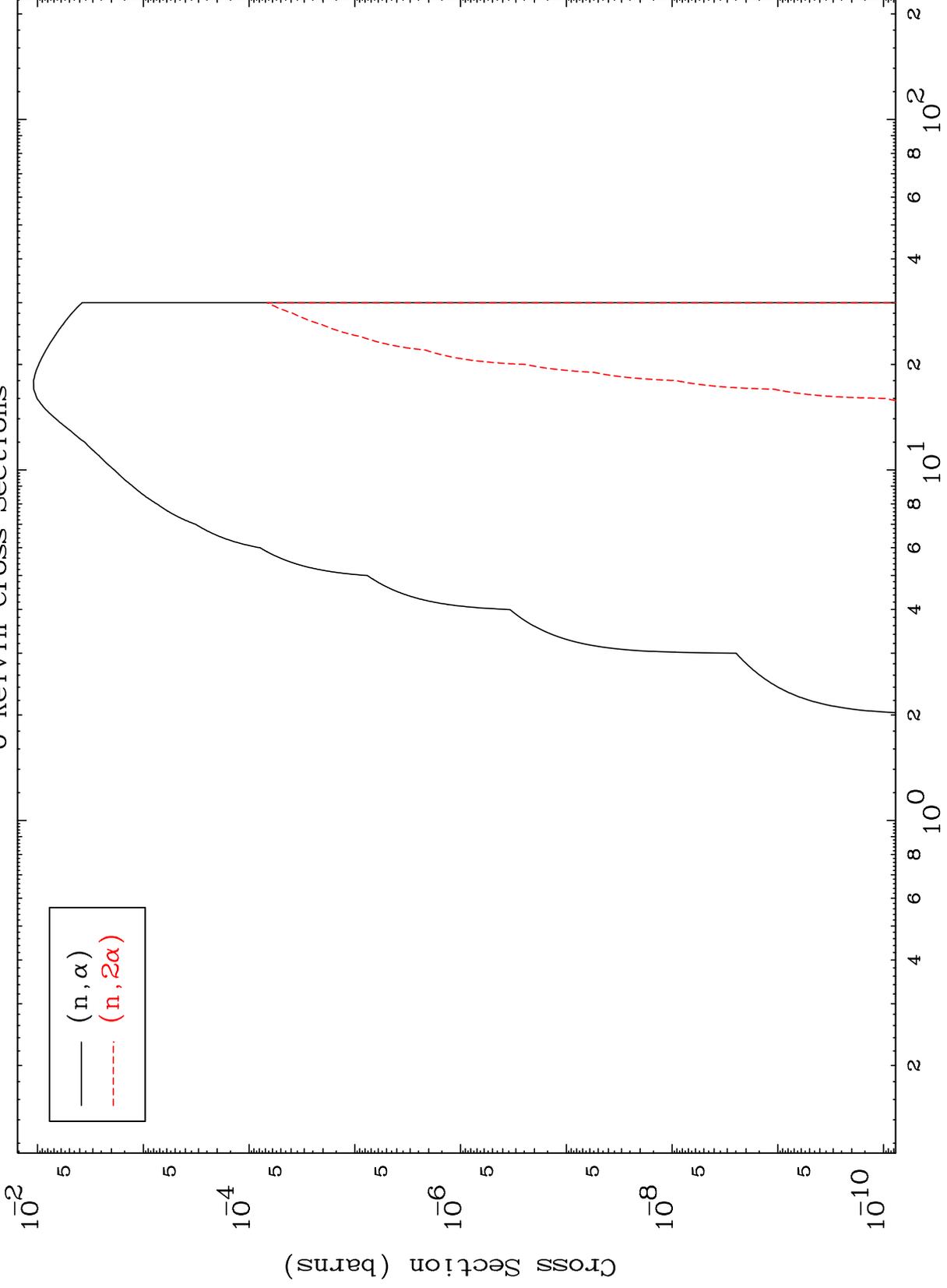
Incident Energy (MeV)

37-Rb-84

MAT 3722

(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

<sup>37</sup>Rb-84

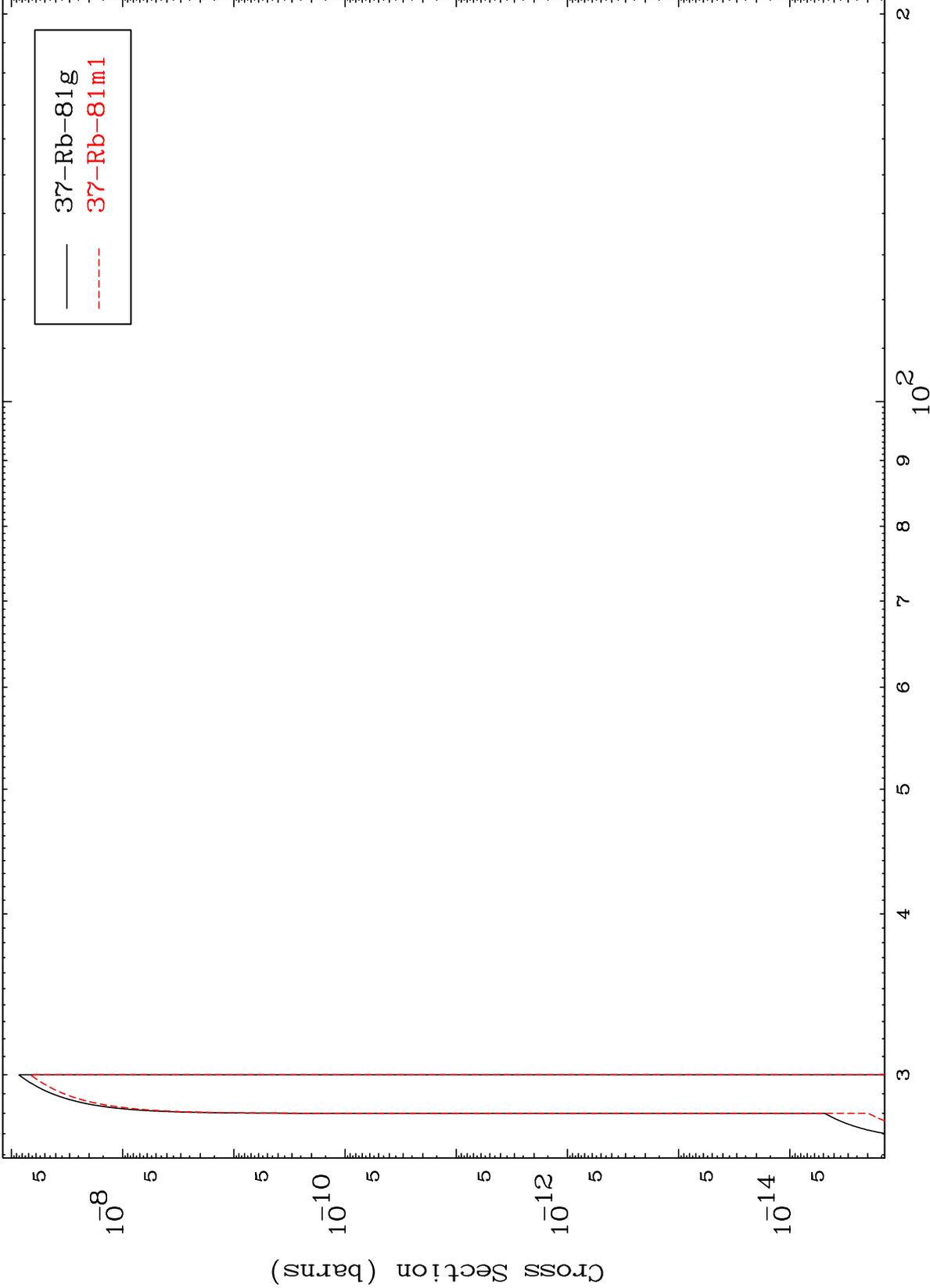


MAT 3722

(n,2n) d

37-Rb-84

Radionuclide Production Cross Section



12

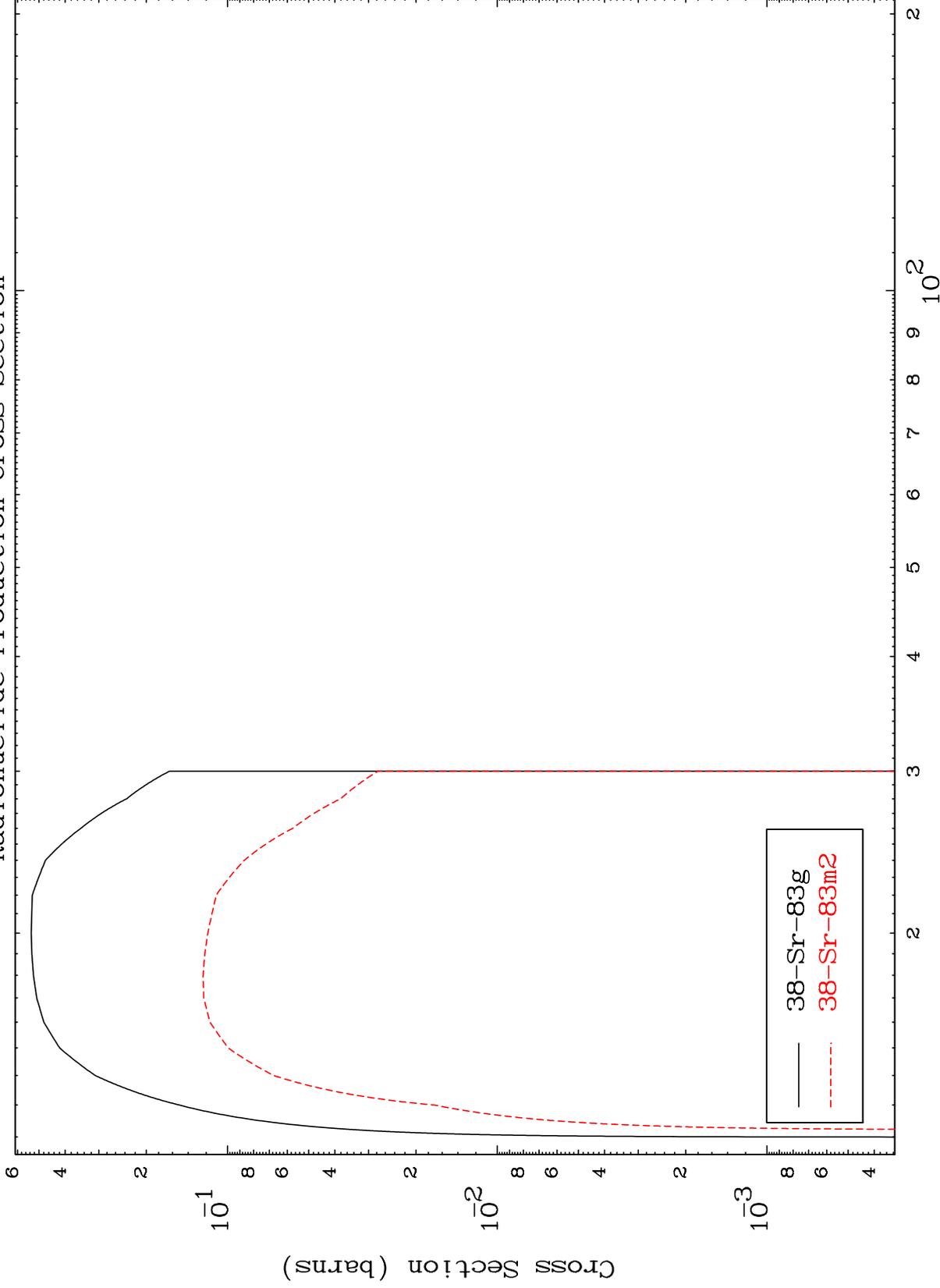
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

Radionuclide Production Cross Section  
(n,2n)



37-Rb-84

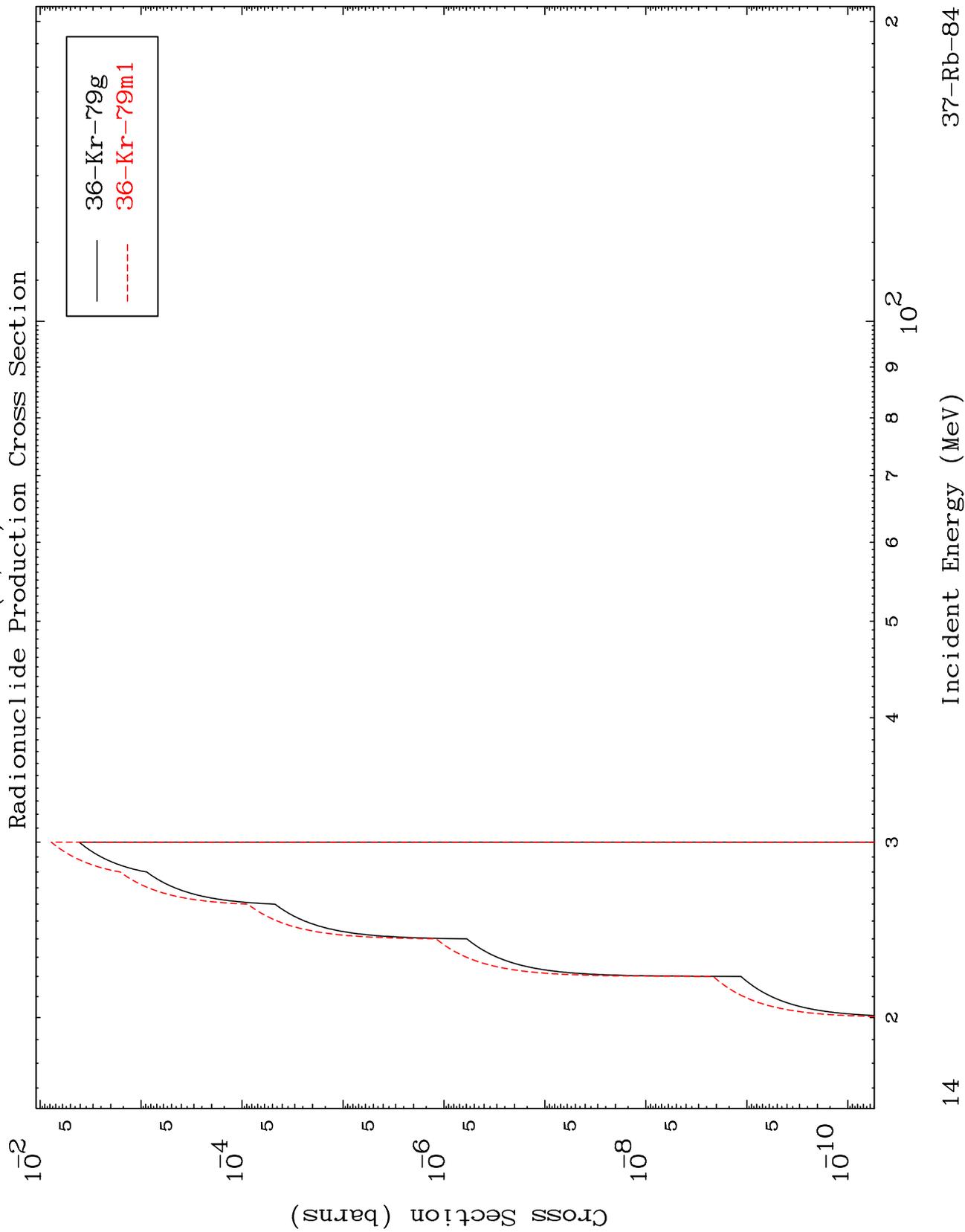
Incident Energy (MeV)

13

MAT 3722

$(n,2n)$   $\alpha$

37-Rb-84



14

Incident Energy (MeV)

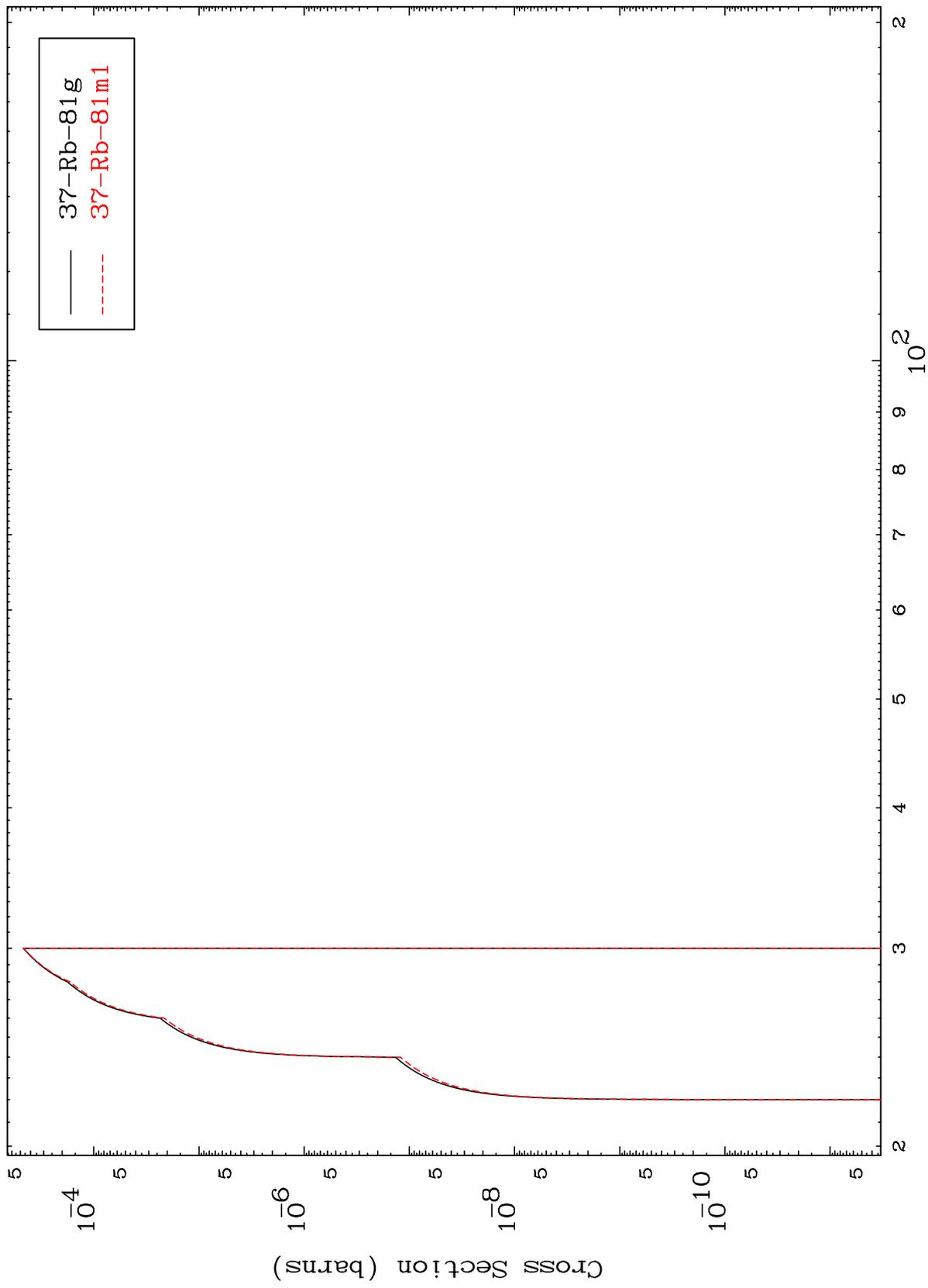
37-Rb-84



MAT 3722

37-Rb-84

(n,n') t  
Radionuclide Production Cross Section

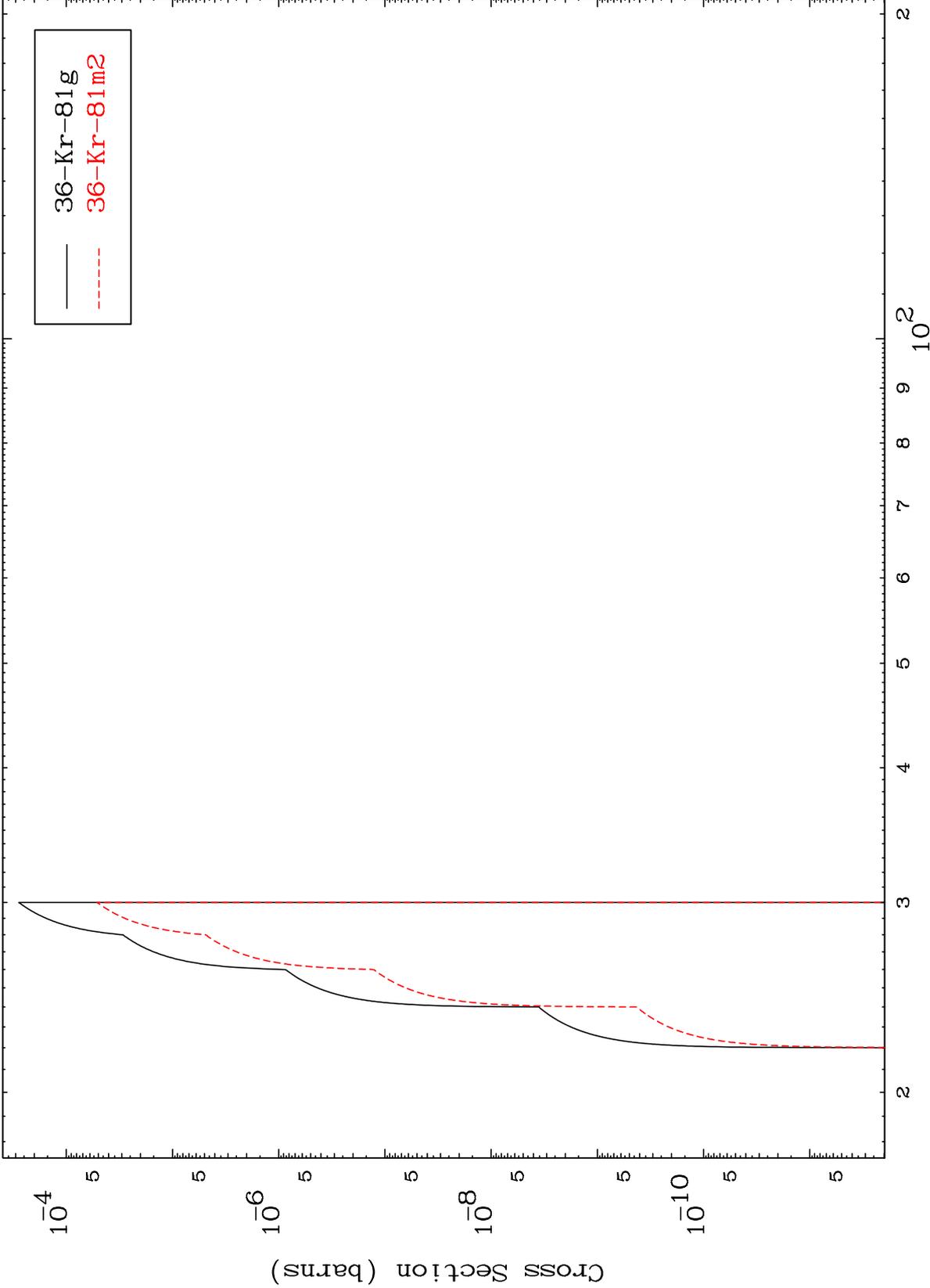


37-Rb-84

Incident Energy (MeV)

16

Radionuclide Production Cross Section

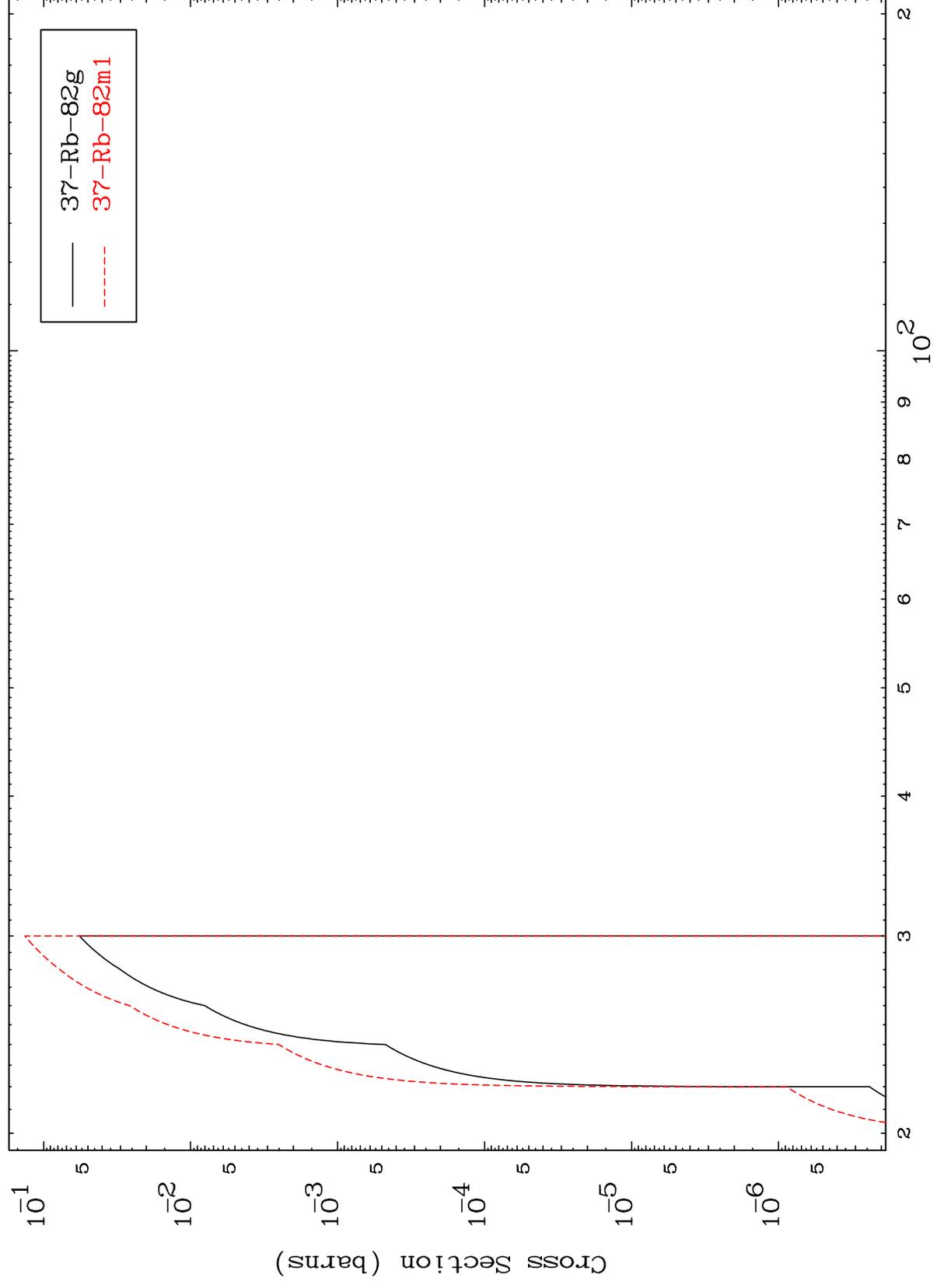


MAT 3722

(n,2n) p

37-Rb-84

Radionuclide Production Cross Section



37-Rb-82g  
37-Rb-82m1

18

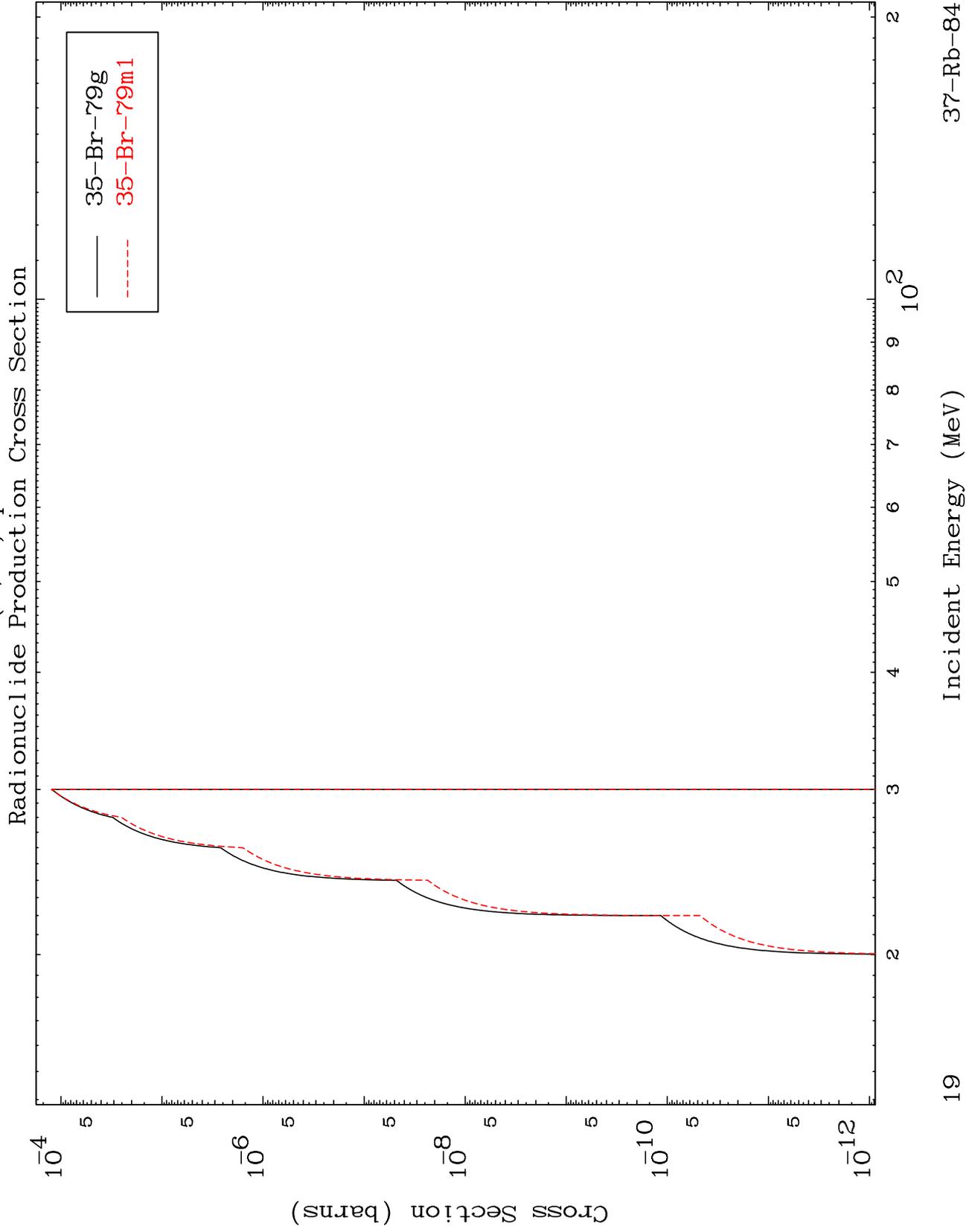
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,n') p  $\alpha$

37-Rb-84



19

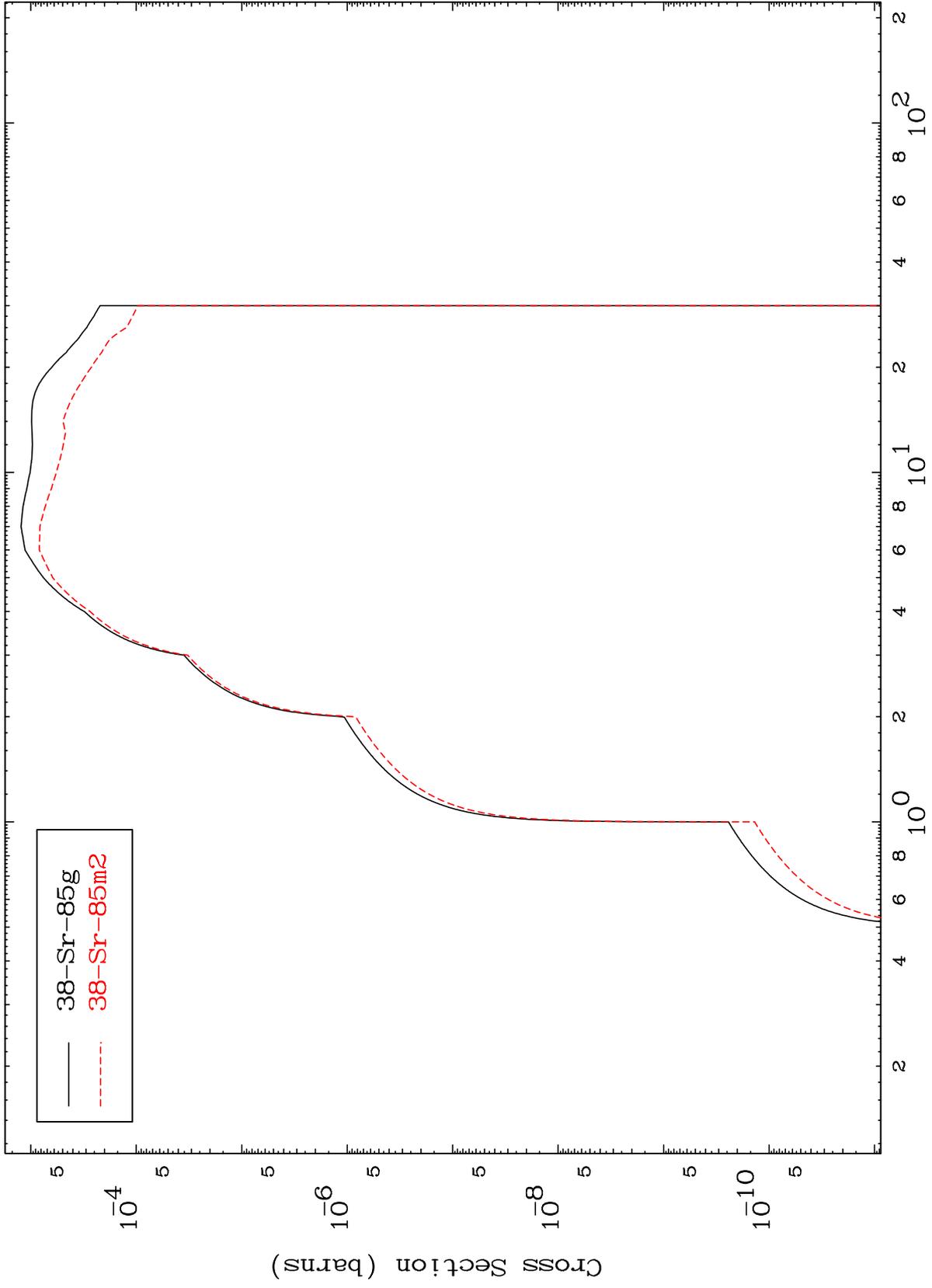
Incident Energy (MeV)

37-Rb-84

MAT 3722

<sup>37</sup>Rb-84

(n,γ)  
Radionuclide Production Cross Section



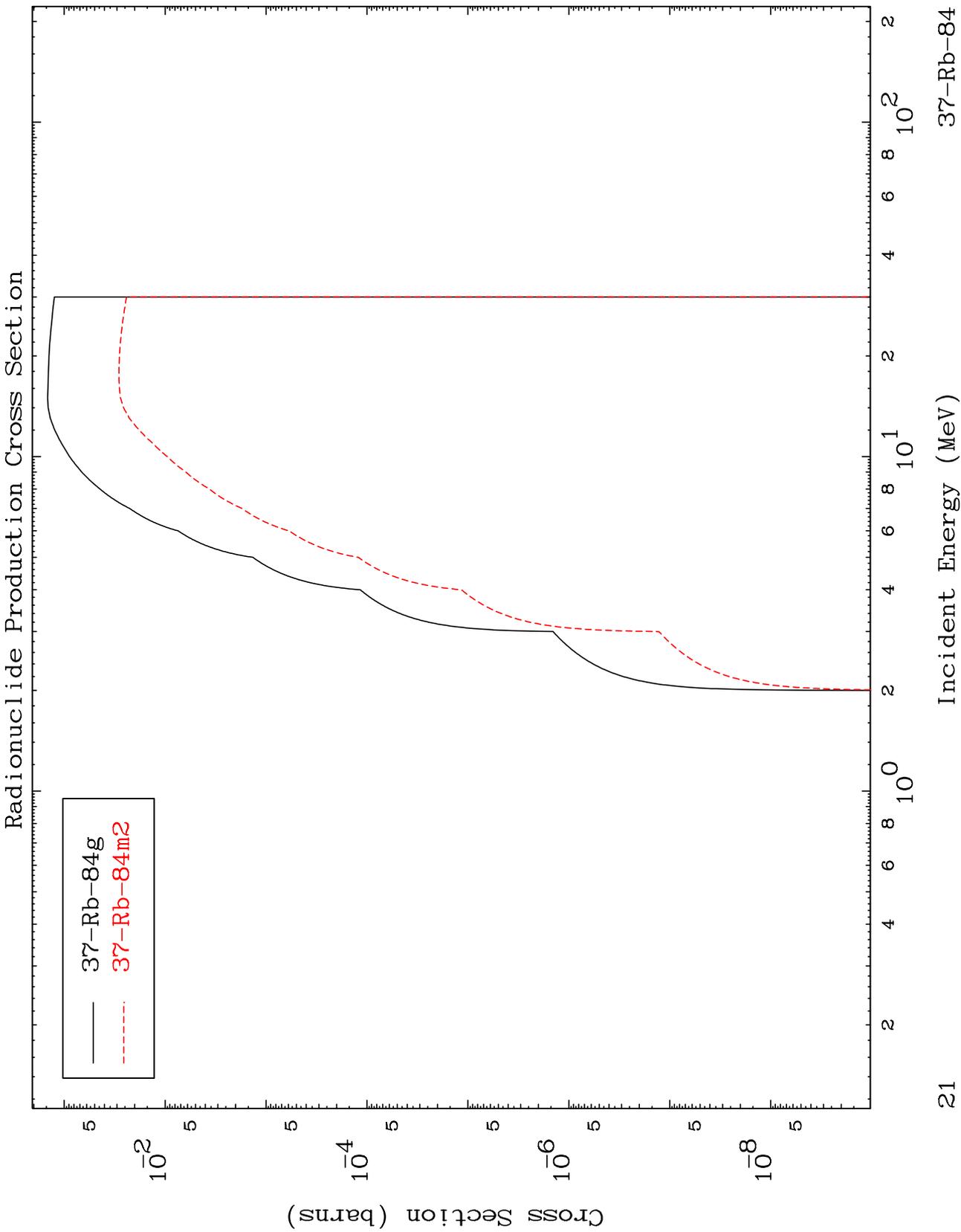
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Incident Energy (MeV)

<sup>37</sup>Rb-84

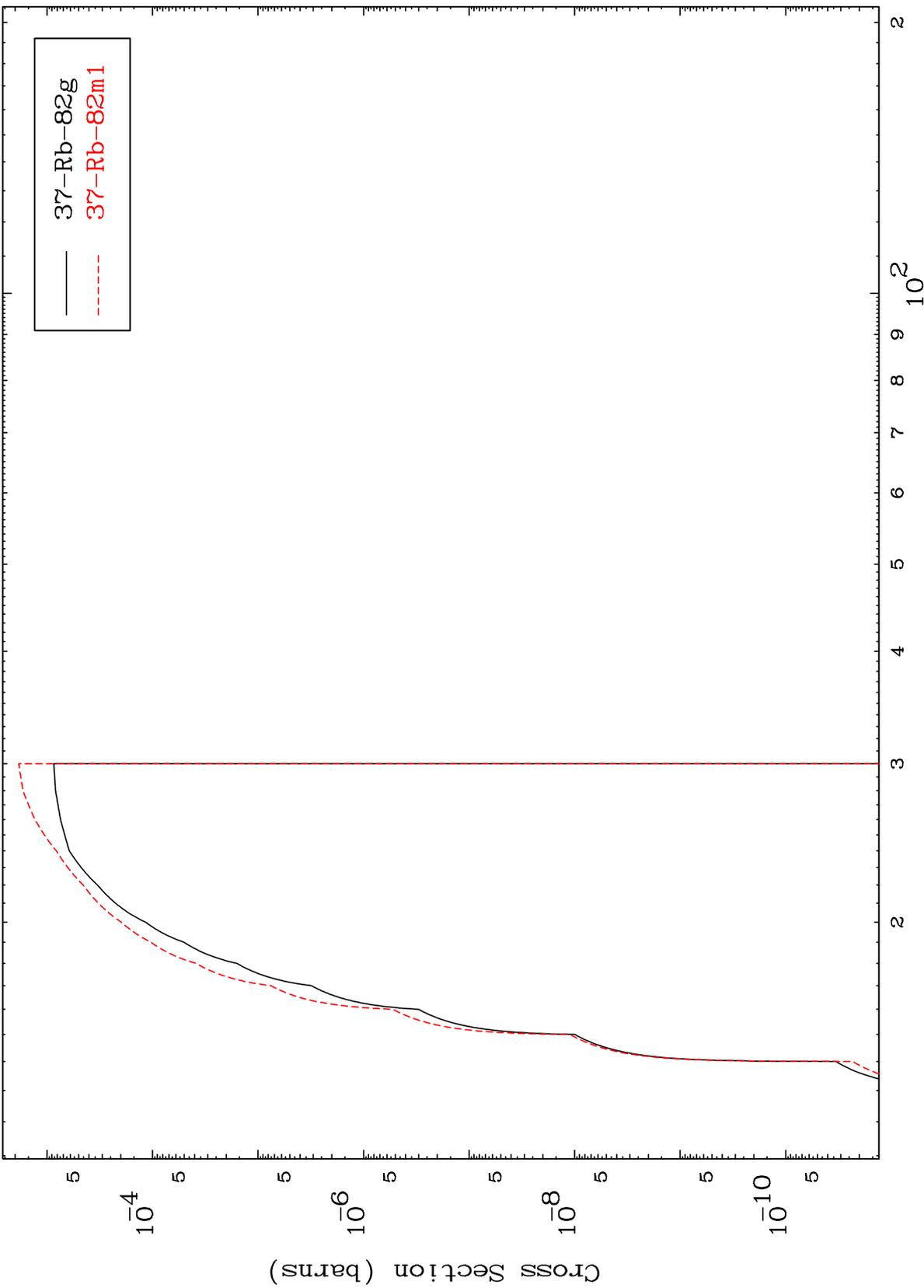
MAT 3722

<sup>37</sup>Rb-84



— 37-Rb-84g  
- - - 37-Rb-84m2

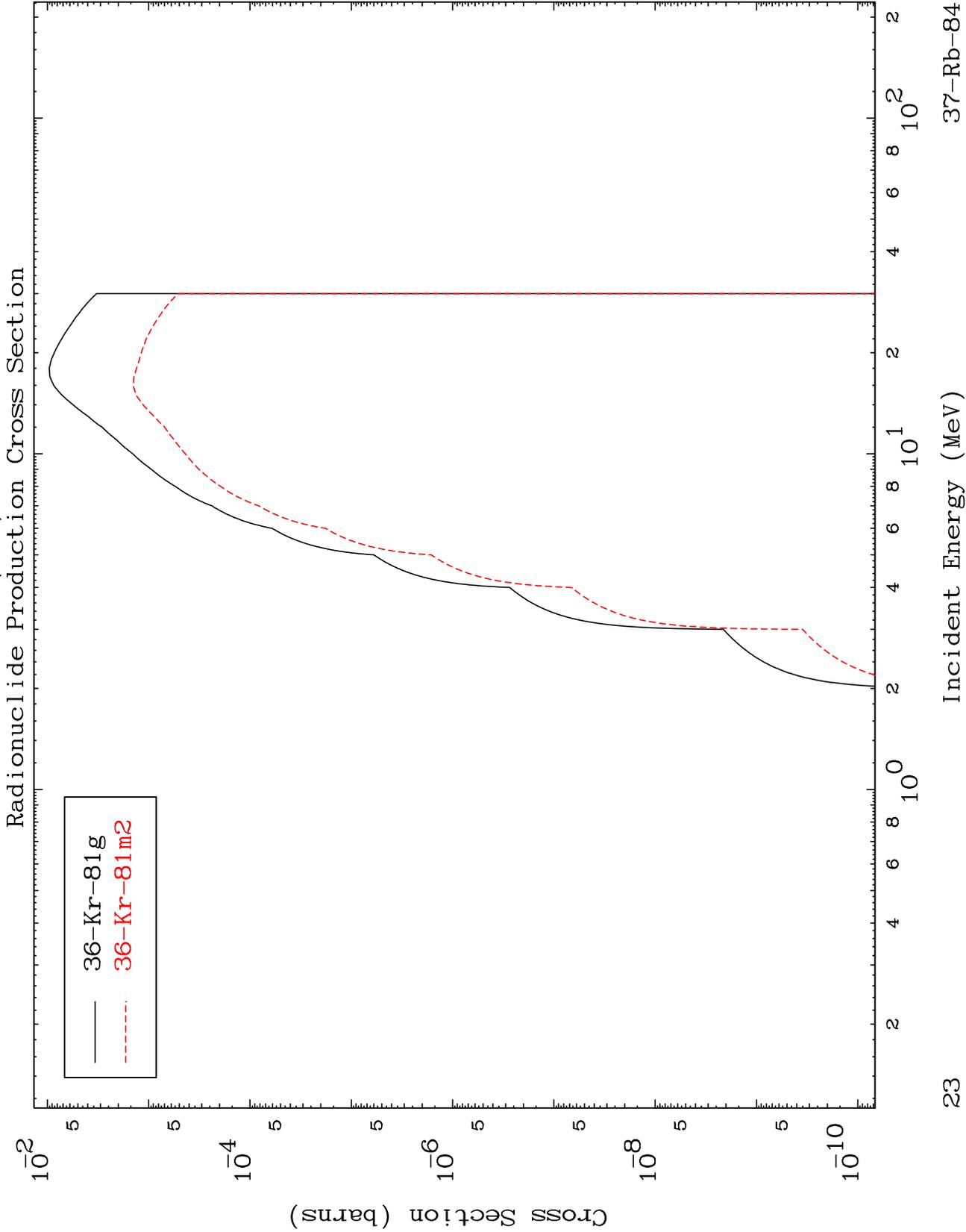
(n, t)  
Radionuclide Production Cross Section



37-Rb-82g  
37-Rb-82m1

MAT 3722

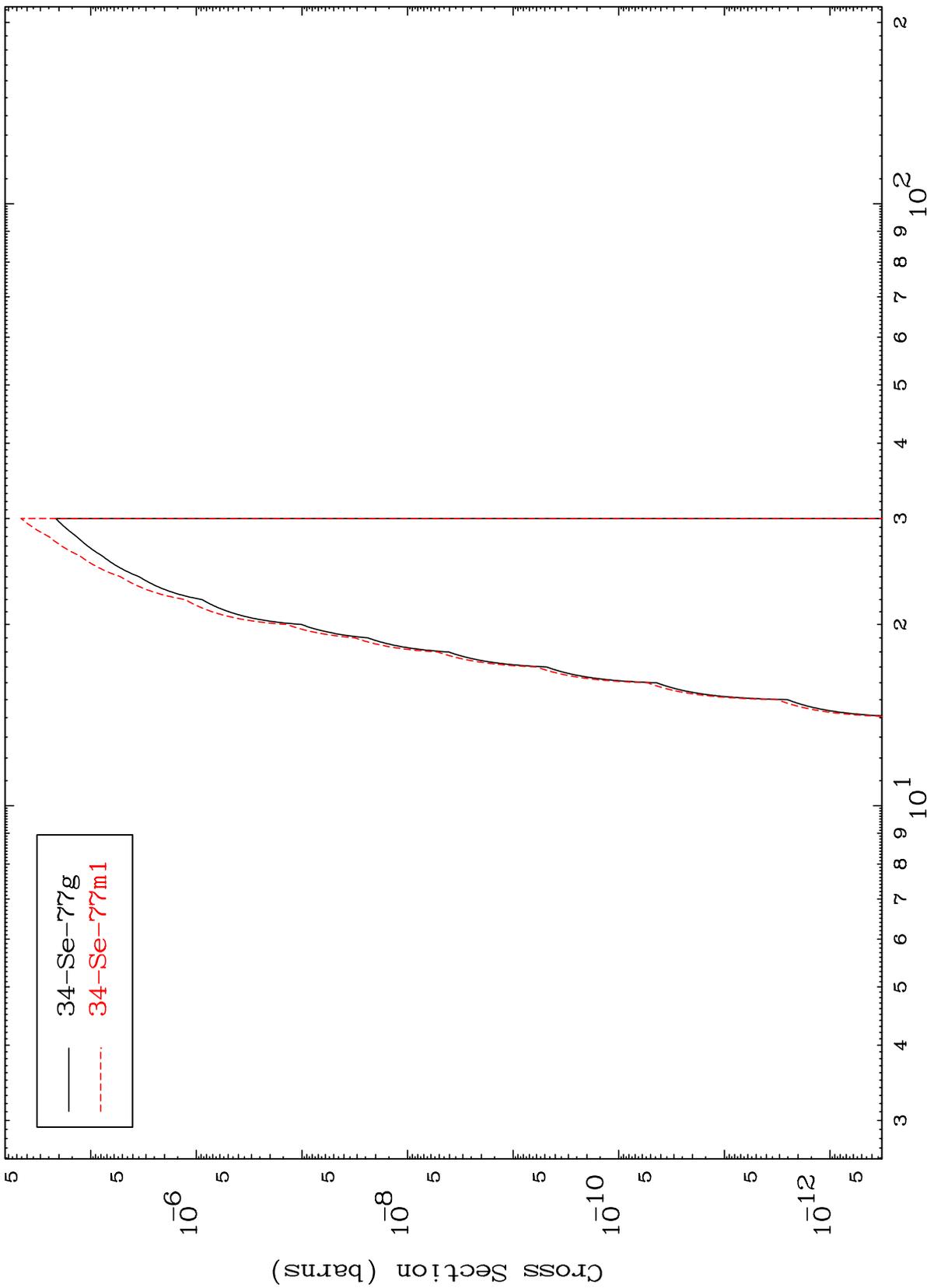
37-Rb-84



MAT 3722

37-Rb-84

Radionuclide Production Cross Section  
(n,2 $\alpha$ )



24

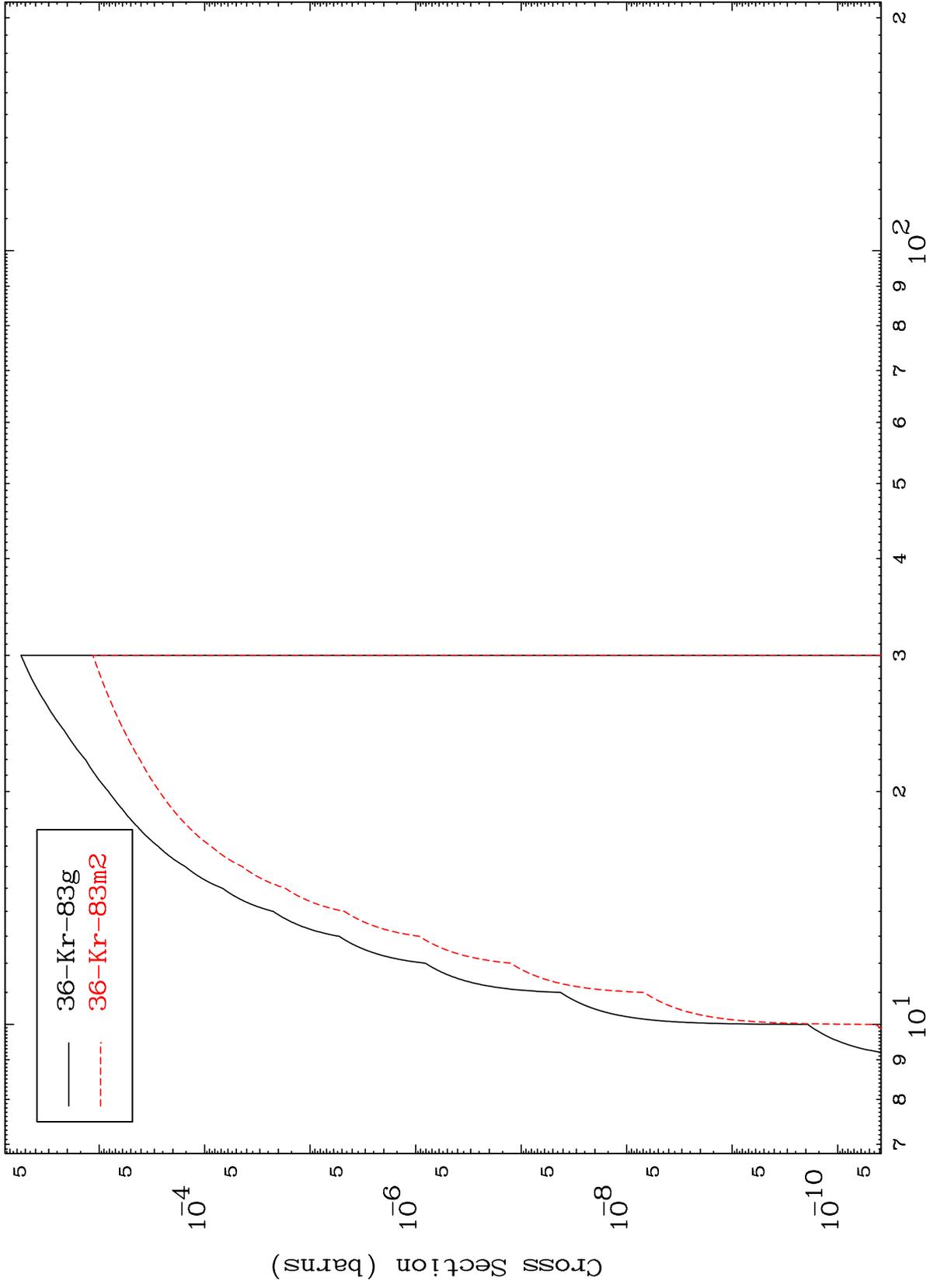
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

(n,2p)  
Radionuclide Production Cross Section



Incident Energy (MeV)

37-Rb-84

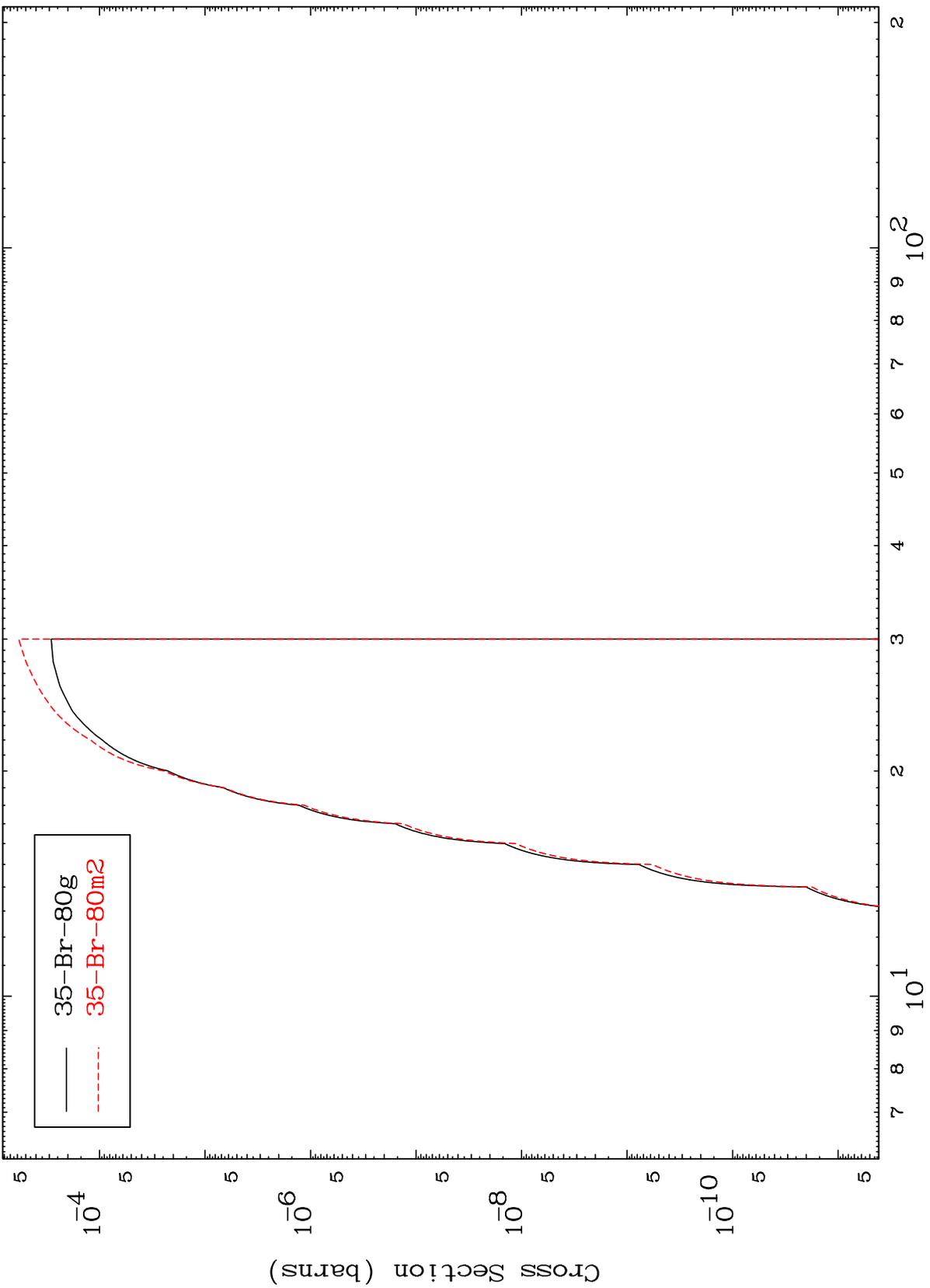
25

MAT 3722

37-Rb-84

(n,p)  $\alpha$

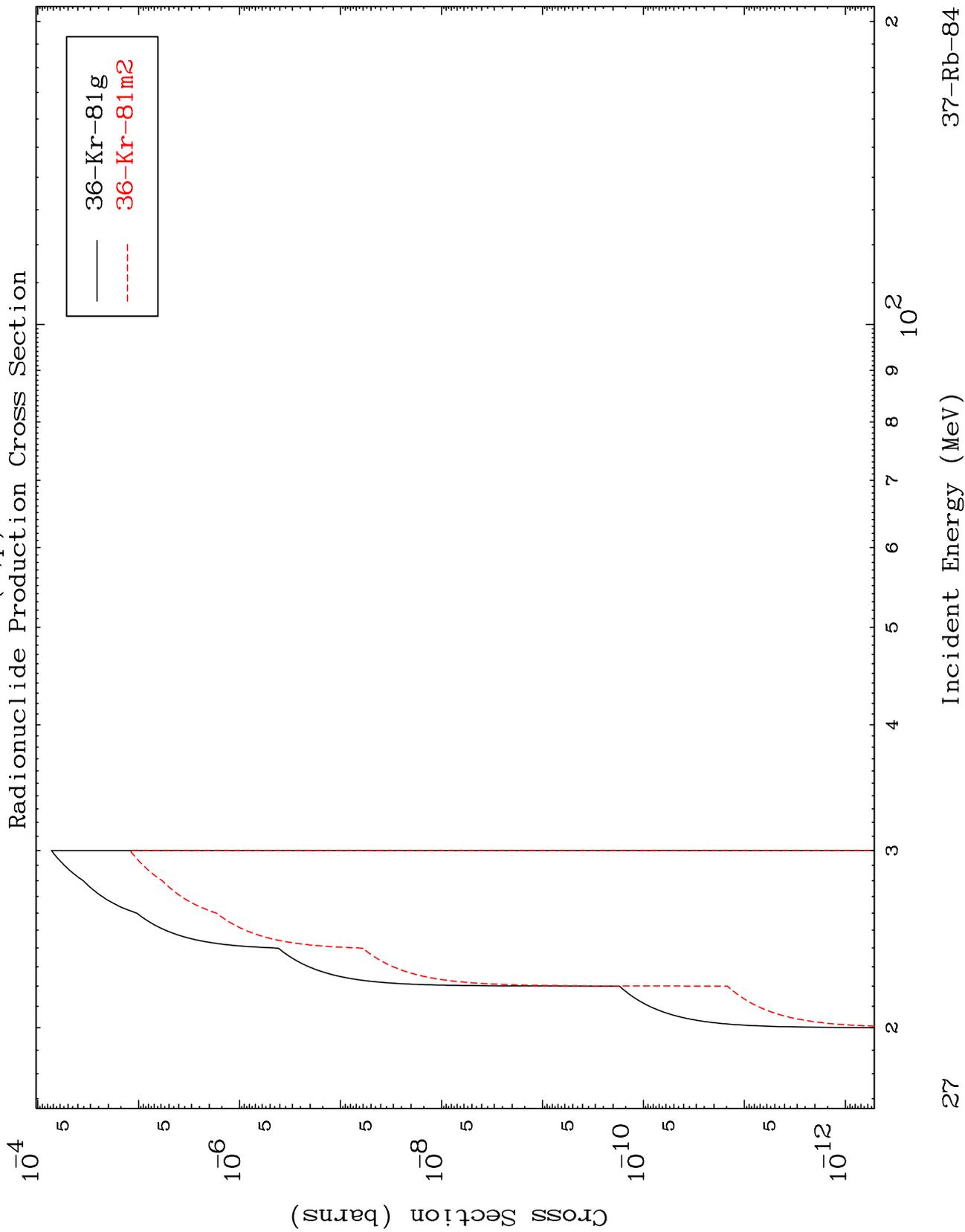
Radionuclide Production Cross Section



26

Incident Energy (MeV)

37-Rb-84



Radionuclide Production Cross Section

