

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

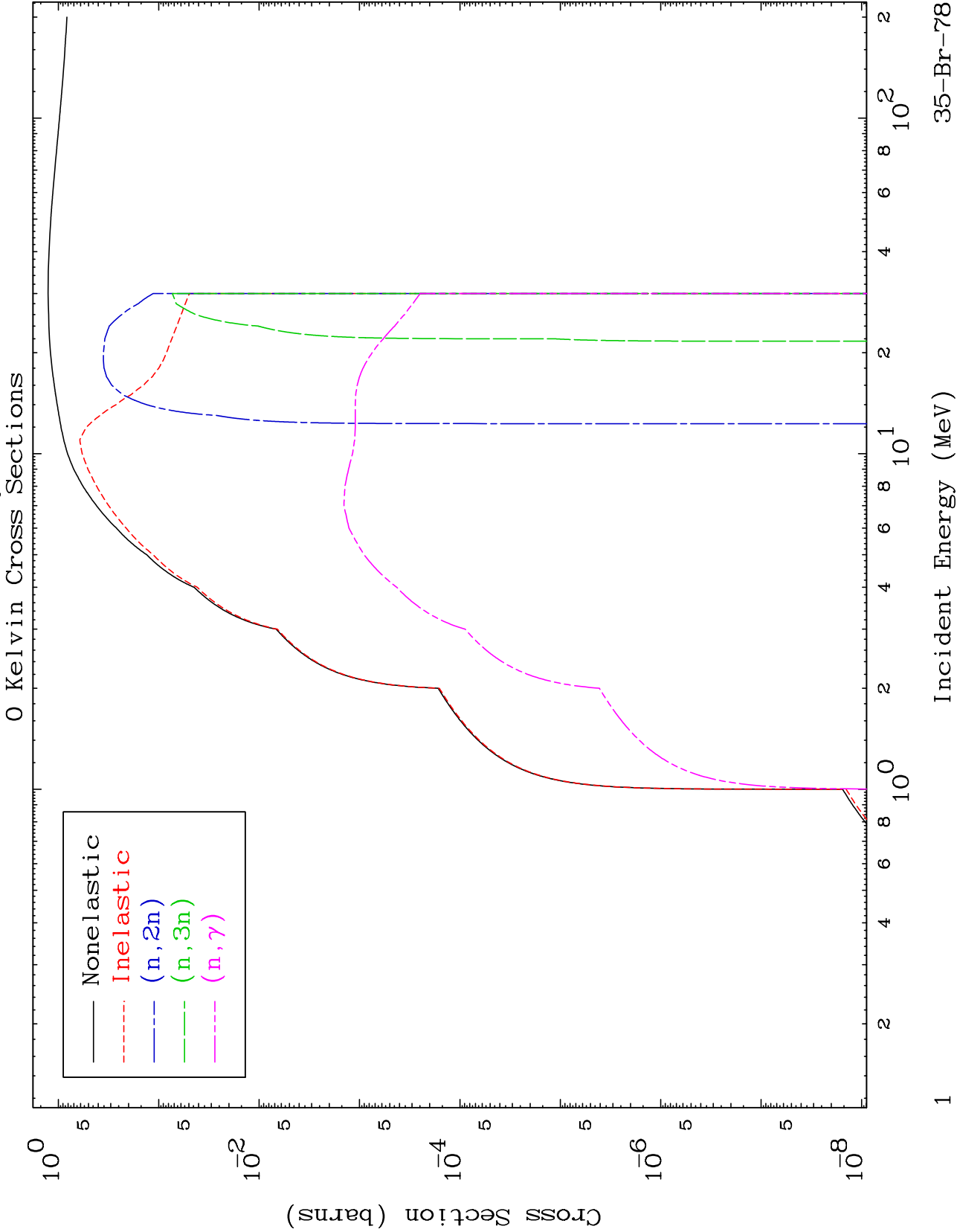
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Tele: 925-443-1911

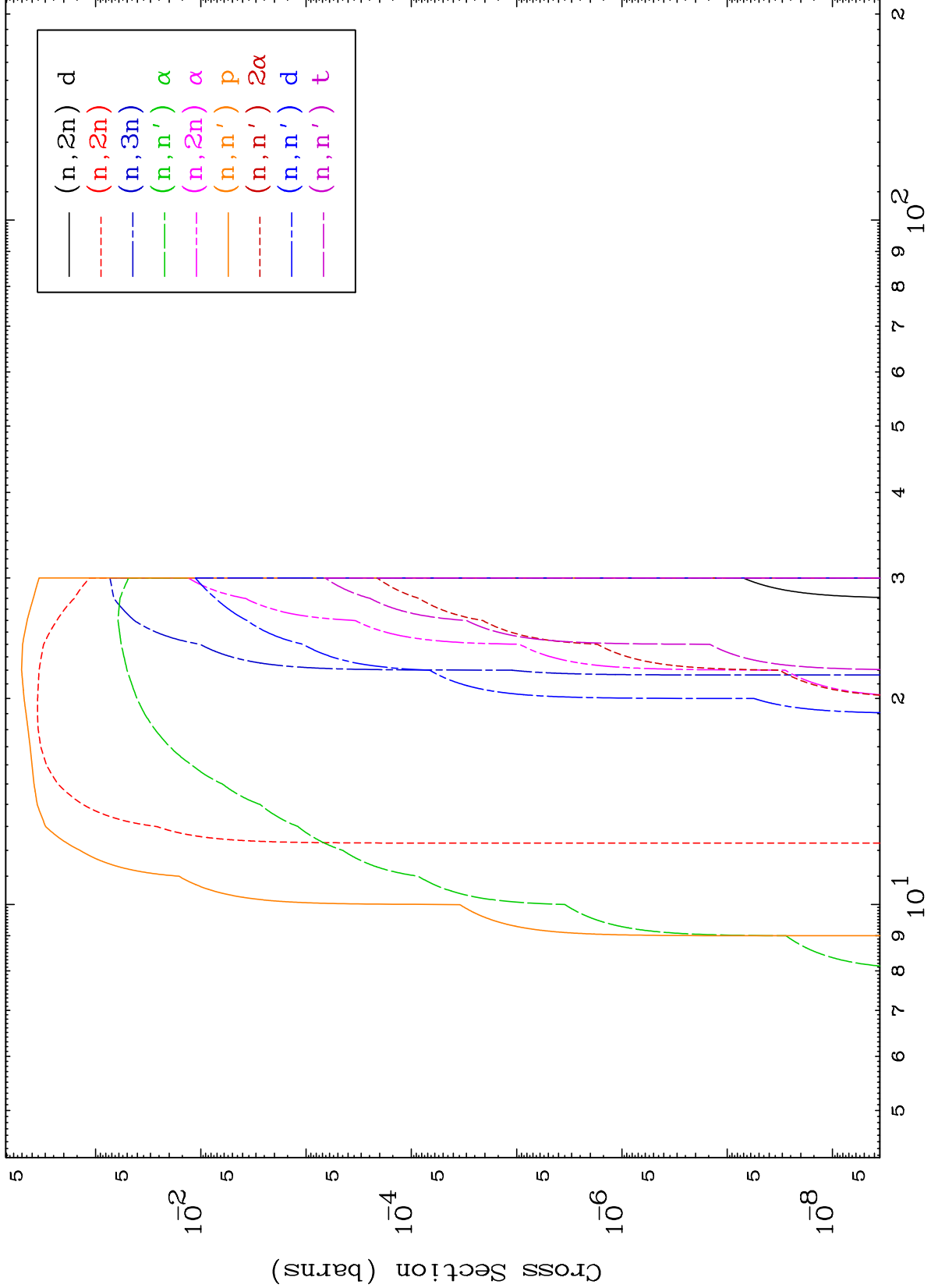
E.Mail:redcullen1@comcast.net

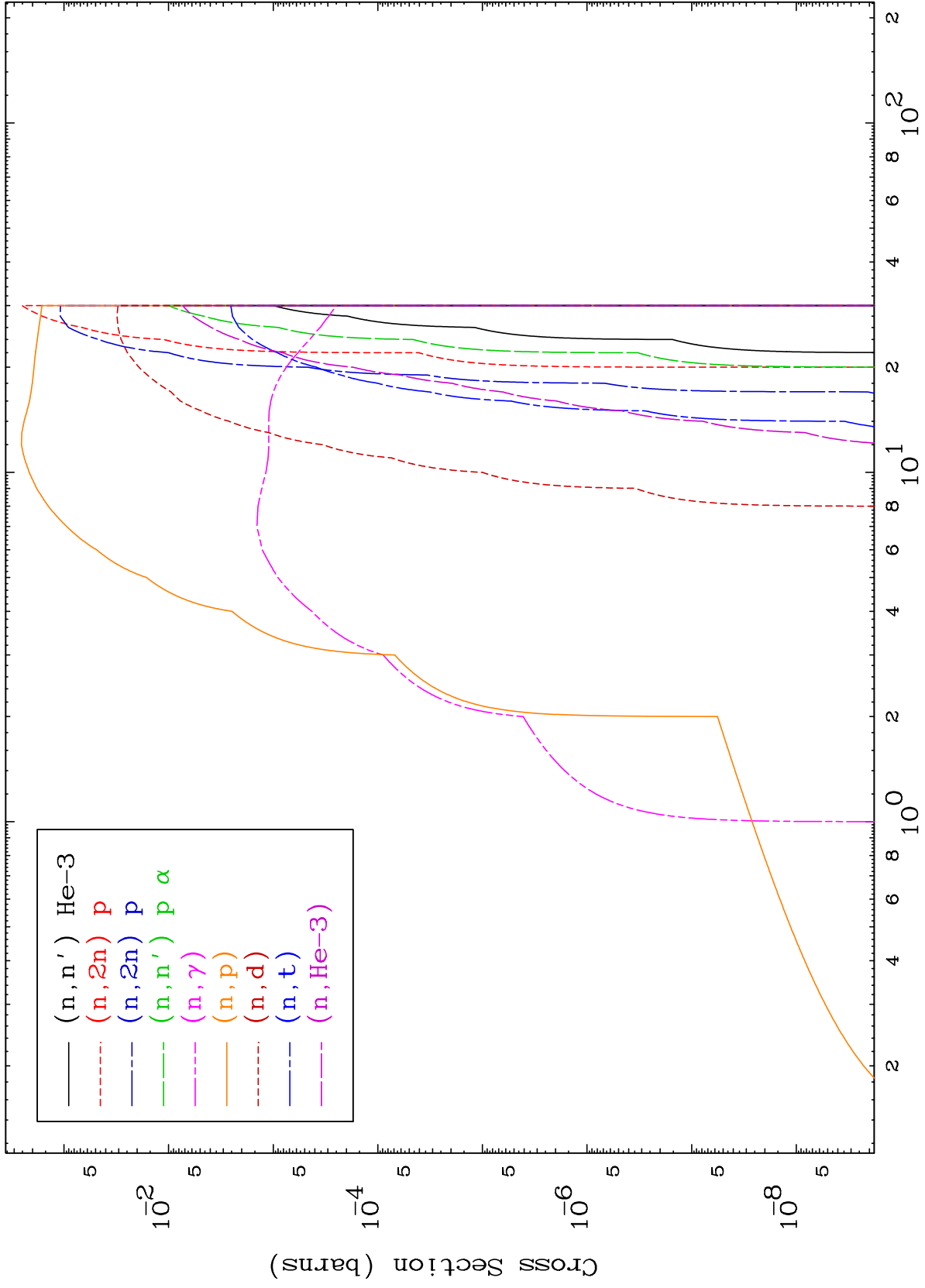
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

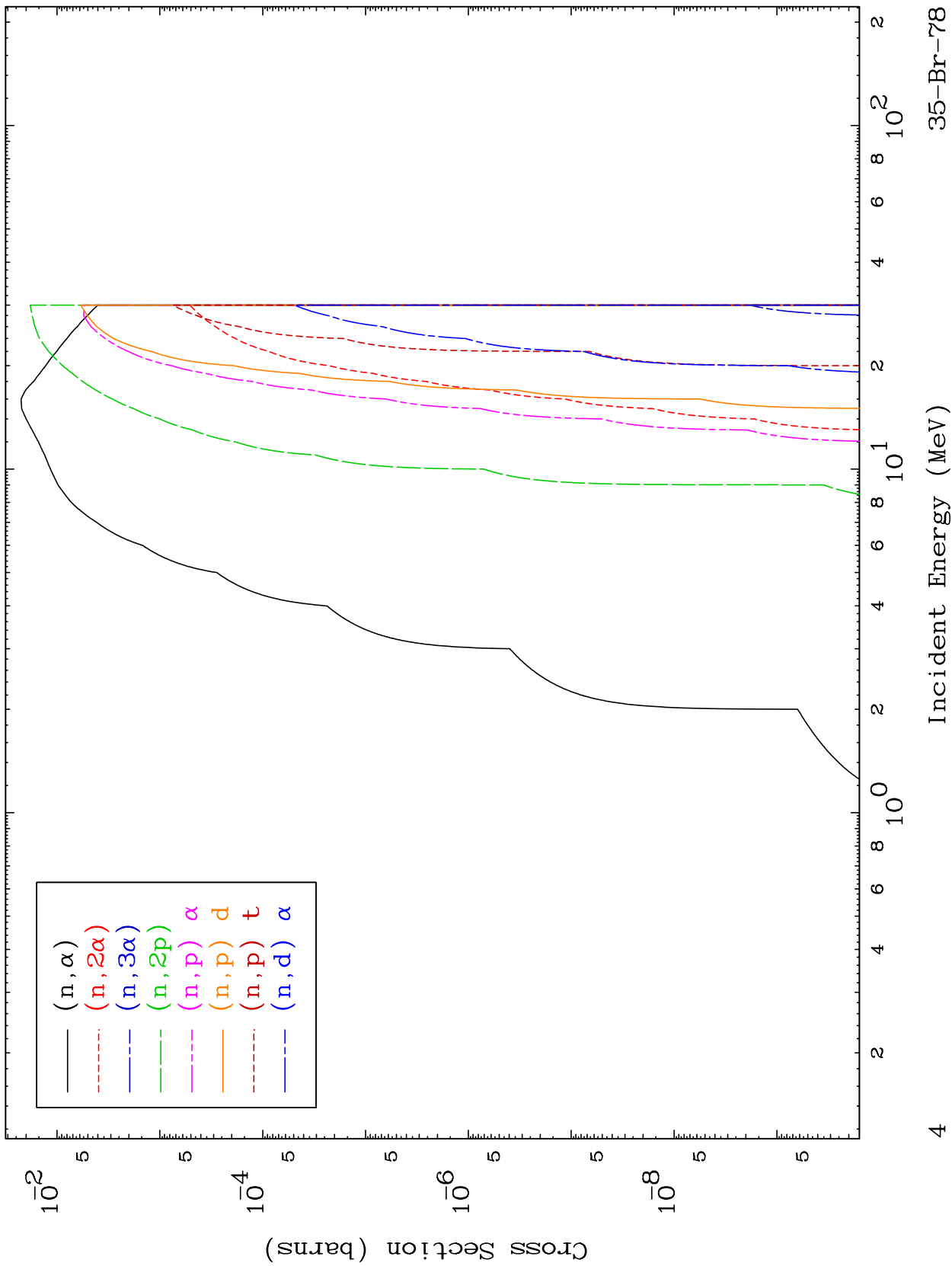


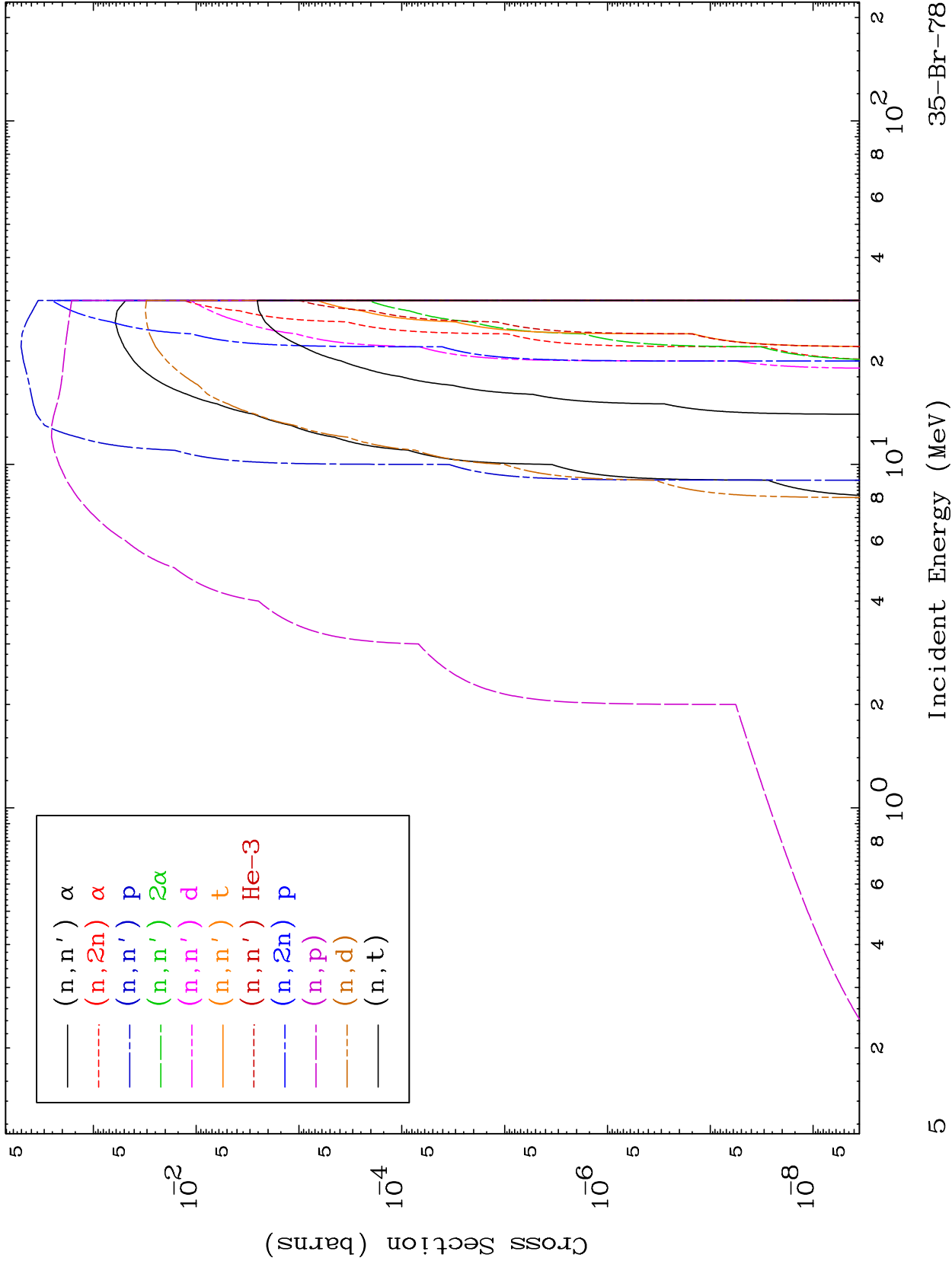
Proton Neutron Absorption  
0 Kelvin Cross Sections

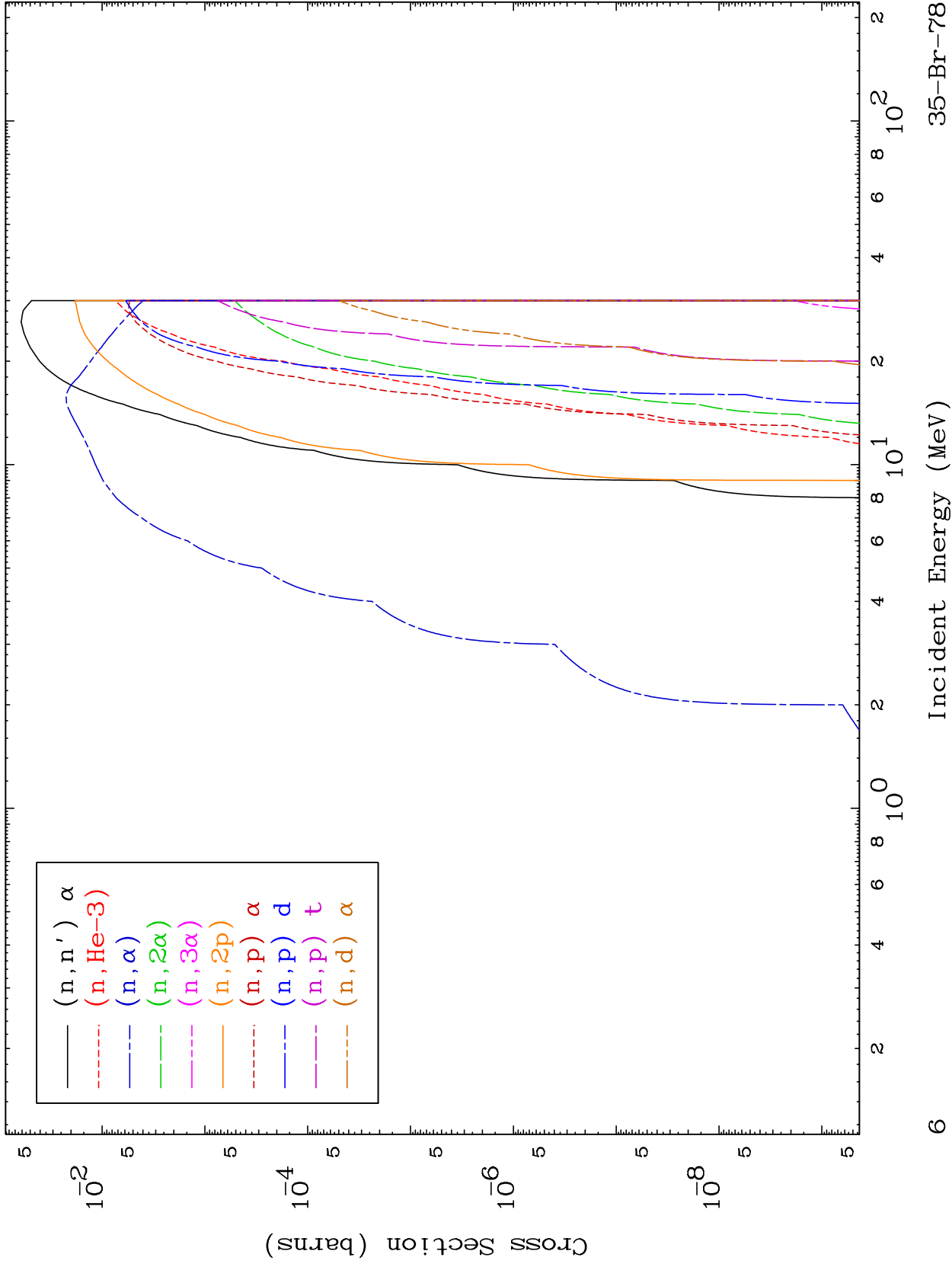




Proton Neutron Absorption  
0 Kelvin Cross Sections



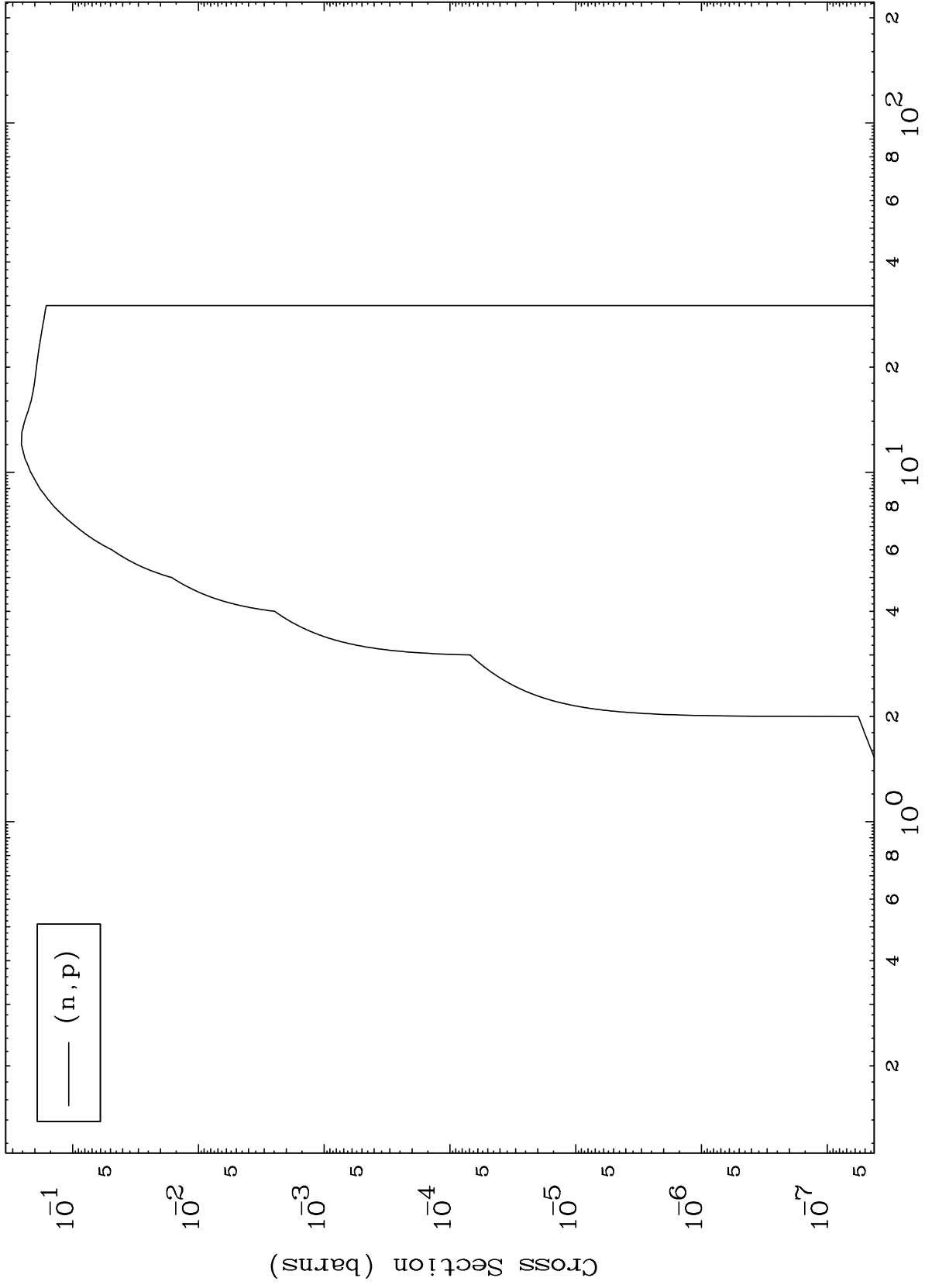




MAT 3522

(p,p) Levels  
0 Kelvin Cross Sections

<sup>35</sup>Br-78

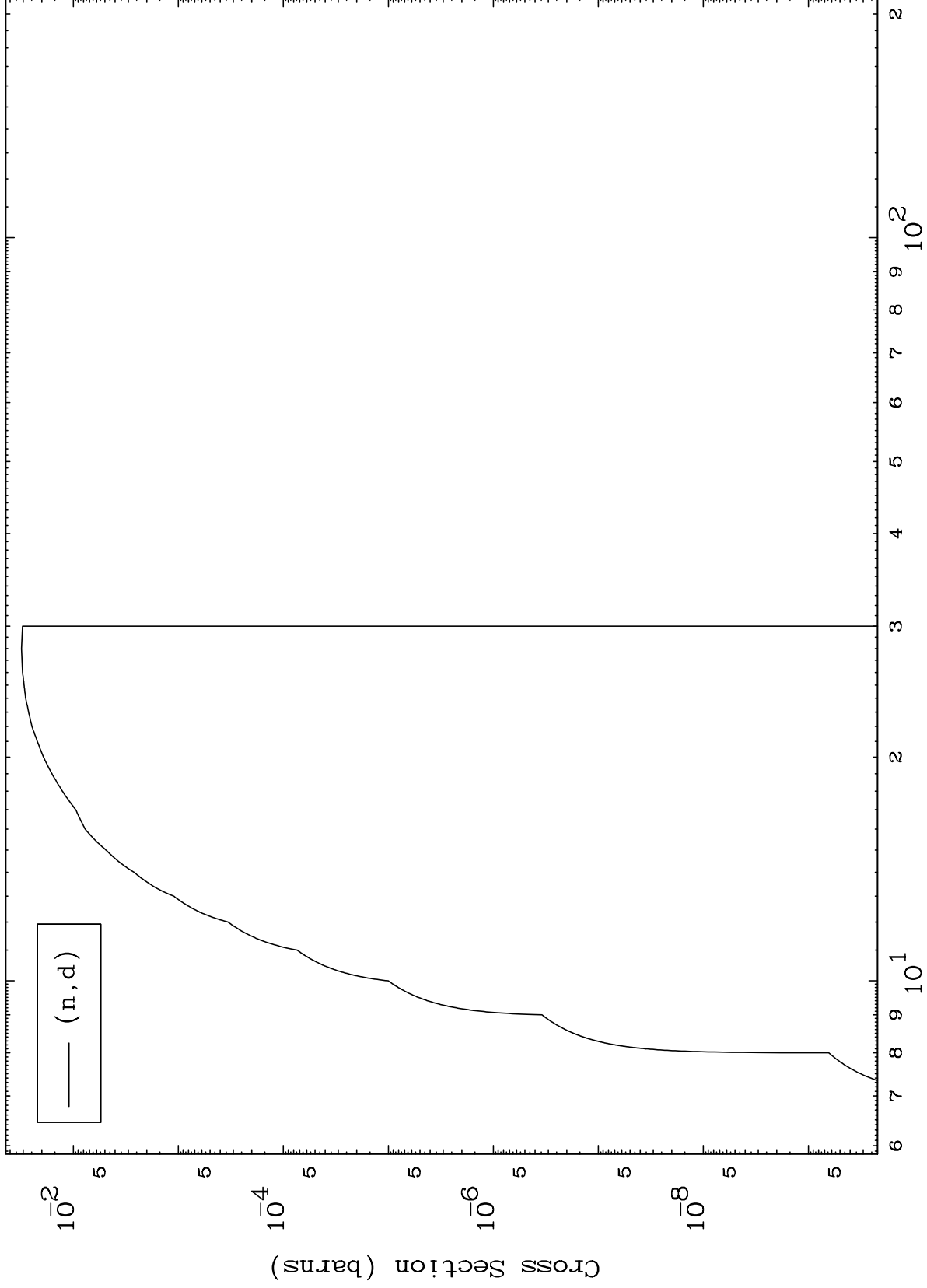




MAT 35222

(p,d) Levels  
0 Kelvin Cross Sections

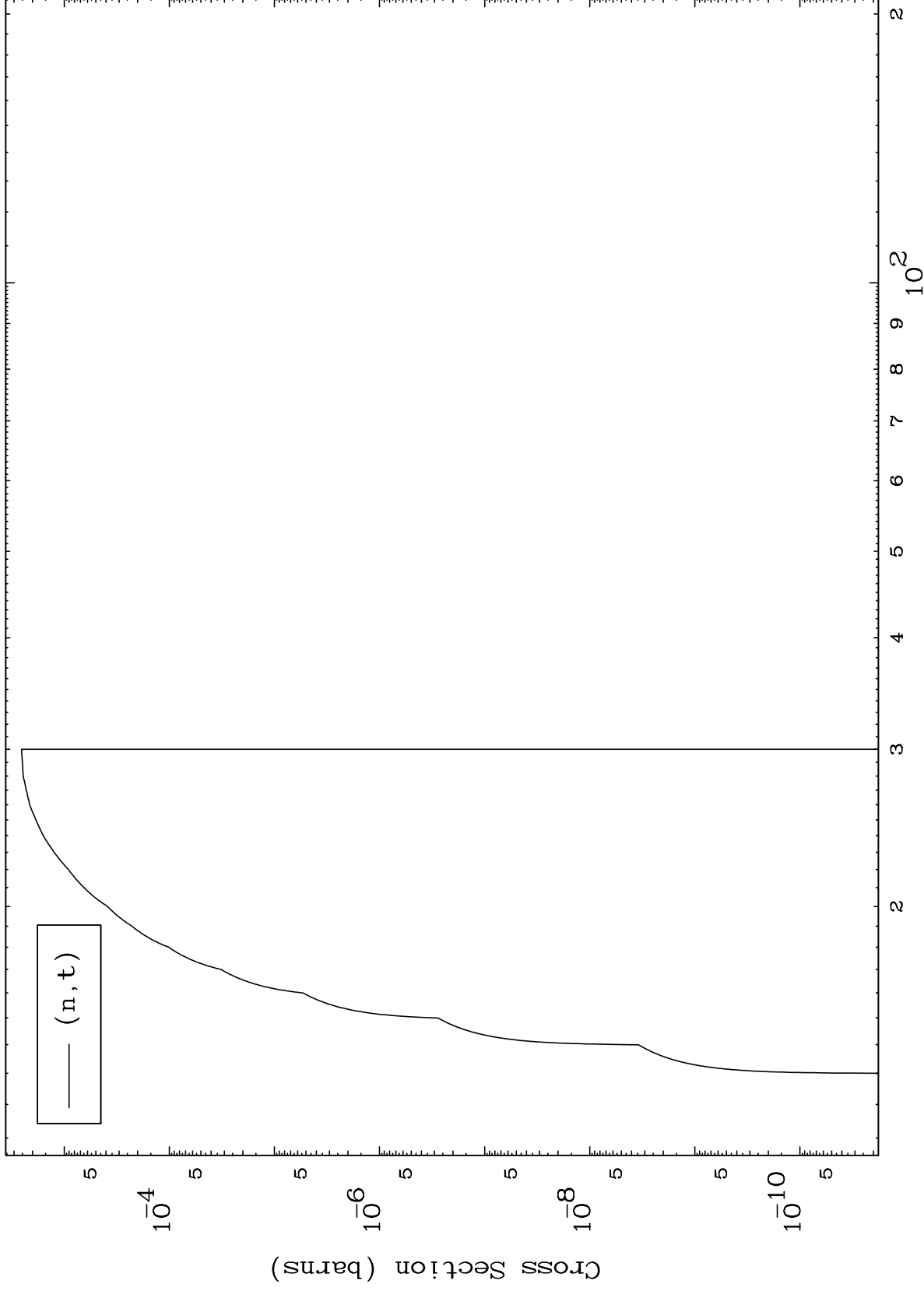
35-Br-78



8

Incident Energy (MeV)

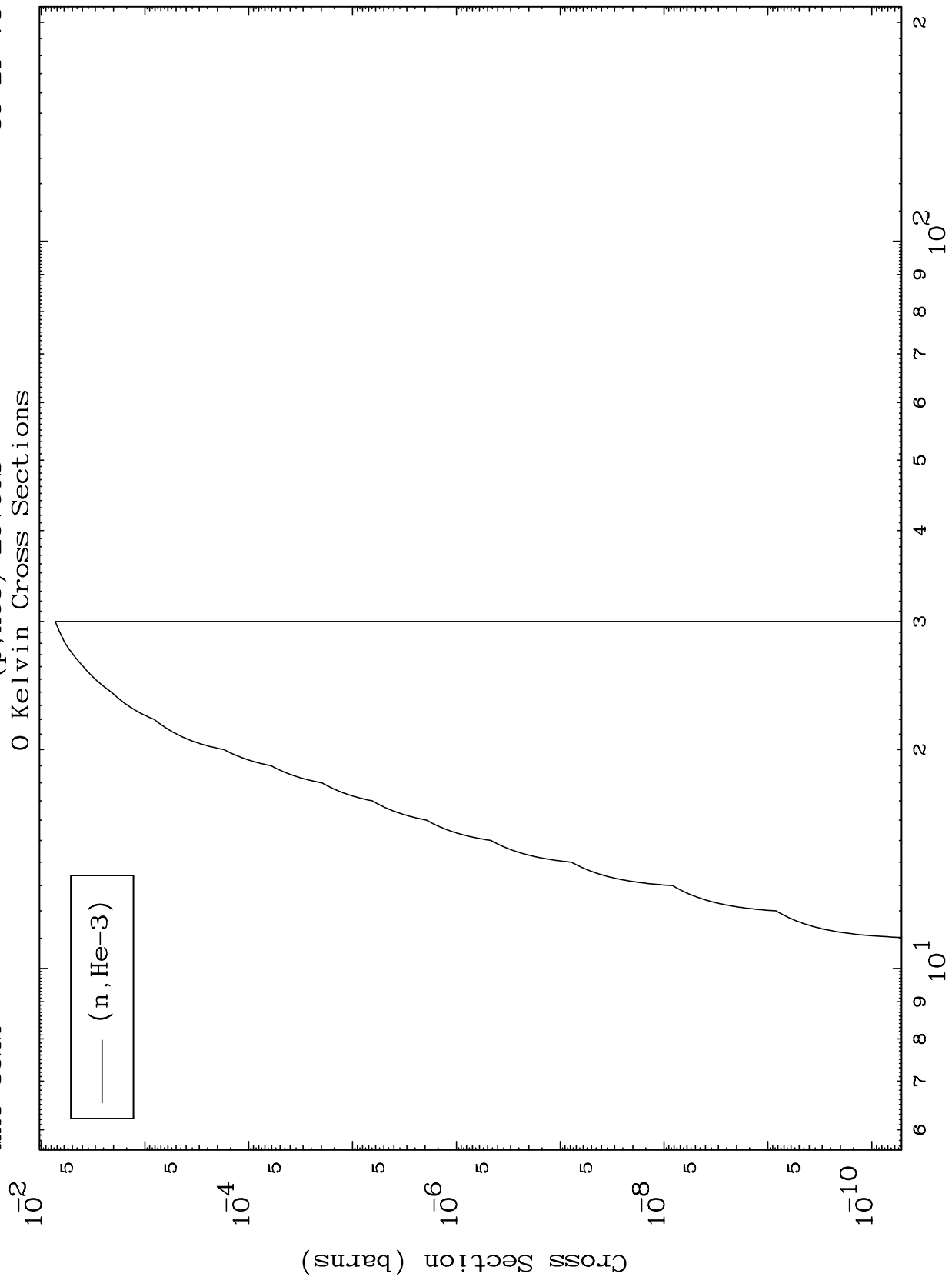
35-Br-78



MAT 3522

(p,He3) Levels  
0 Kelvin Cross Sections

35-Br-78



10

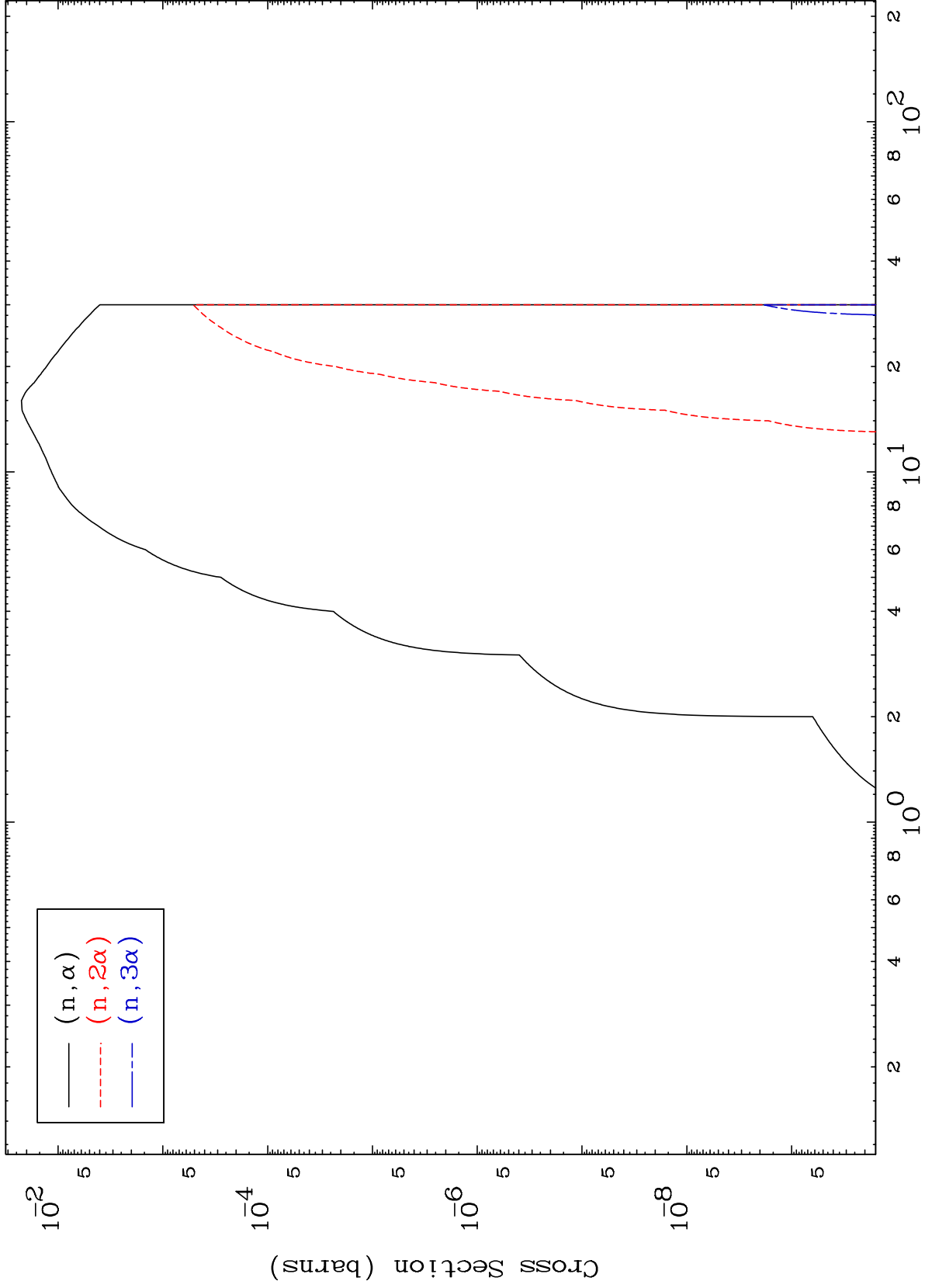
Incident Energy (MeV)

35-Br-78

MAT 3522

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

<sup>35</sup>Br-78

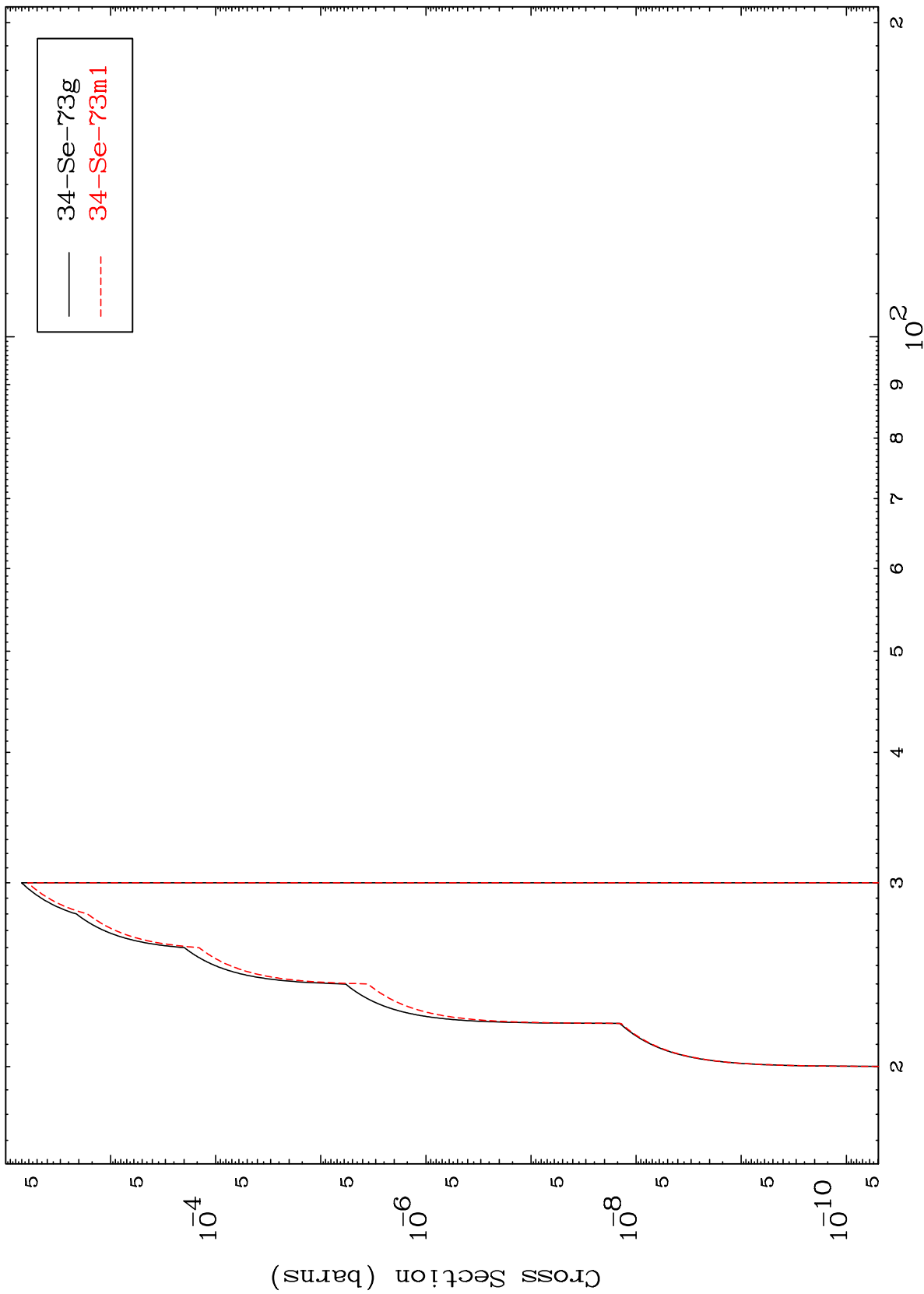


MAT 3522

(n,2n)  $\alpha$

35-Br-78

Radionuclide Production Cross Section



12

Incident Energy (MeV)

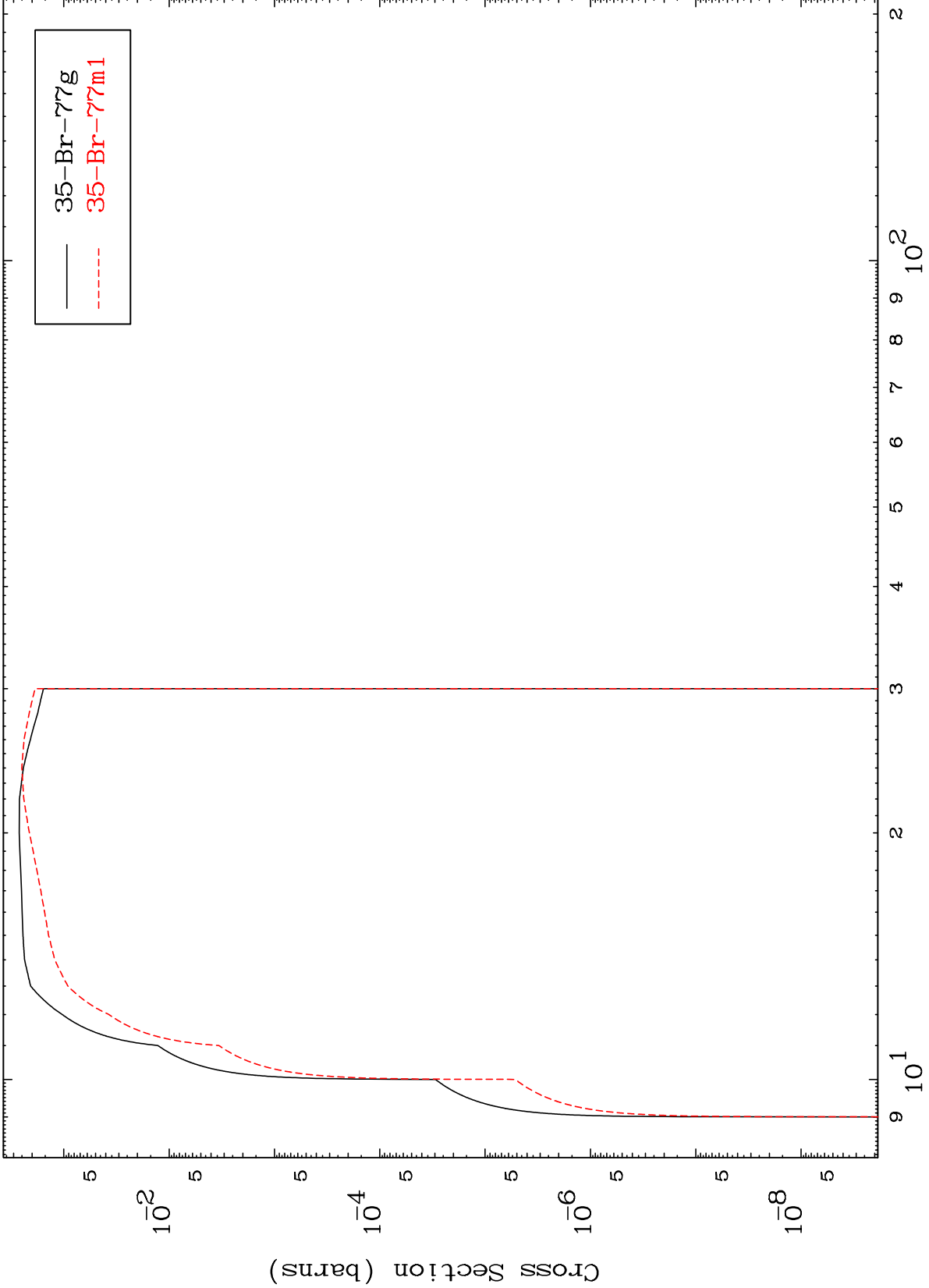
35-Br-78

MAT 3522

(n,n') p

35-Br-78

Radionuclide Production Cross Section

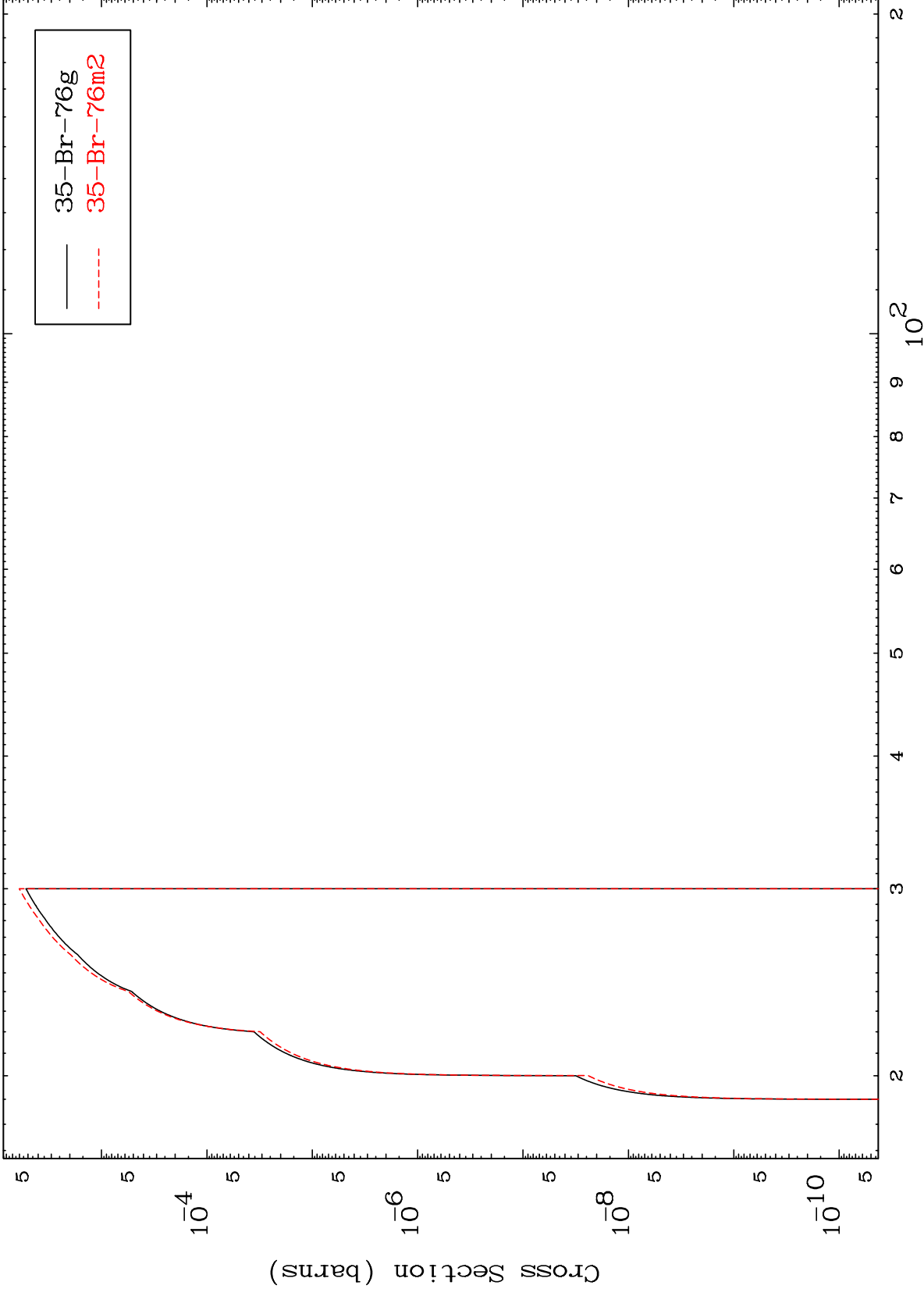


13

Incident Energy (MeV)

35-Br-78

Radionuclide Production Cross Section

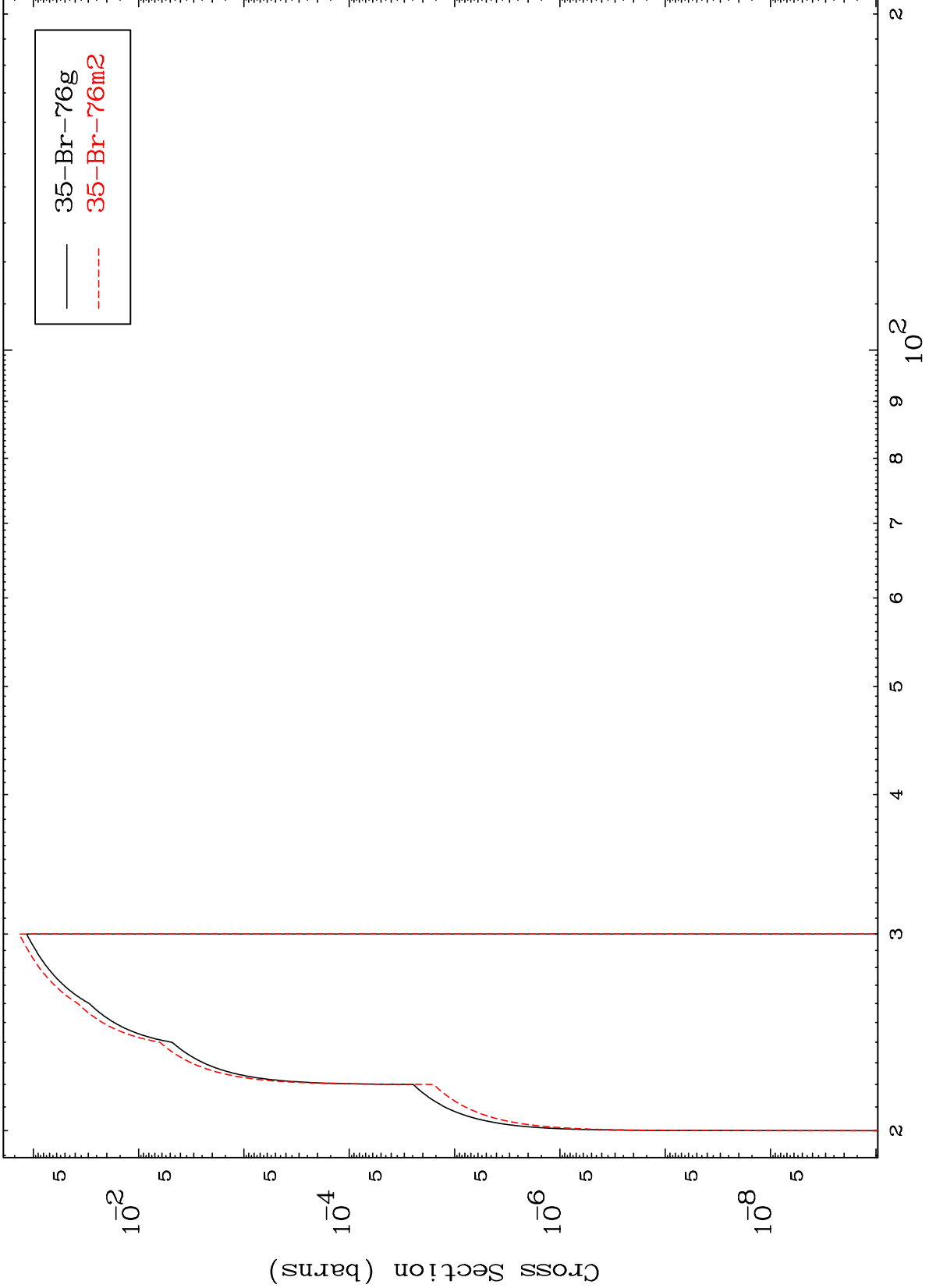


MAT 3522

$(n,2n)$  p

$^{35}\text{Br-78}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

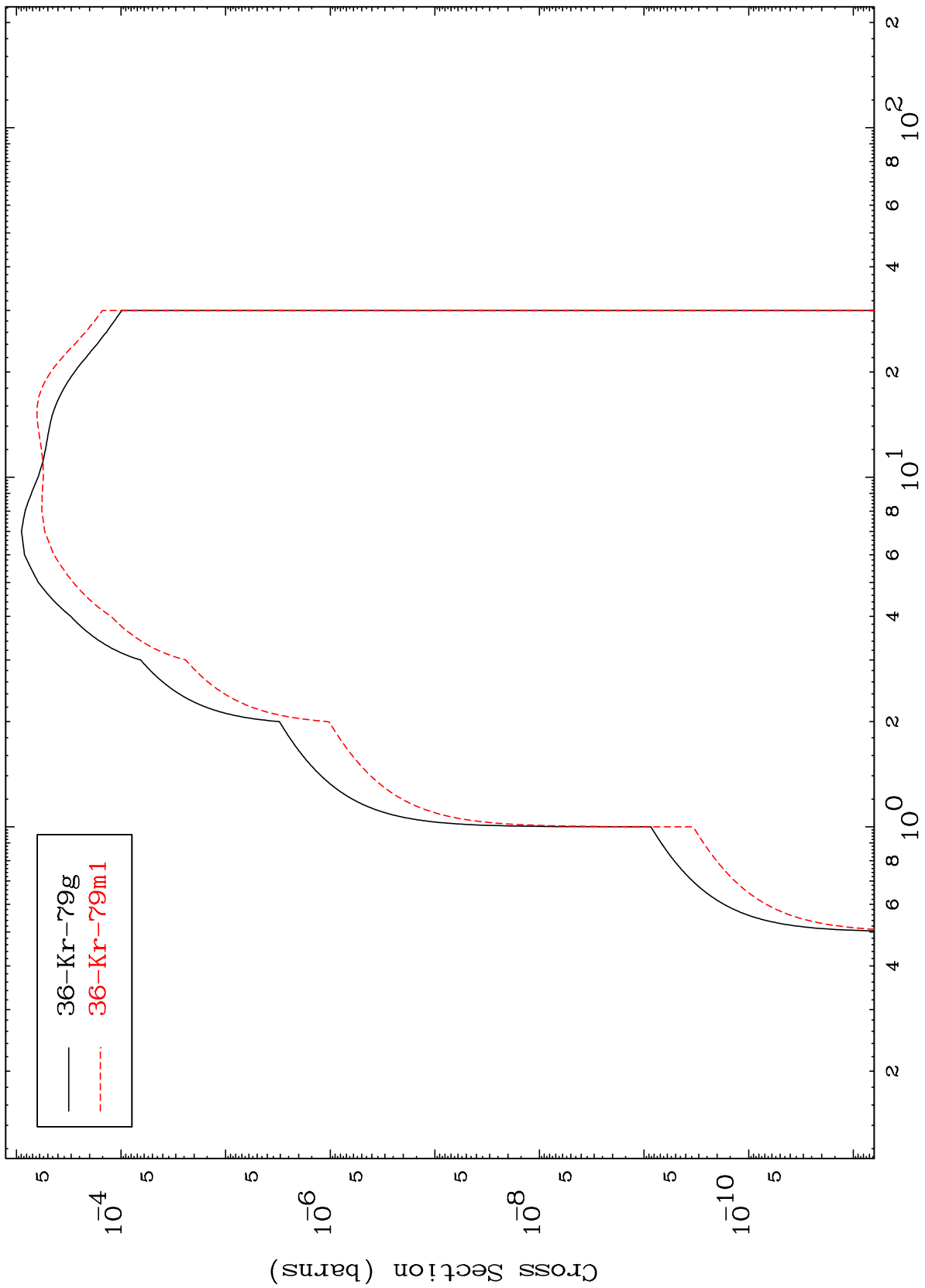
$^{35}\text{Br-78}$



MAT 3522

<sup>35</sup>Br-78

(n,γ)  
Radionuclide Production Cross Section



— 36-Kr-79g  
- - - 36-Kr-79m1

16

Incident Energy (MeV)

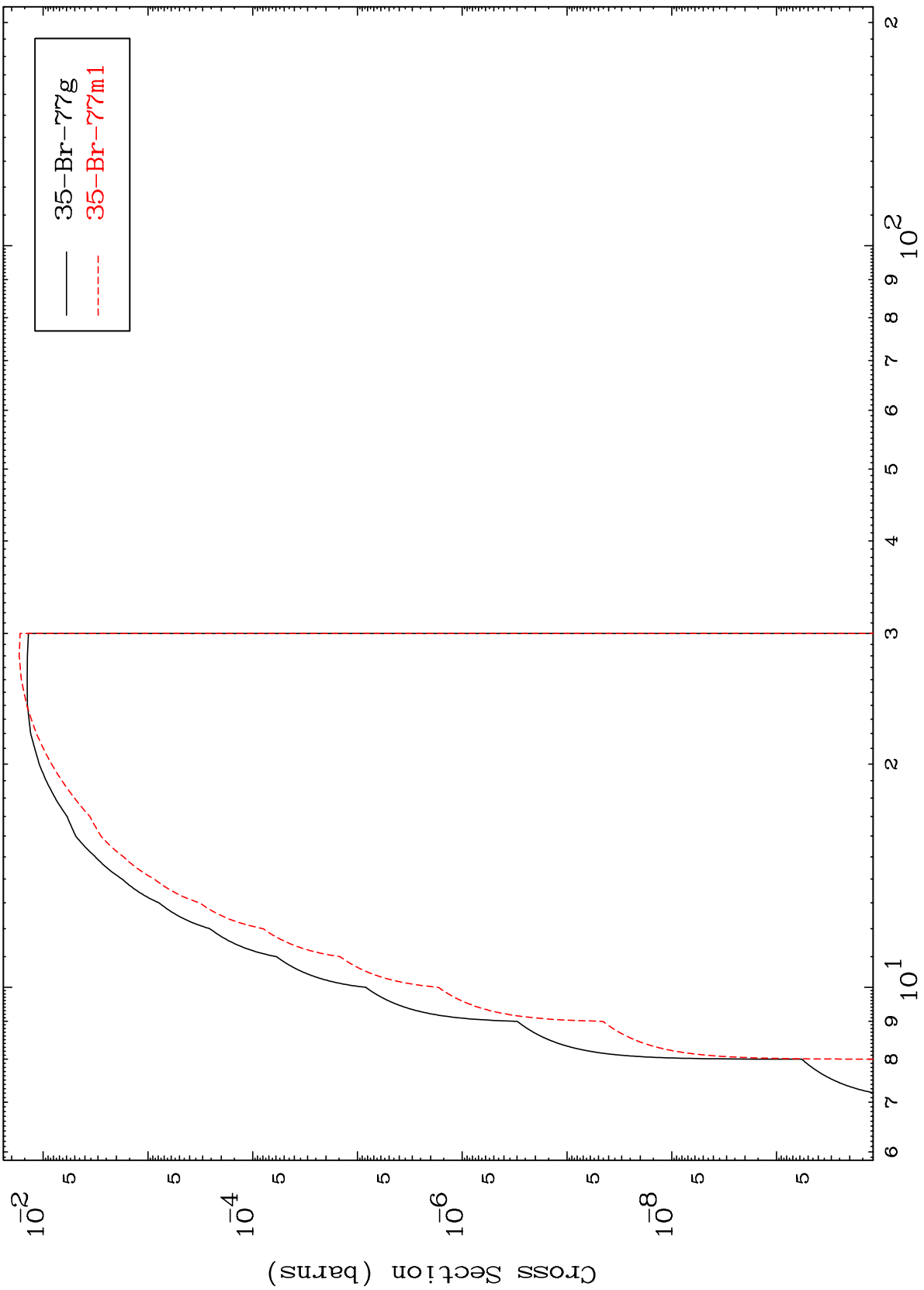
<sup>35</sup>Br-78

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(n,d)

<sup>35</sup>Br-78

Radionuclide Production Cross Section



17

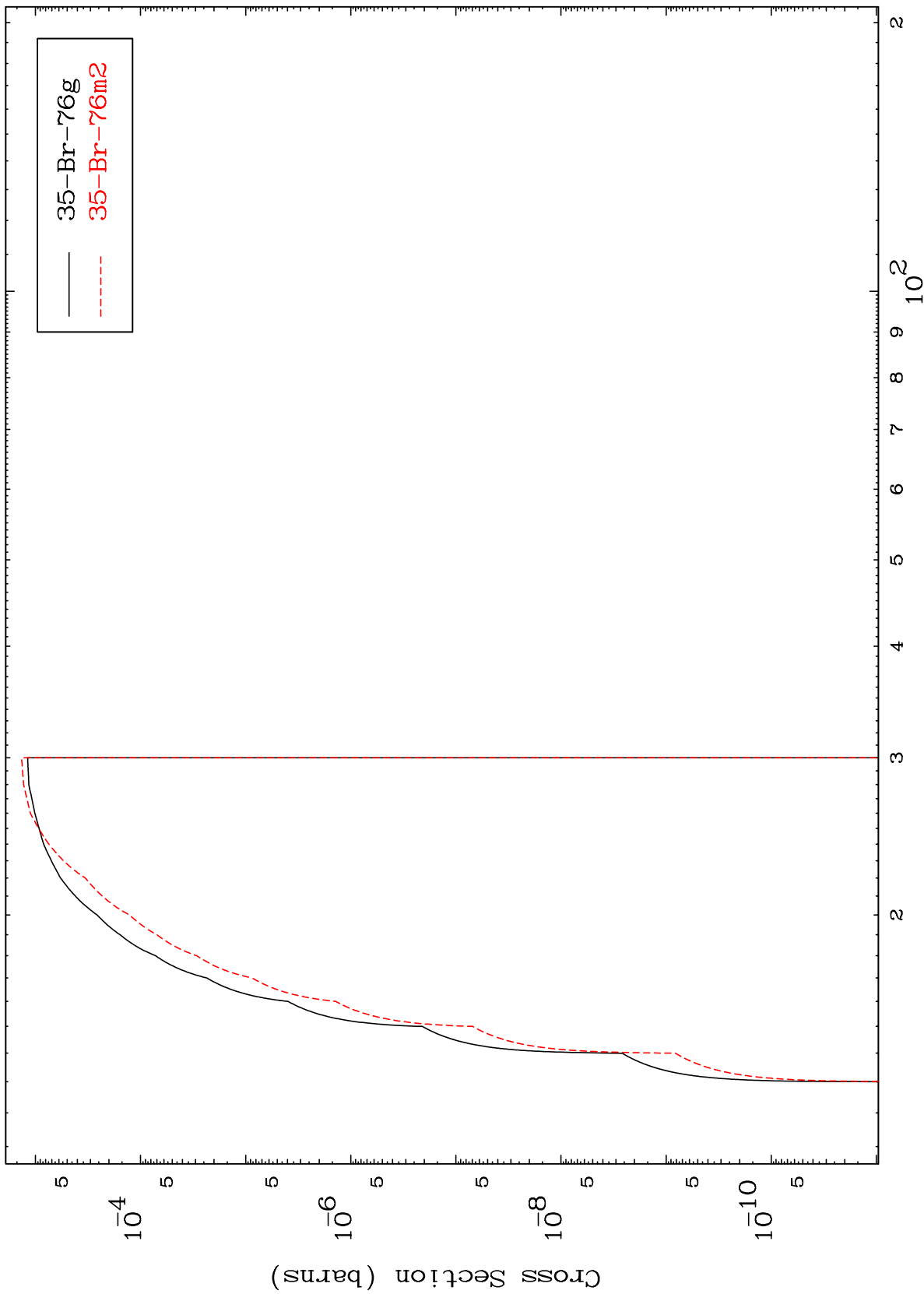
Incident Energy (MeV)

<sup>35</sup>Br-78

MAT 3522

<sup>35</sup>Br-78

(n,t)  
Radionuclide Production Cross Section



18

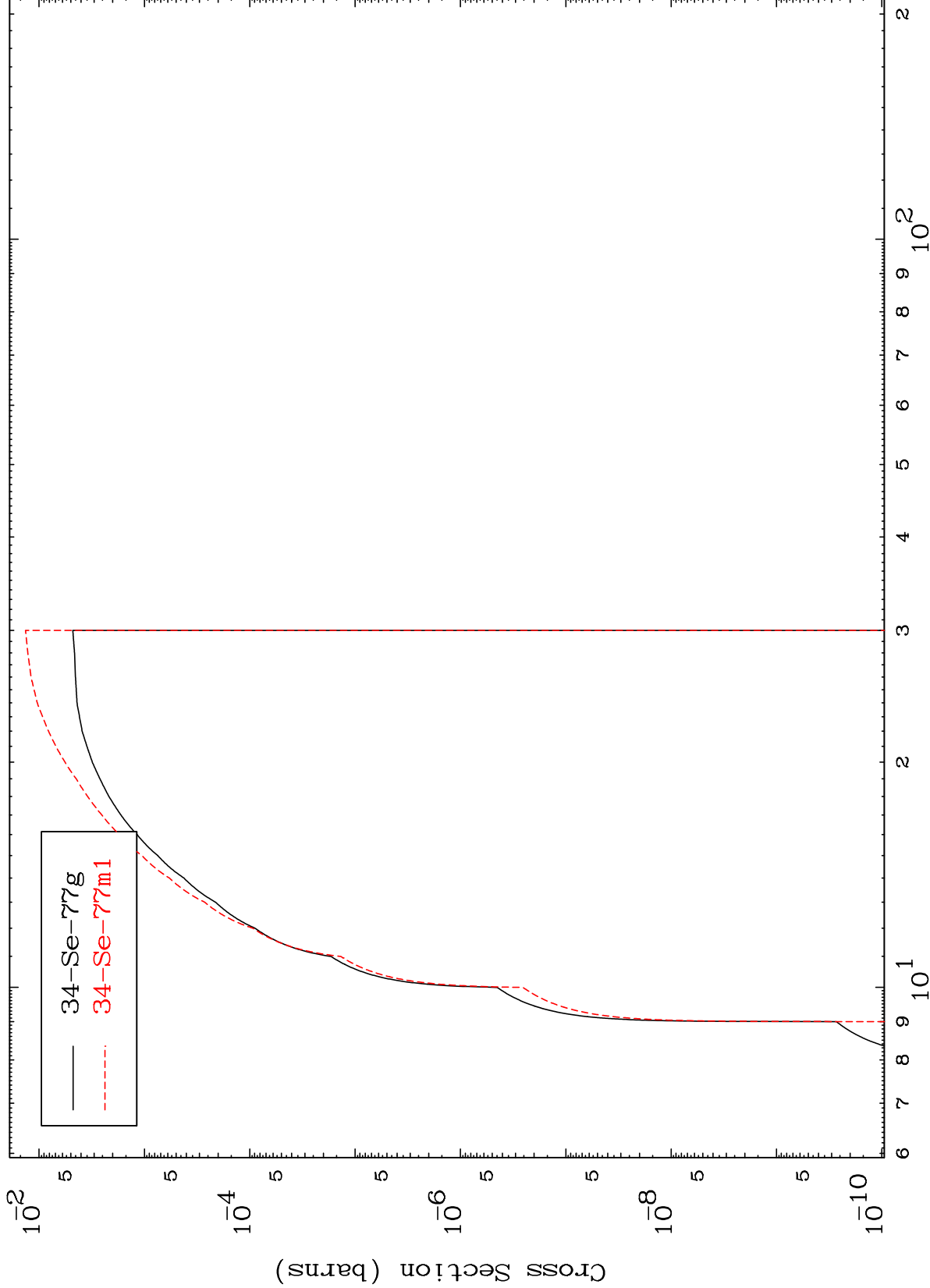
Incident Energy (MeV)

<sup>35</sup>Br-78

MAT 35222

<sup>35</sup>Br-78

Radionuclide Production Cross Section (n,2p)



19

Incident Energy (MeV)

<sup>35</sup>Br-78