

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

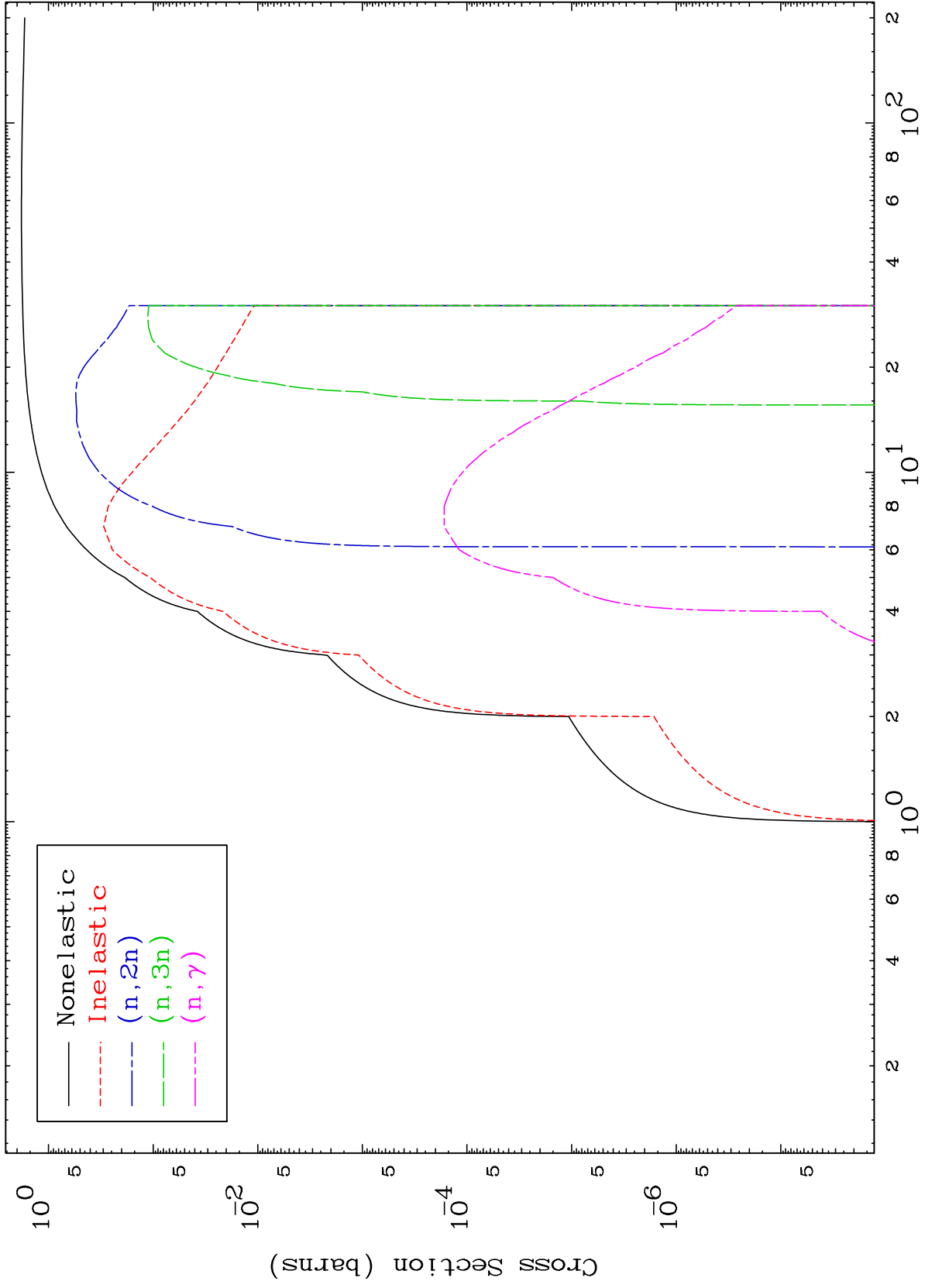
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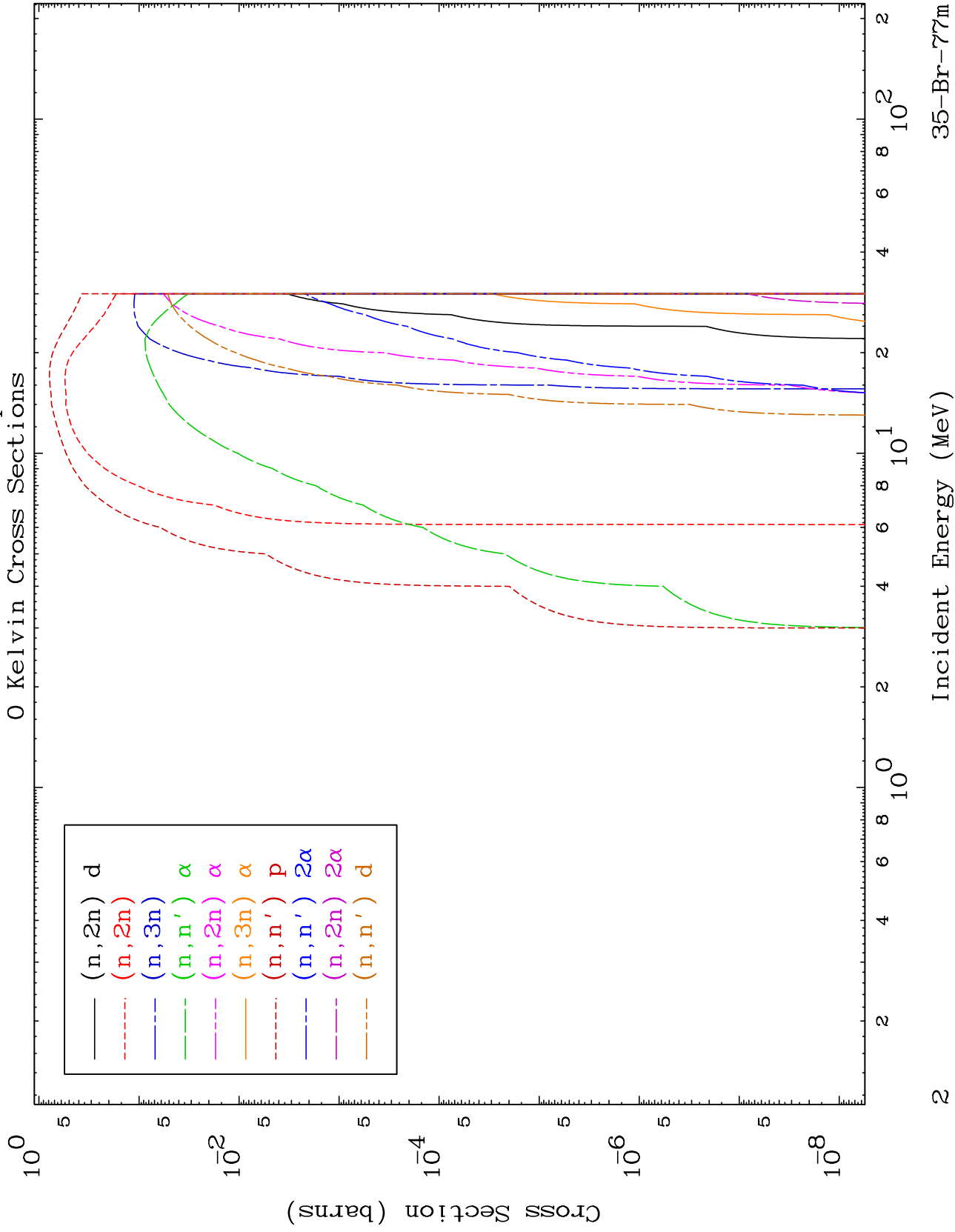
Press Mouse Button to Start

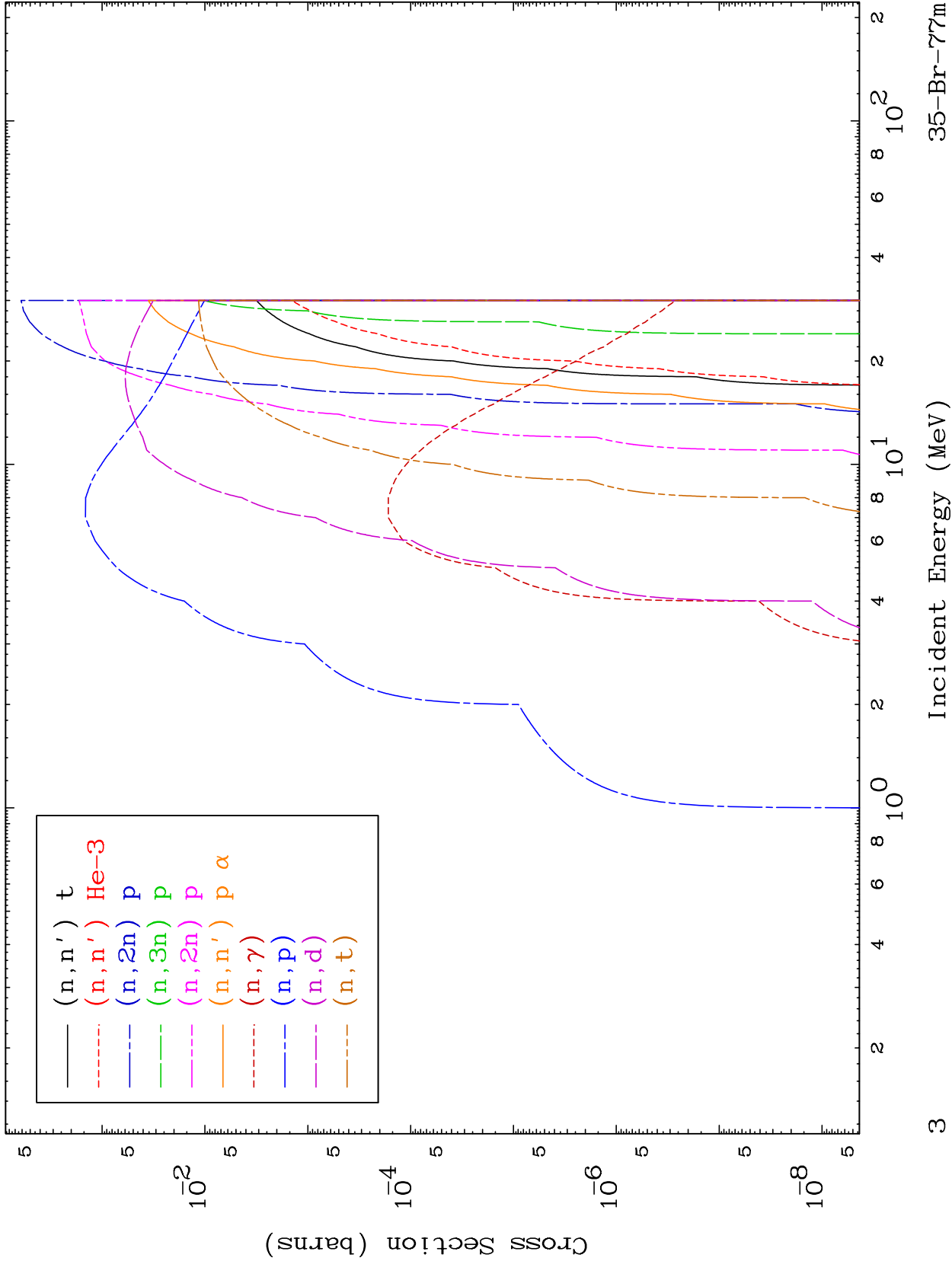


MAT 3520

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

<sup>35</sup>Br-77m

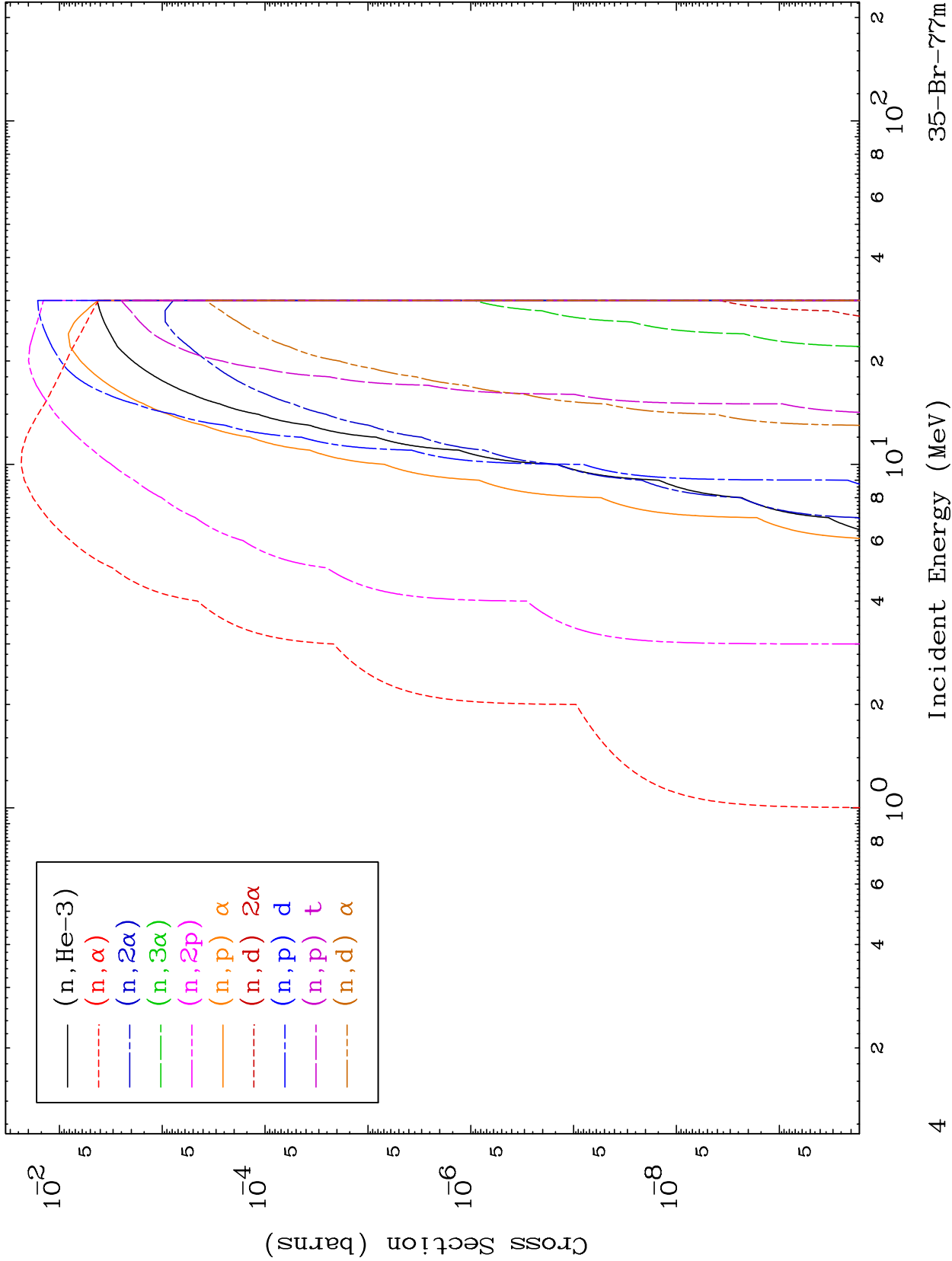




MAT 3520

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

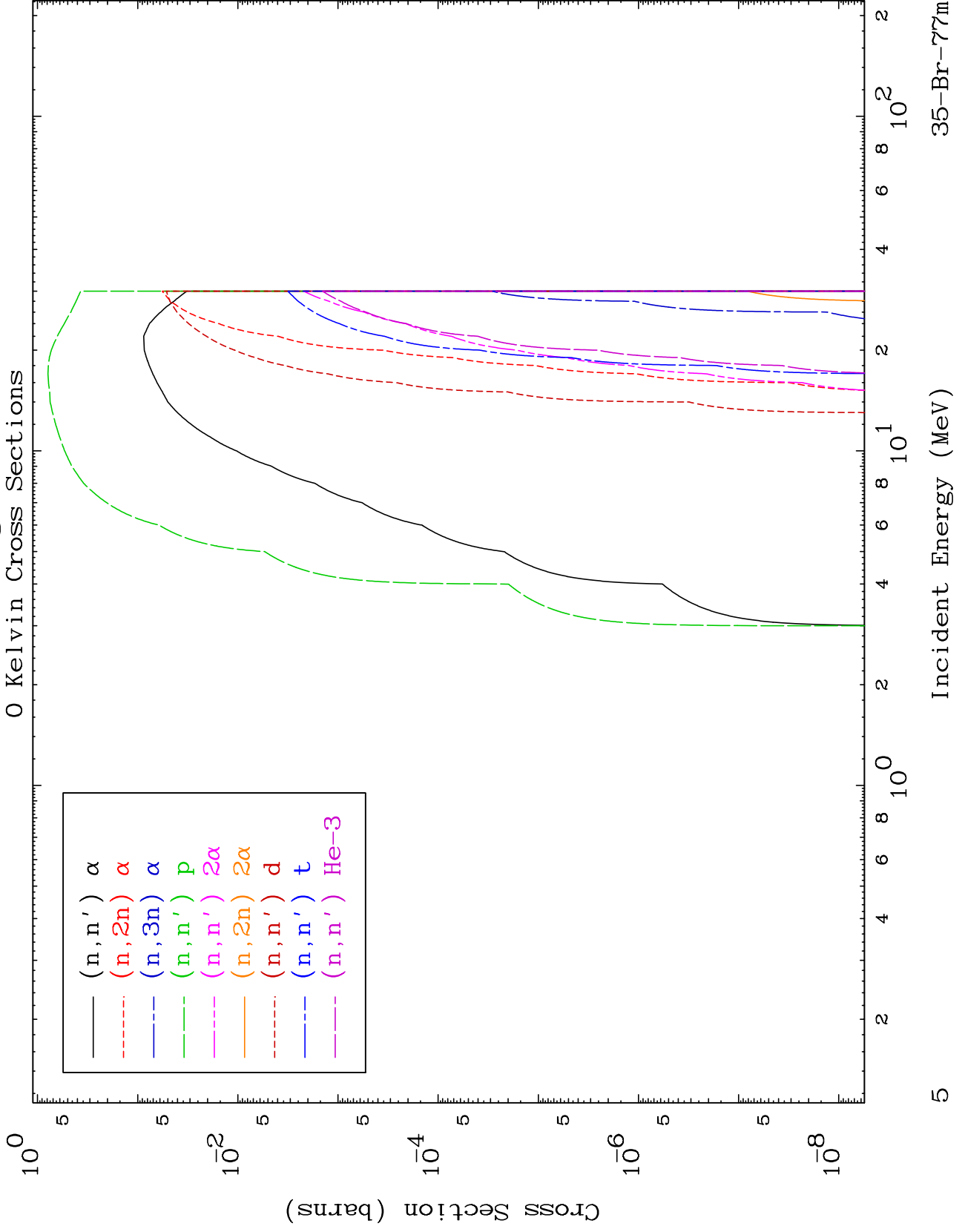
35-Br-77m



MAT 3520

Deuteron Charged Particle  
0 Kelvin Cross Sections

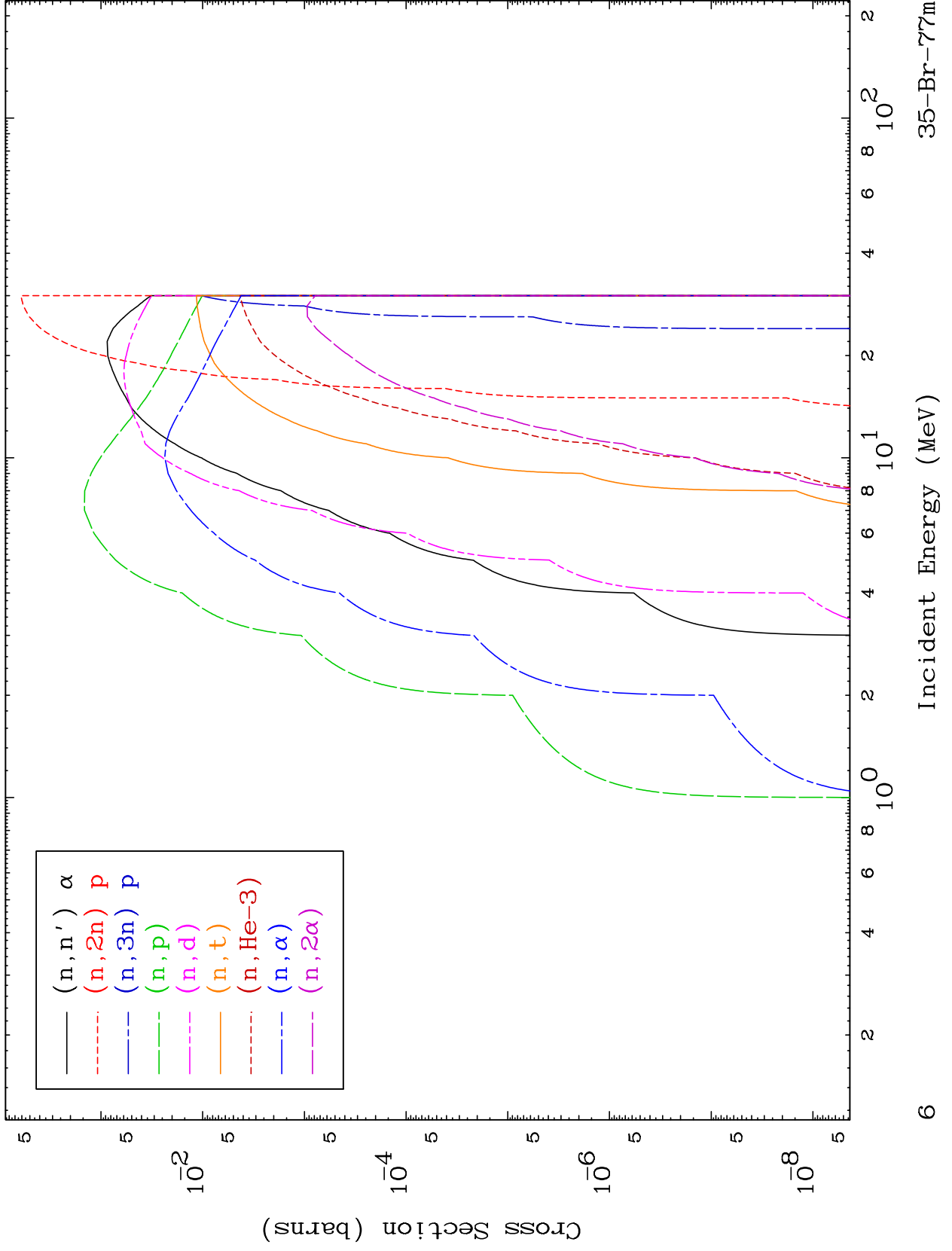
35-Br-77m

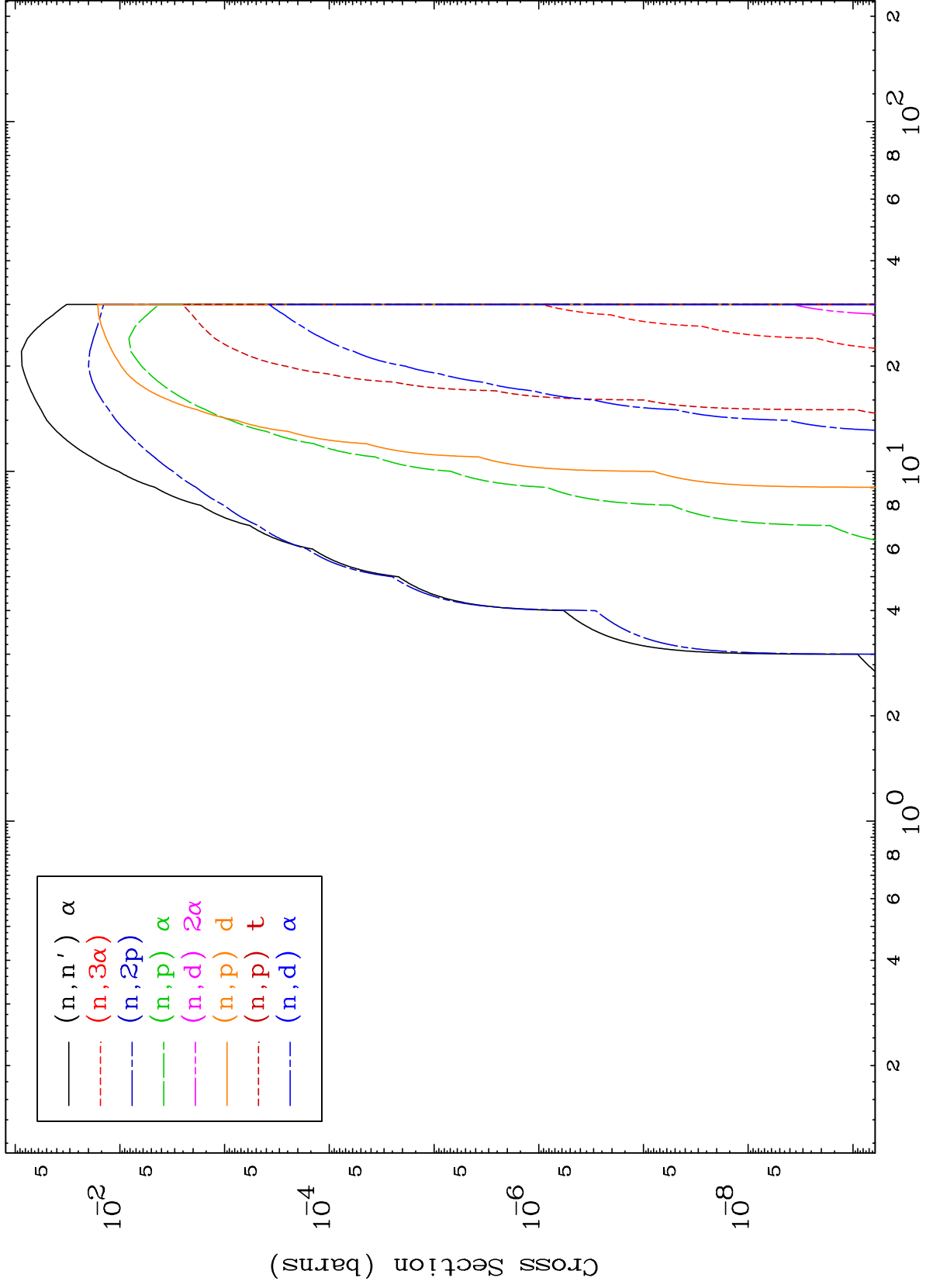


MAT 3520

Deuteron Charged Particle  
0 Kelvin Cross Sections

35-Br-77m



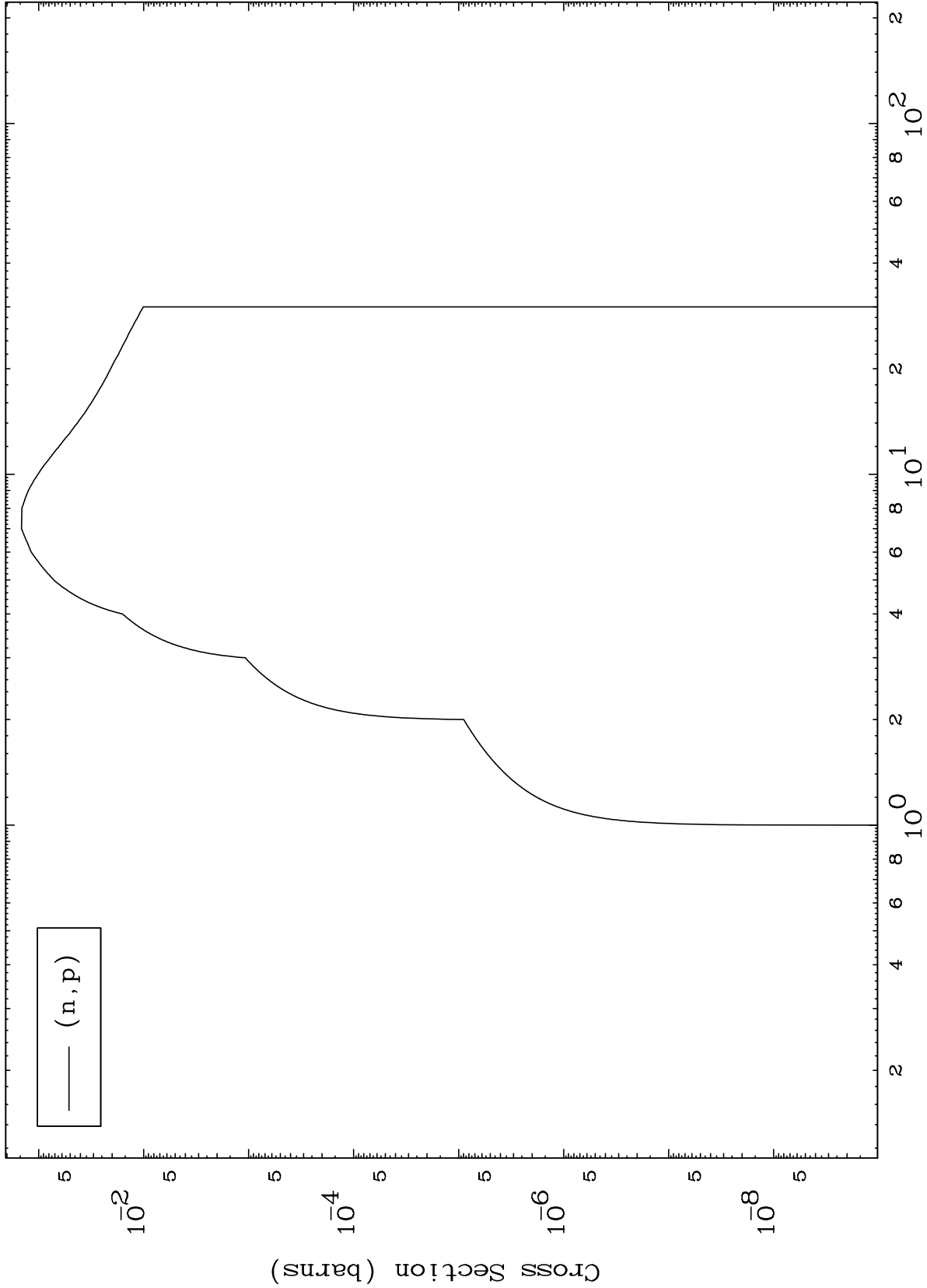




MAT 3520

$^{35}\text{Br-77m}$

(d,p) Levels  
0 Kelvin Cross Sections



(n,p)

$^{35}\text{Br-77m}$

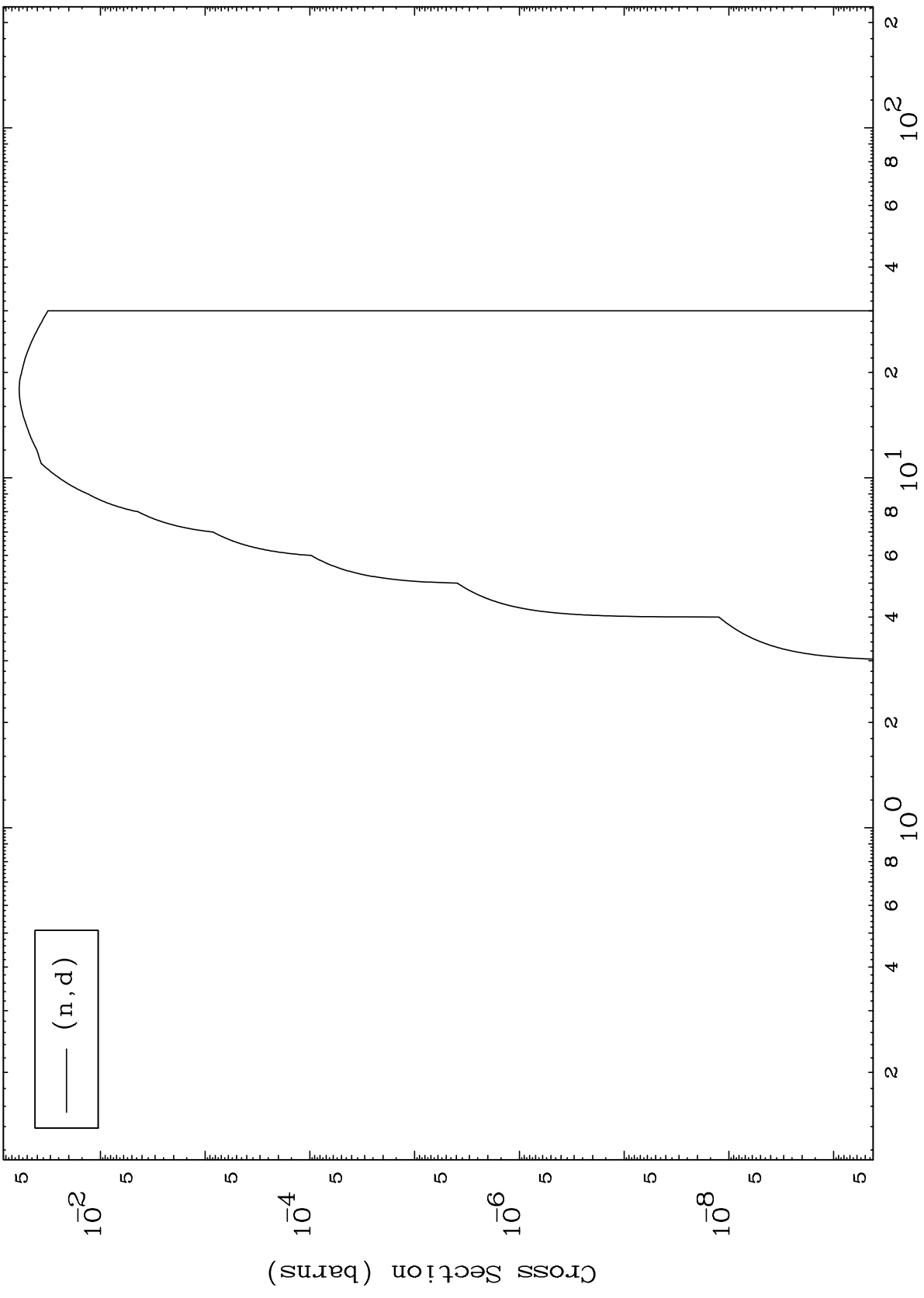
Incident Energy (MeV)

MAT 3520

(d,d) Levels

35-Br-77m

0 Kelvin Cross Sections

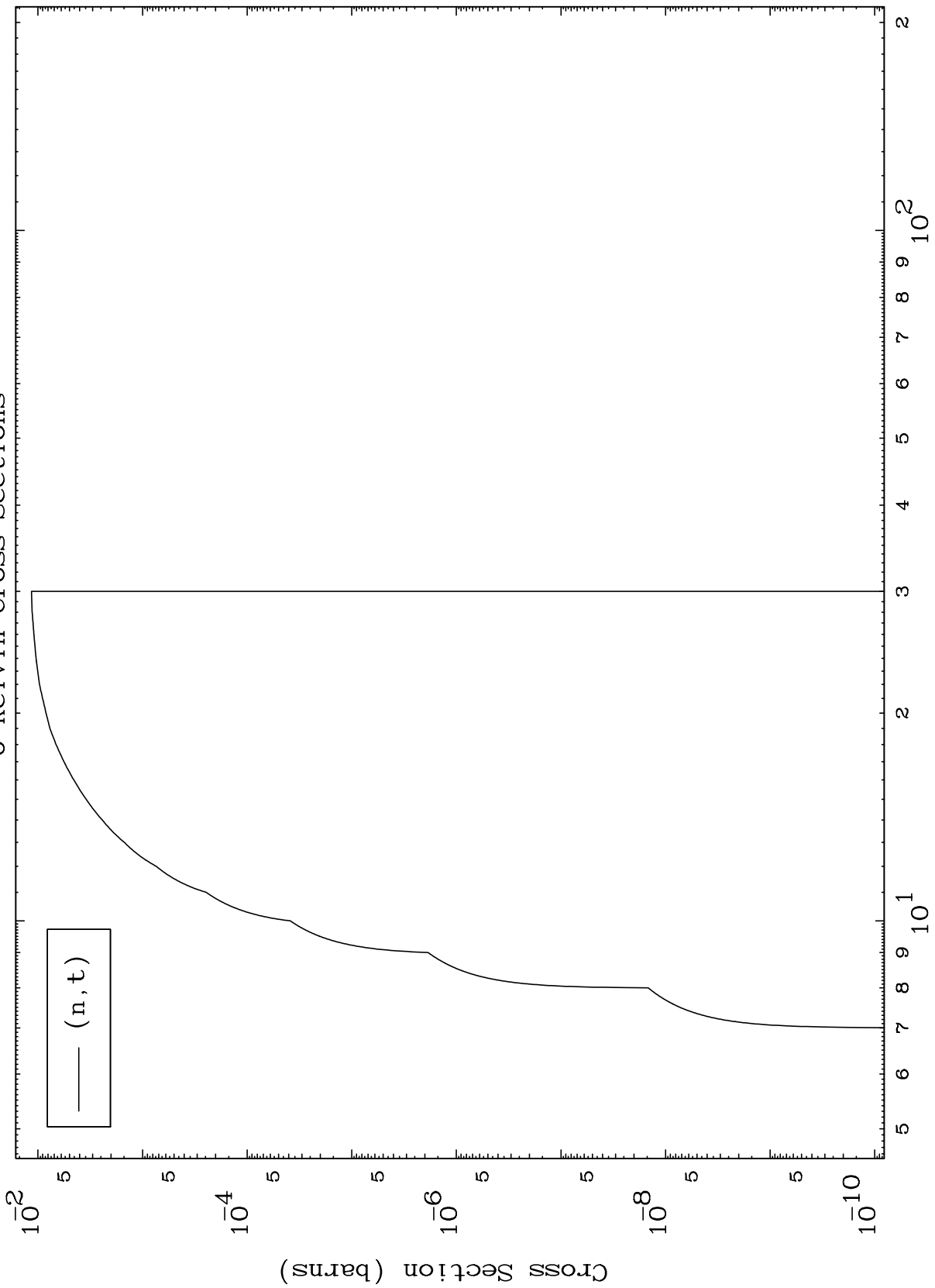


MAT 3520

(d,t) Levels

35-Br-77m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

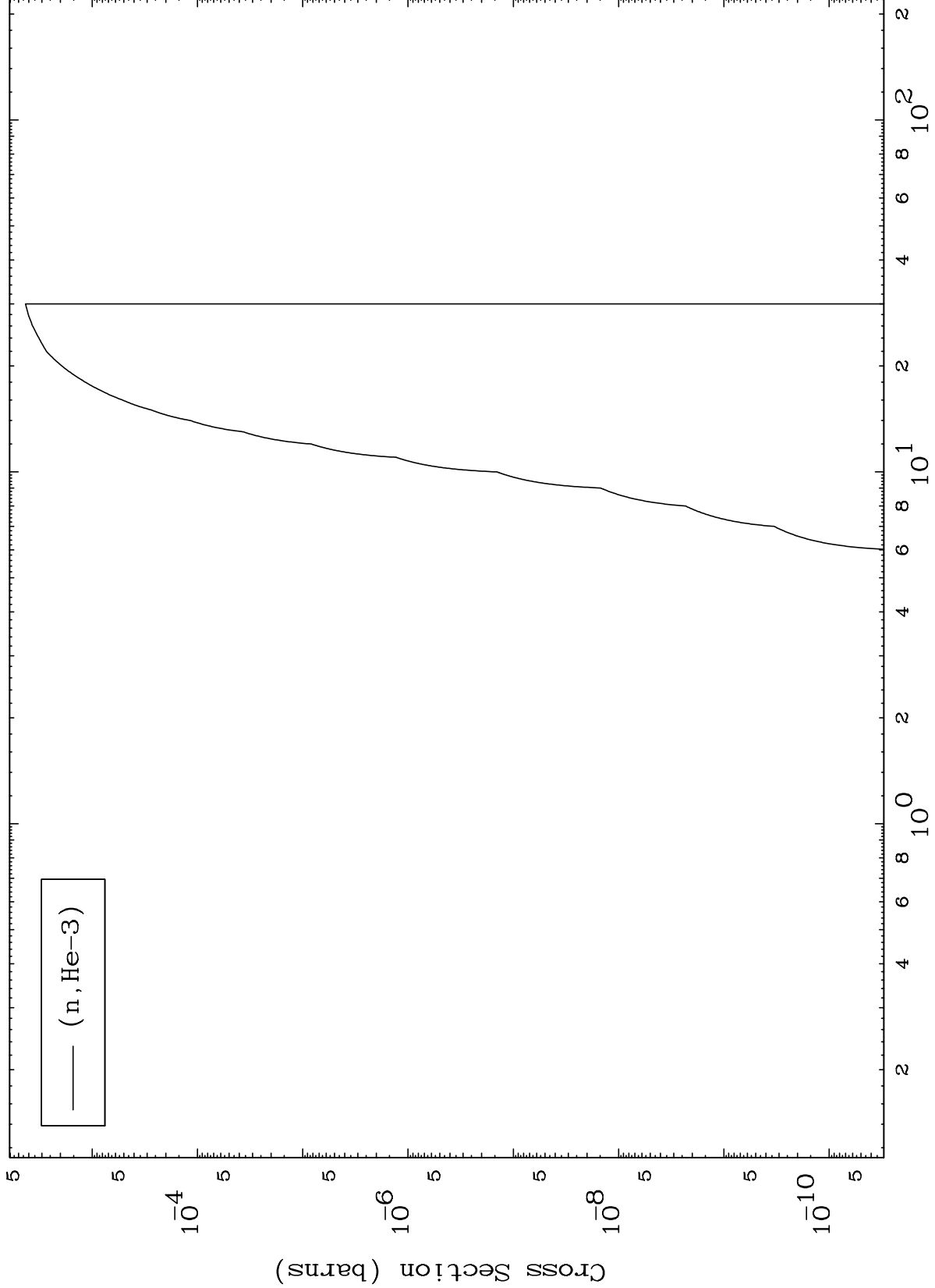
35-Br-77m

MAT 3520

(d,He3) Levels

35-Br-77m

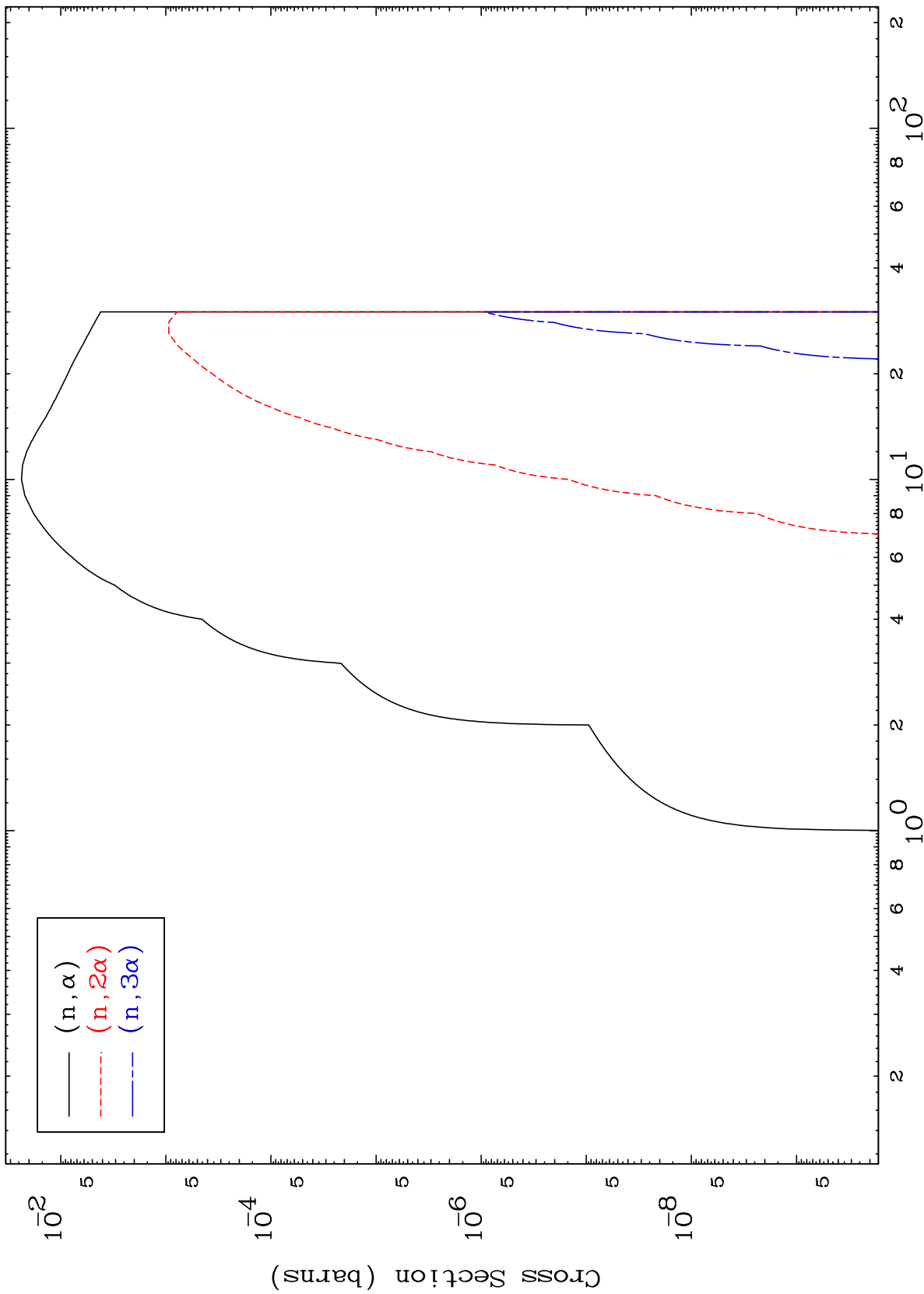
0 Kelvin Cross Sections



MAT 3520

35-Br-77m

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



35-Br-77m

Incident Energy (MeV)

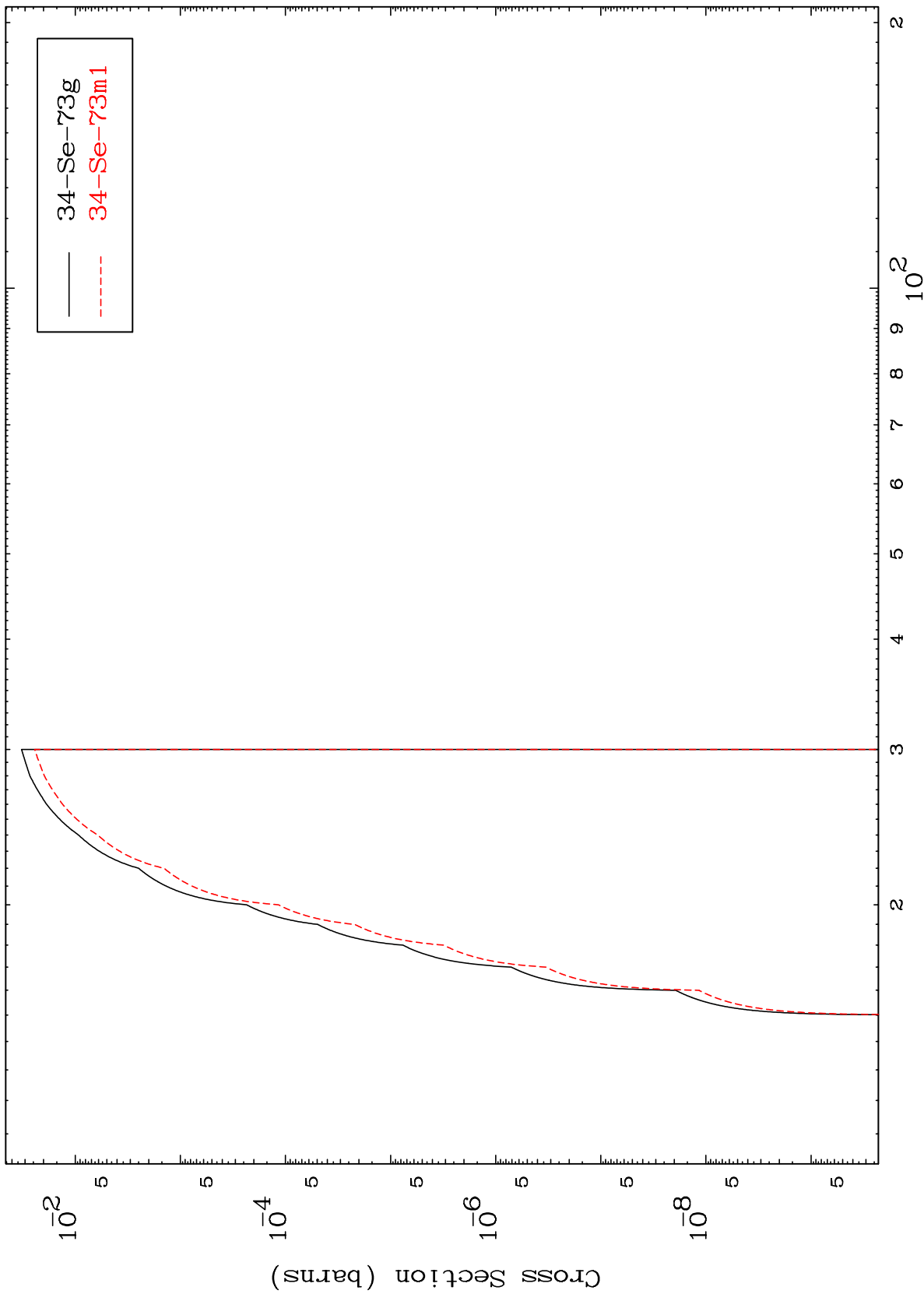
12

MAT 3520

$(n,2n) \alpha$

$^{35}\text{Br-}^{77}\text{m}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

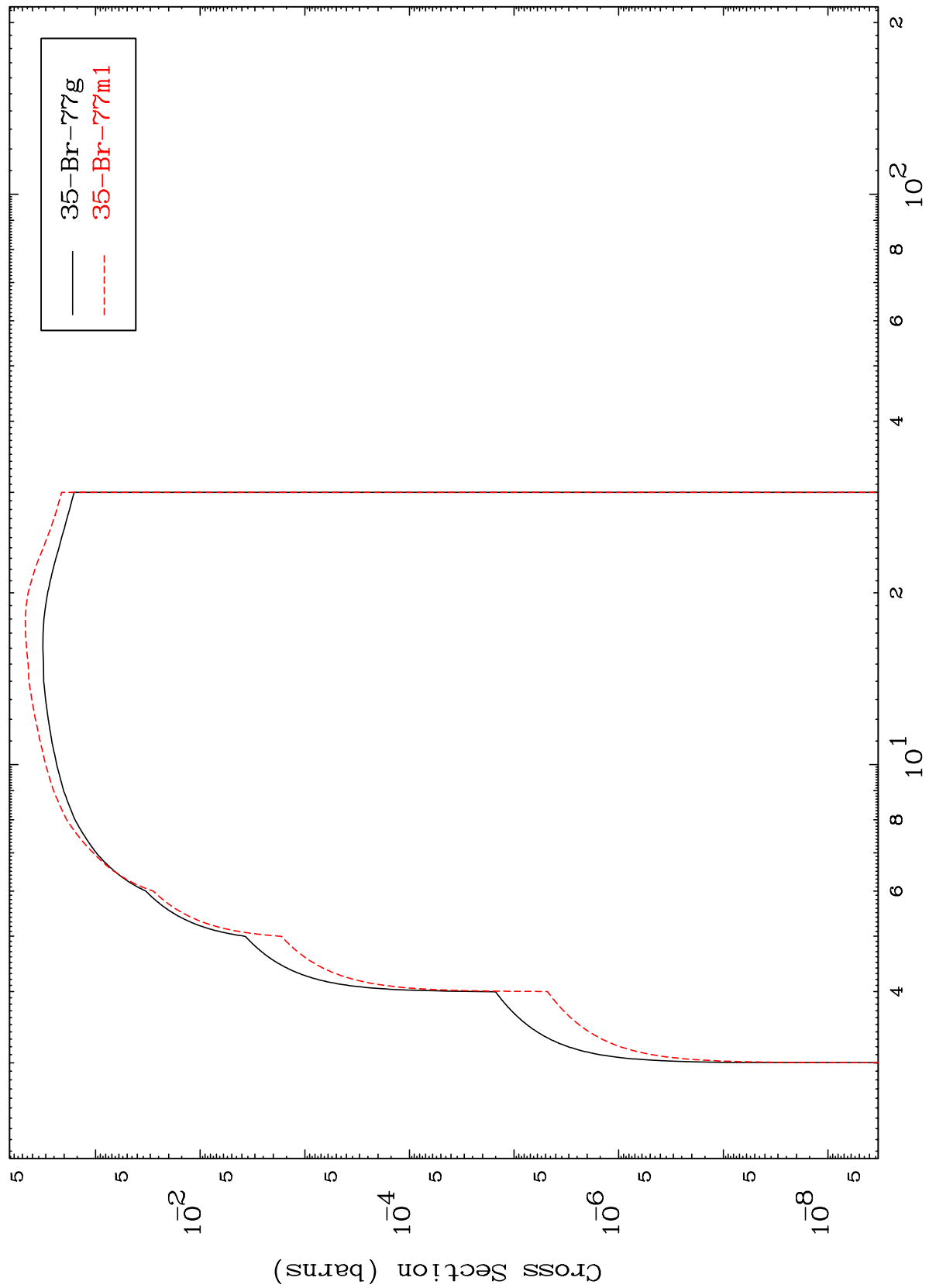
$^{35}\text{Br-}^{77}\text{m}$

MAT 3520

(n,n') p

35-Br-77m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

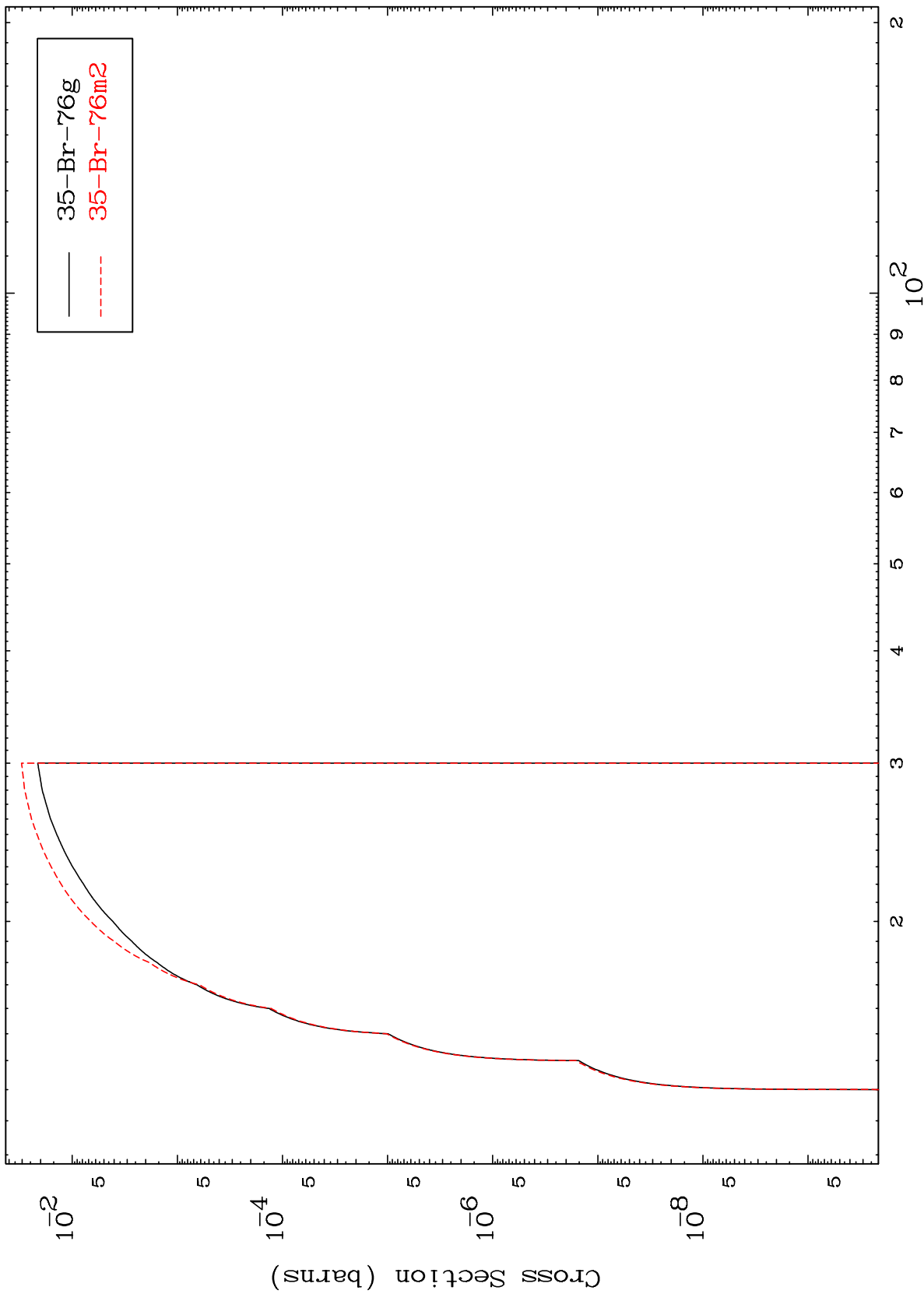
35-Br-77m

MAT 3520

(n,n') d

35-Br-77m

Radionuclide Production Cross Section



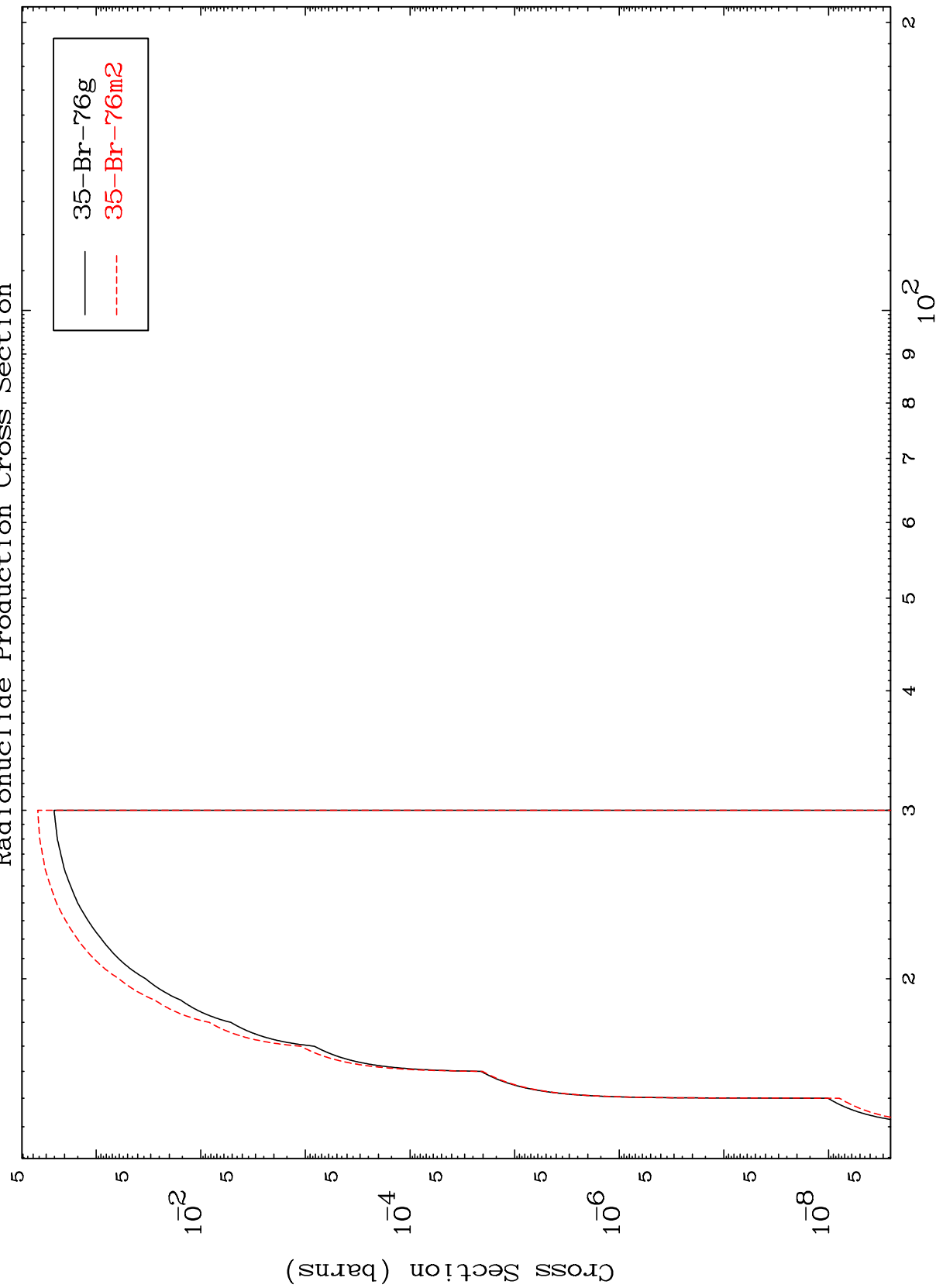
15

Incident Energy (MeV)

35-Br-77m



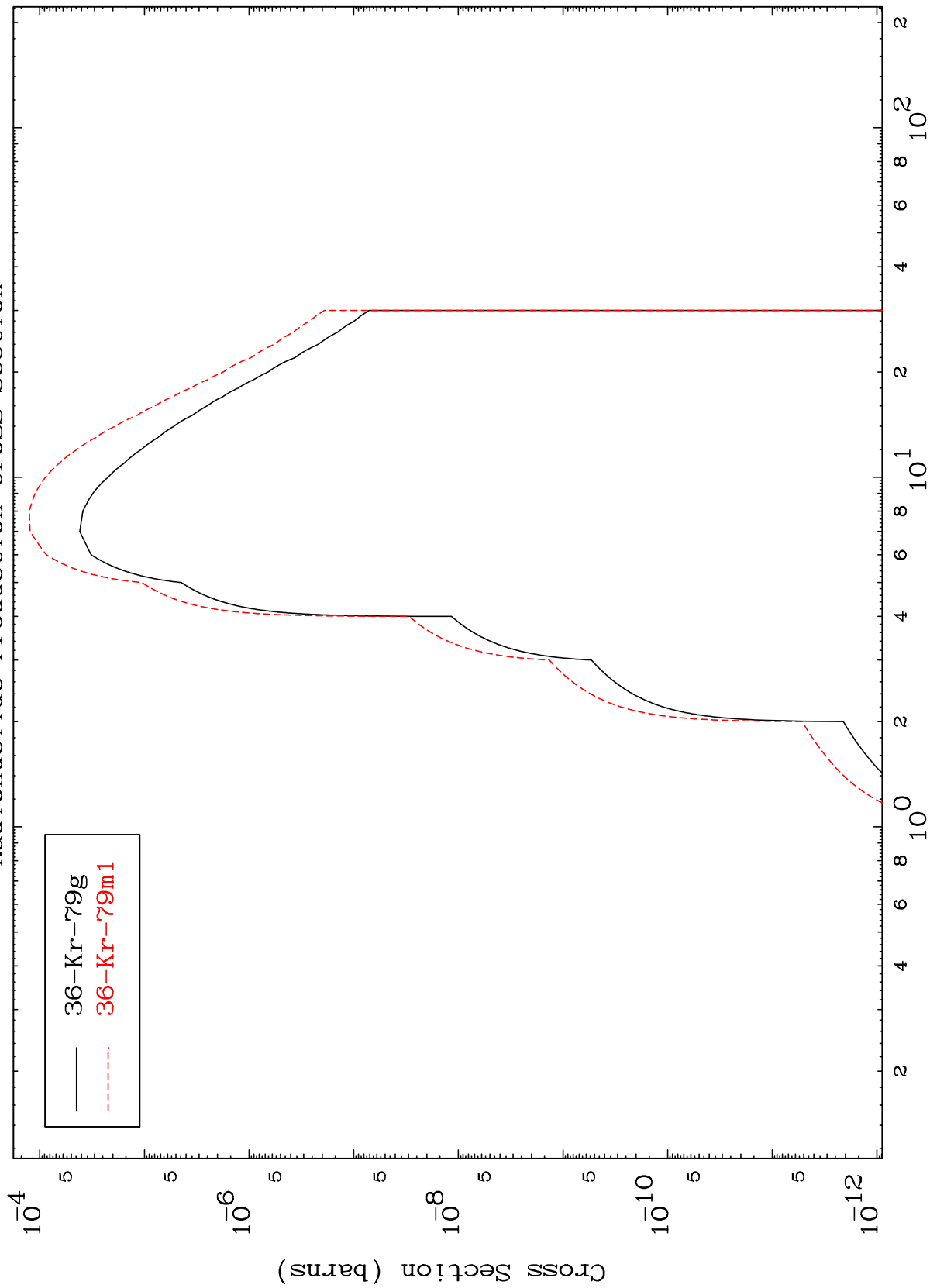
Radionuclide Production Cross Section



MAT 3520

<sup>35</sup>Br-77m

(n,γ)  
Radionuclide Production Cross Section



— 36-Kr-79g  
- - - 36-Kr-79m1

<sup>35</sup>Br-77m

Incident Energy (MeV)

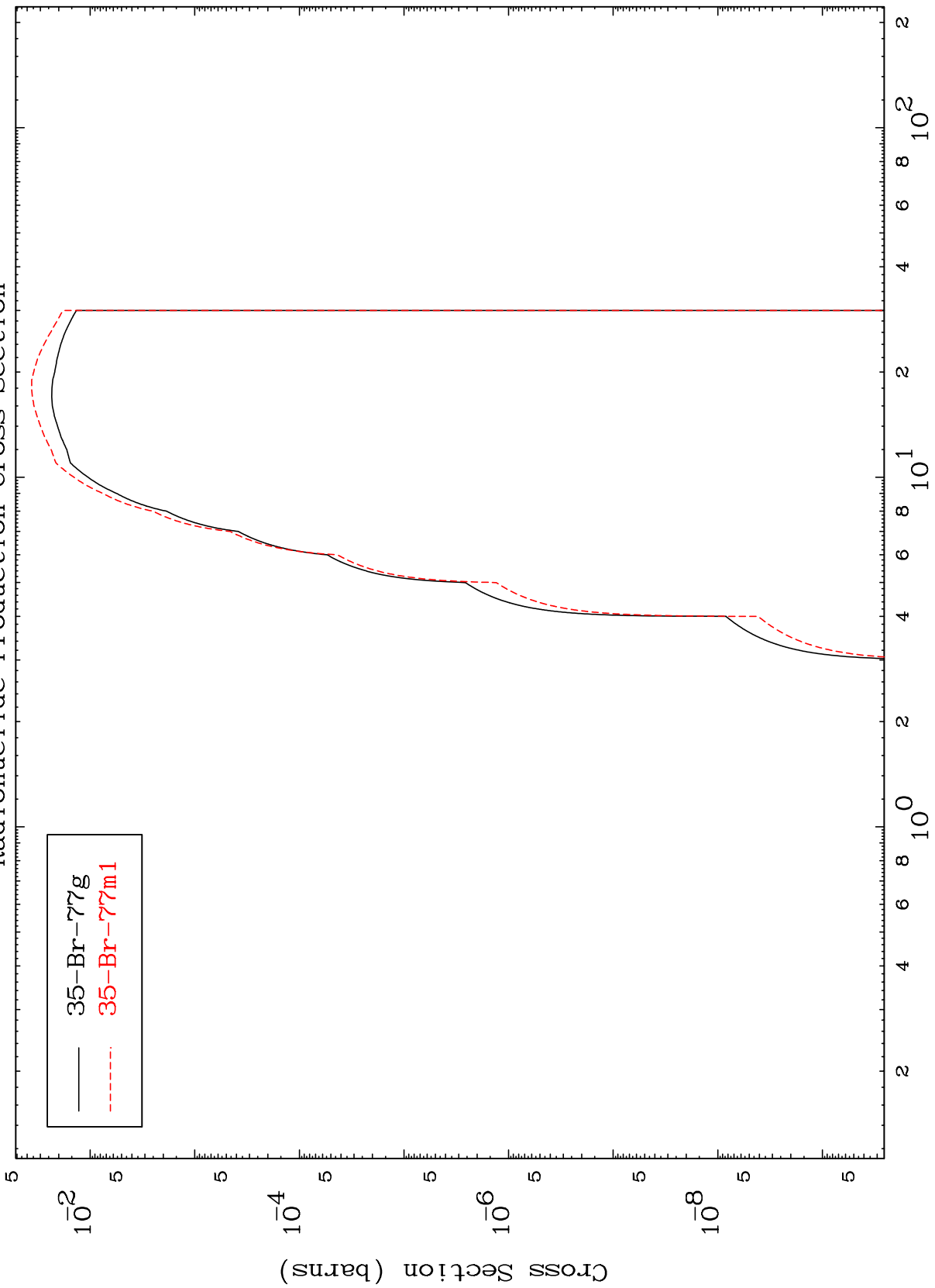
17

MAT 3520

(n, d)

<sup>35</sup>Br-<sup>77</sup>m

Radionuclide Production Cross Section



— 35-Br-77g  
- - - 35-Br-77m1

Incident Energy (MeV)

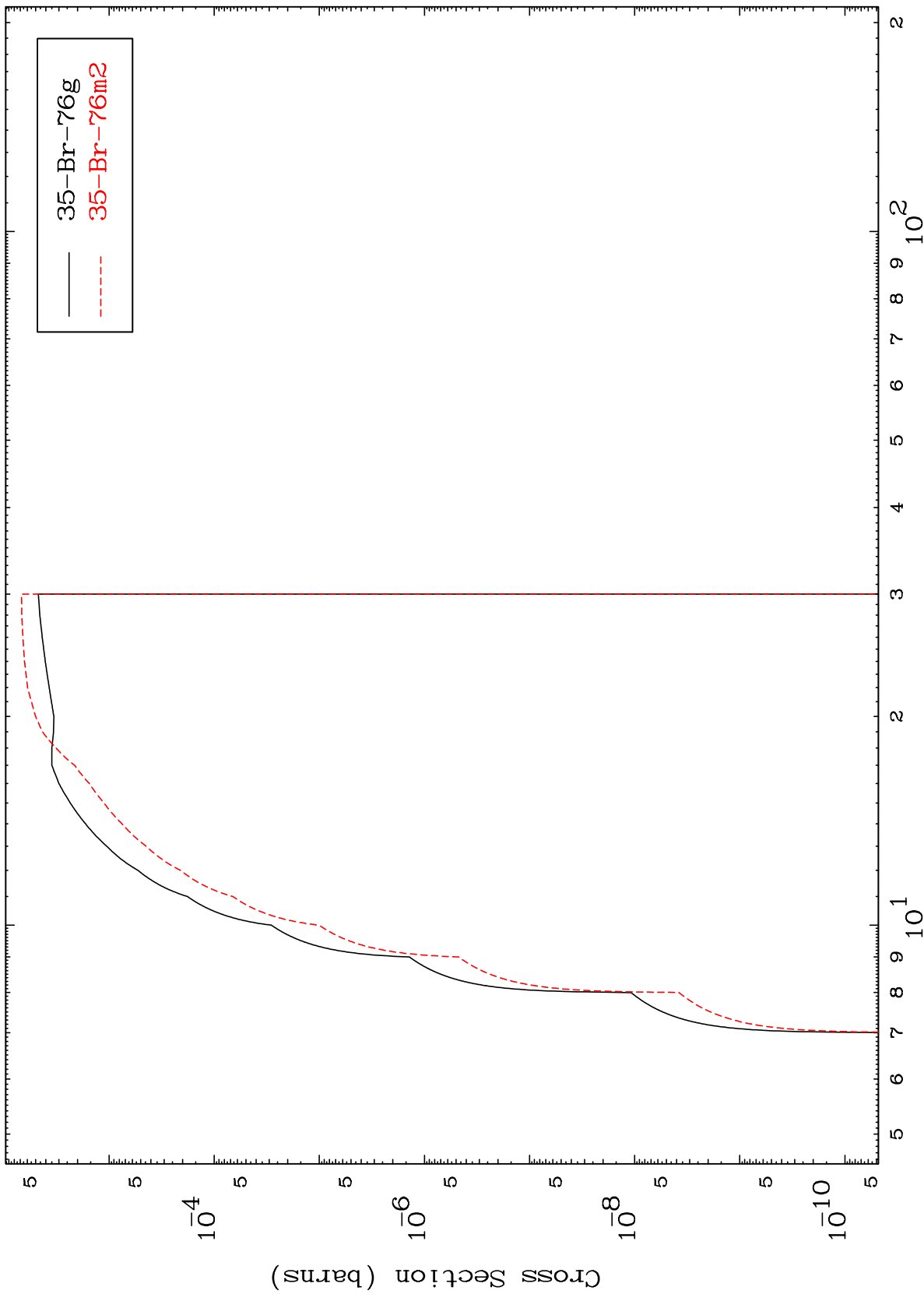
<sup>35</sup>Br-<sup>77</sup>m

18

MAT 3520

35-Br-77m

(n, t)  
Radionuclide Production Cross Section



19

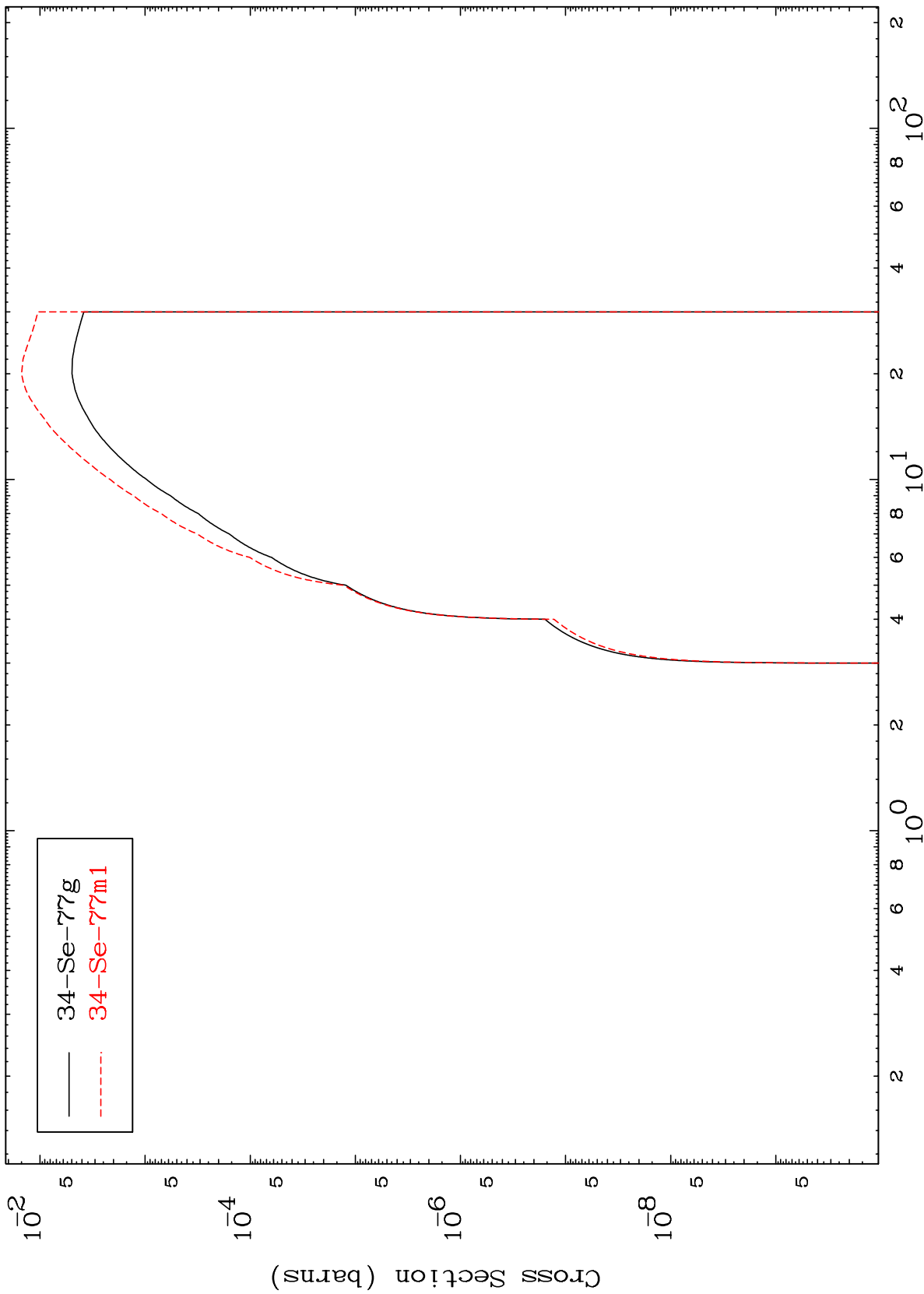
Incident Energy (MeV)

35-Br-77m

MAT 3520

35-Br-77m

(n,2p)  
Radionuclide Production Cross Section



20

35-Br-77m