

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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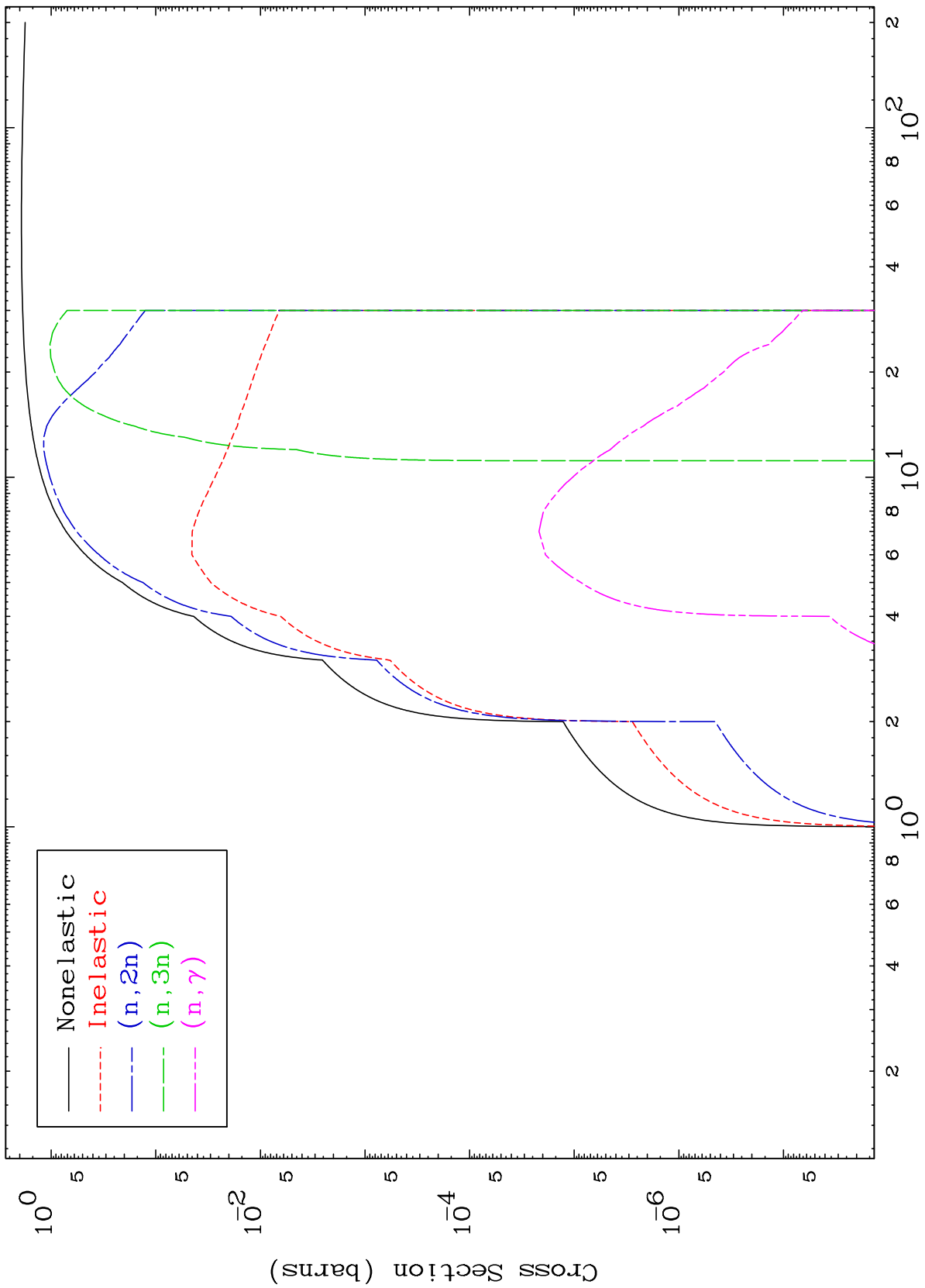
Tele: 925-443-1911

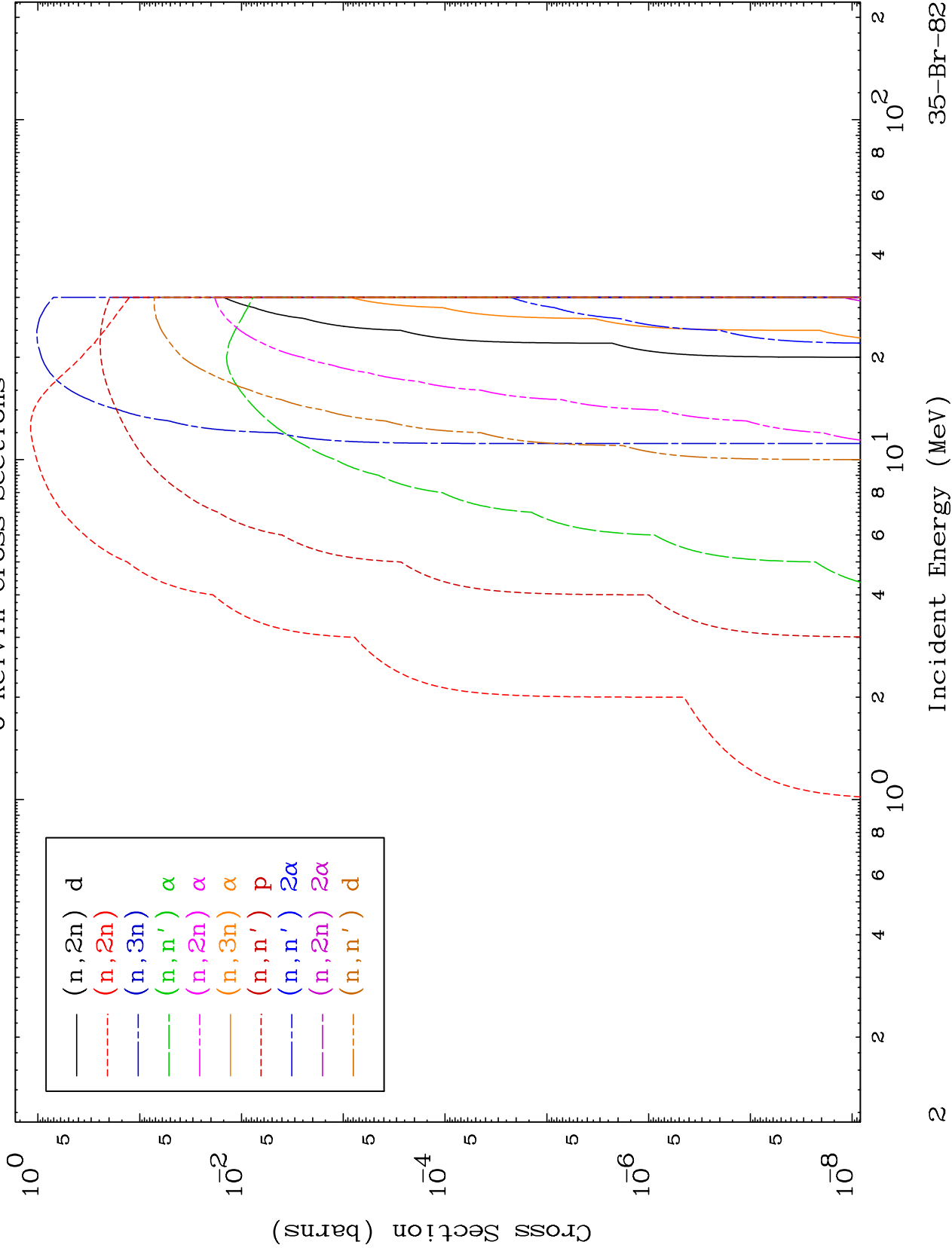
E.Mail: redcullen1@comcast.net

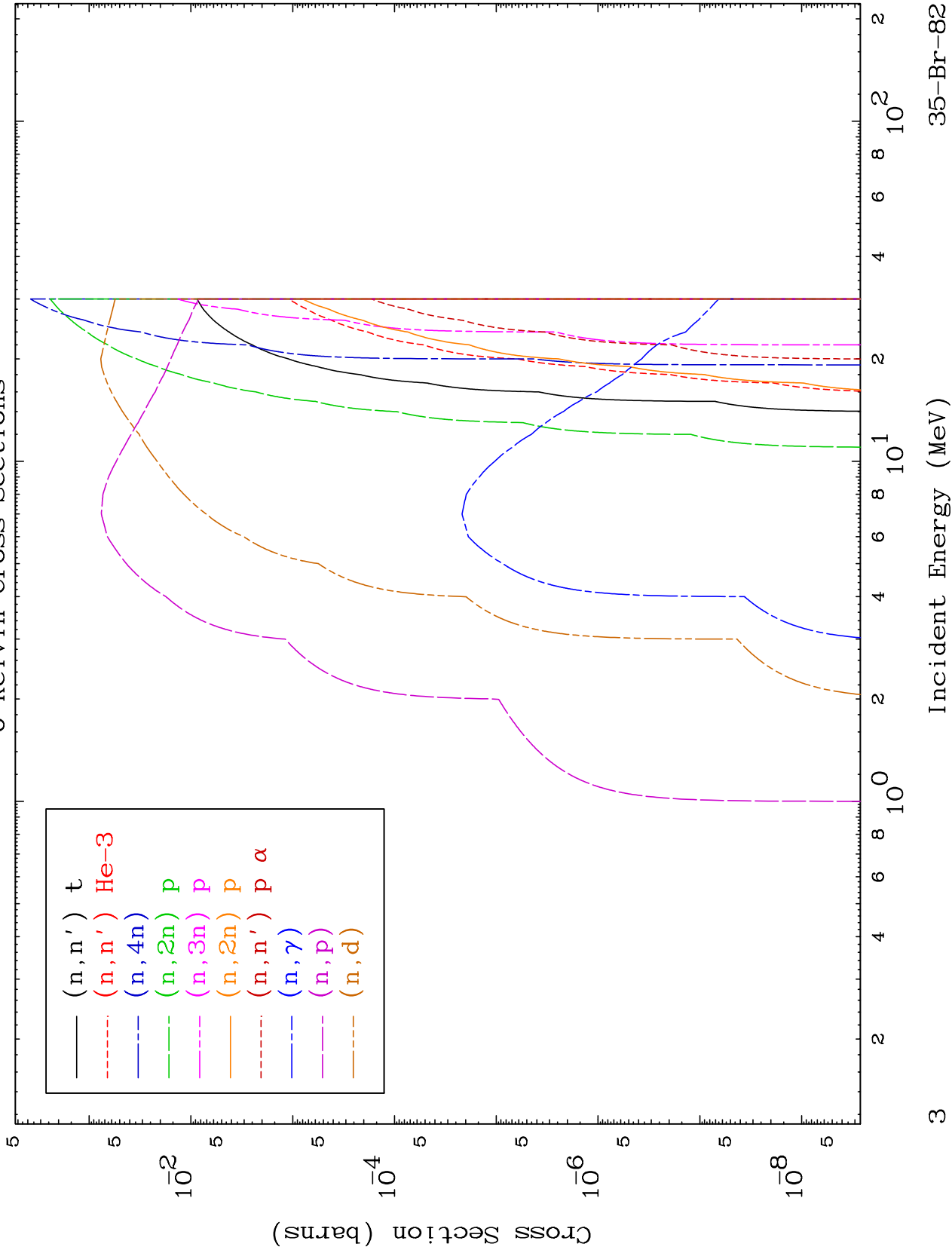
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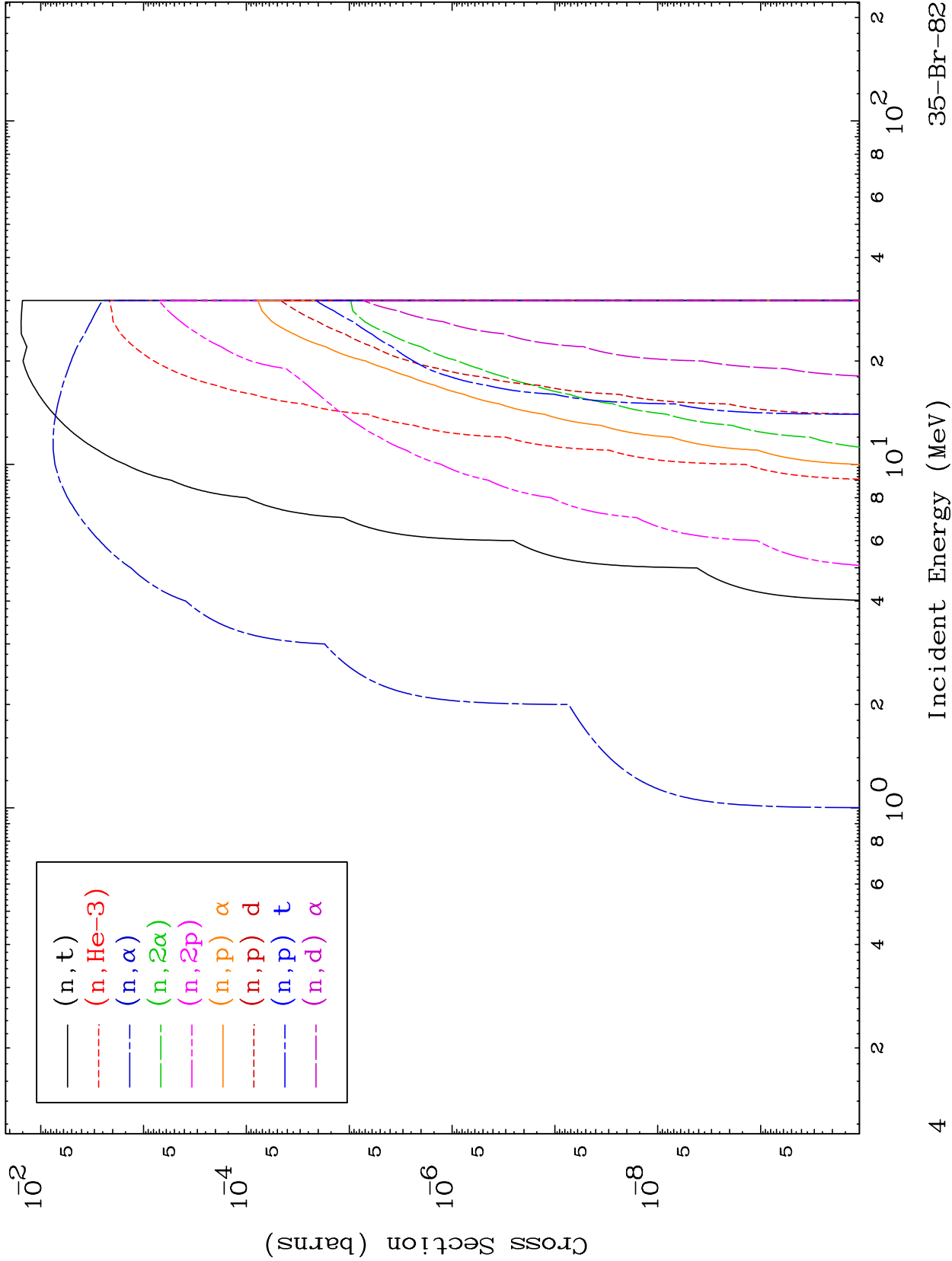
Press Mouse Button to Start

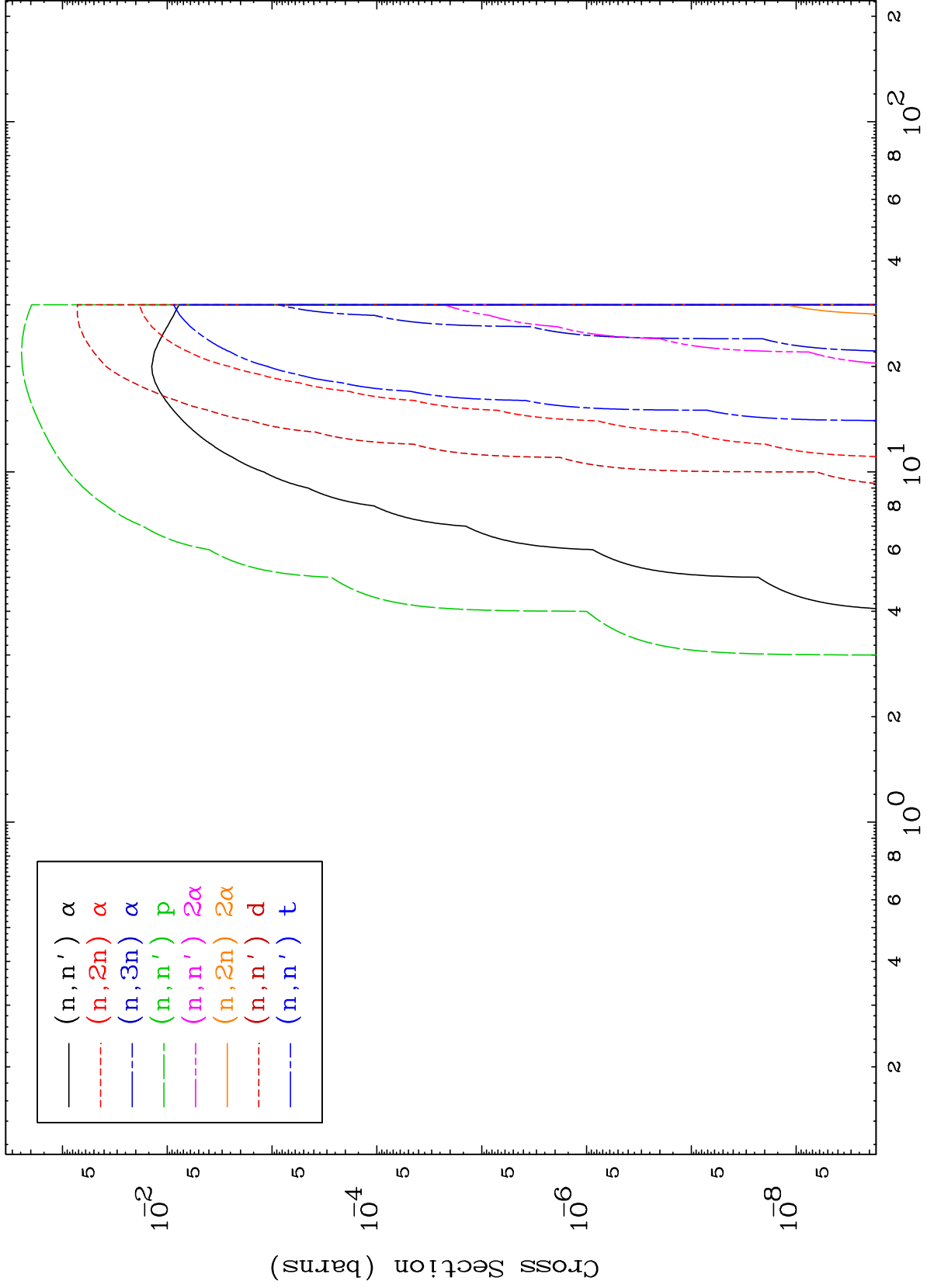
0 Kelvin Cross Sections

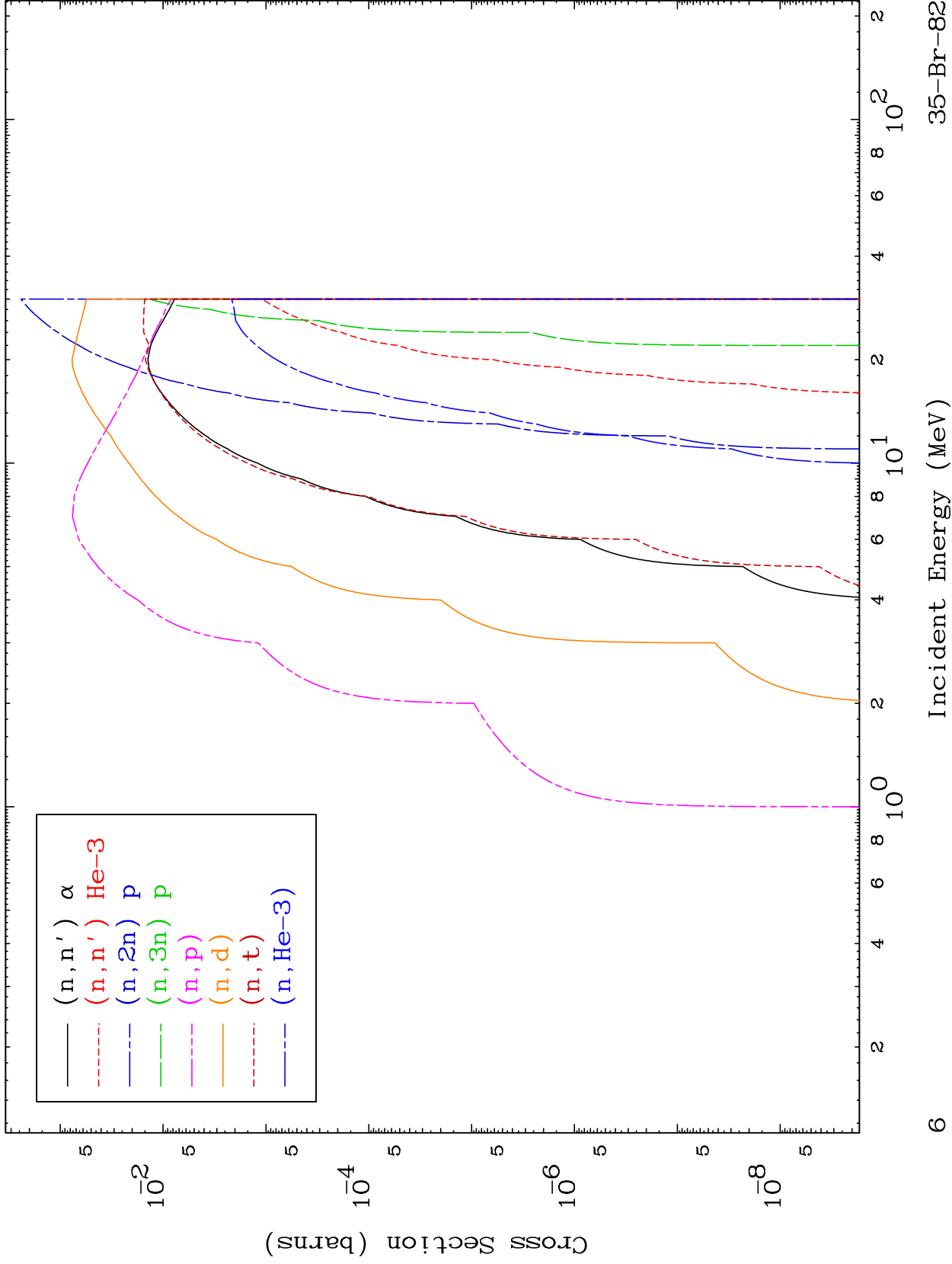








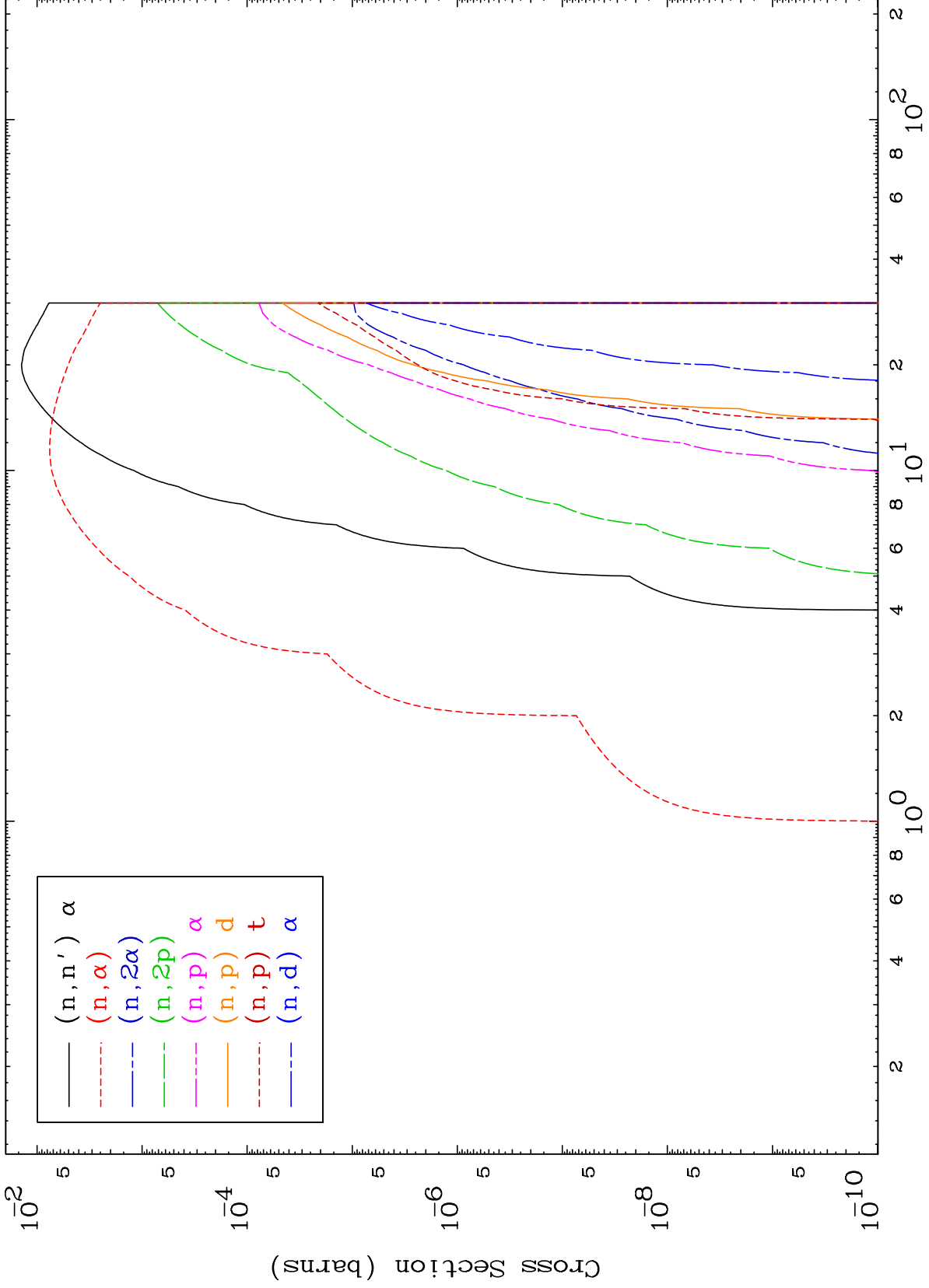




MAT 3534

Deuteron Charged Particle
0 Kelvin Cross Sections

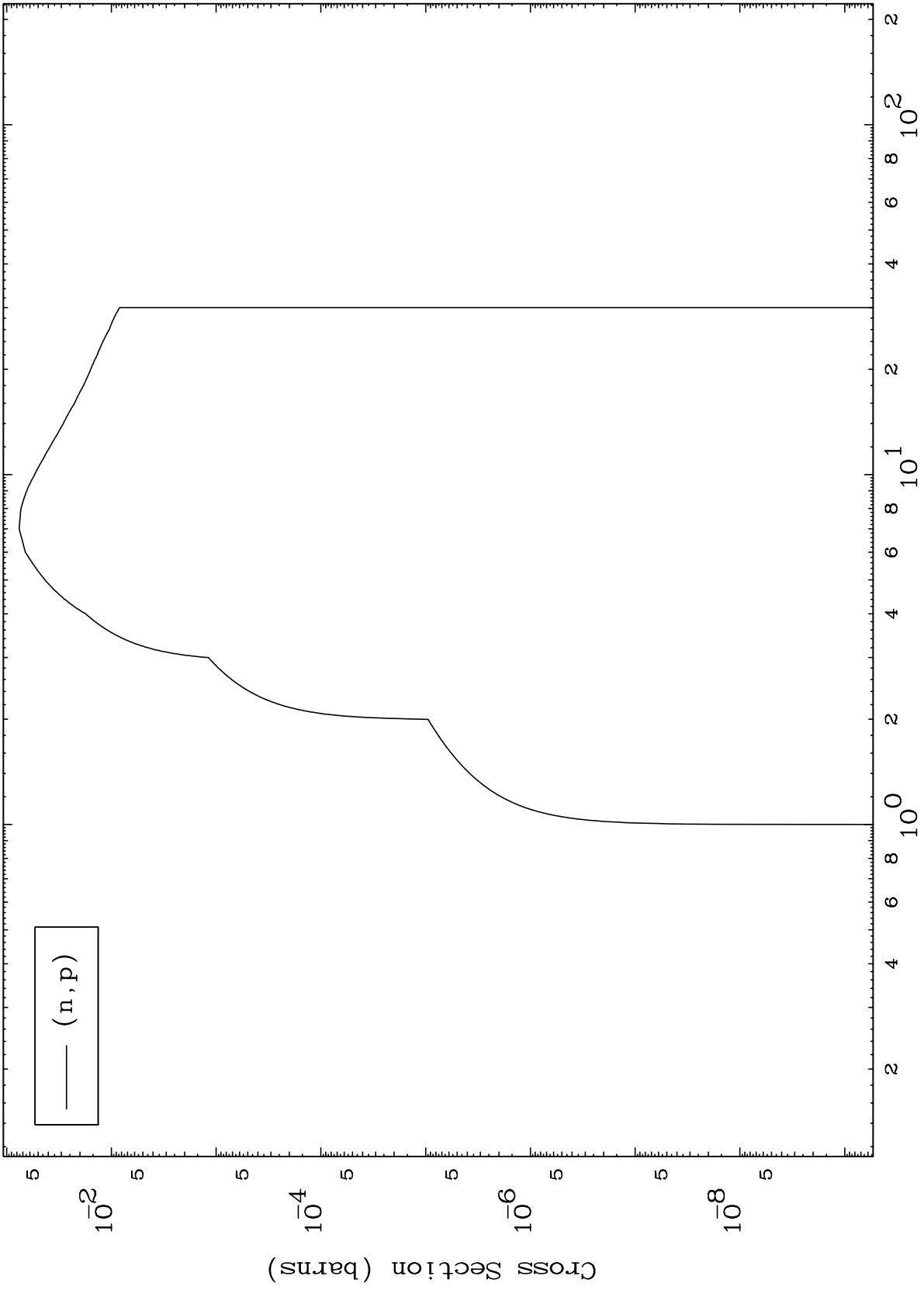
35-Br-82



MAT 3534

35-Br-82

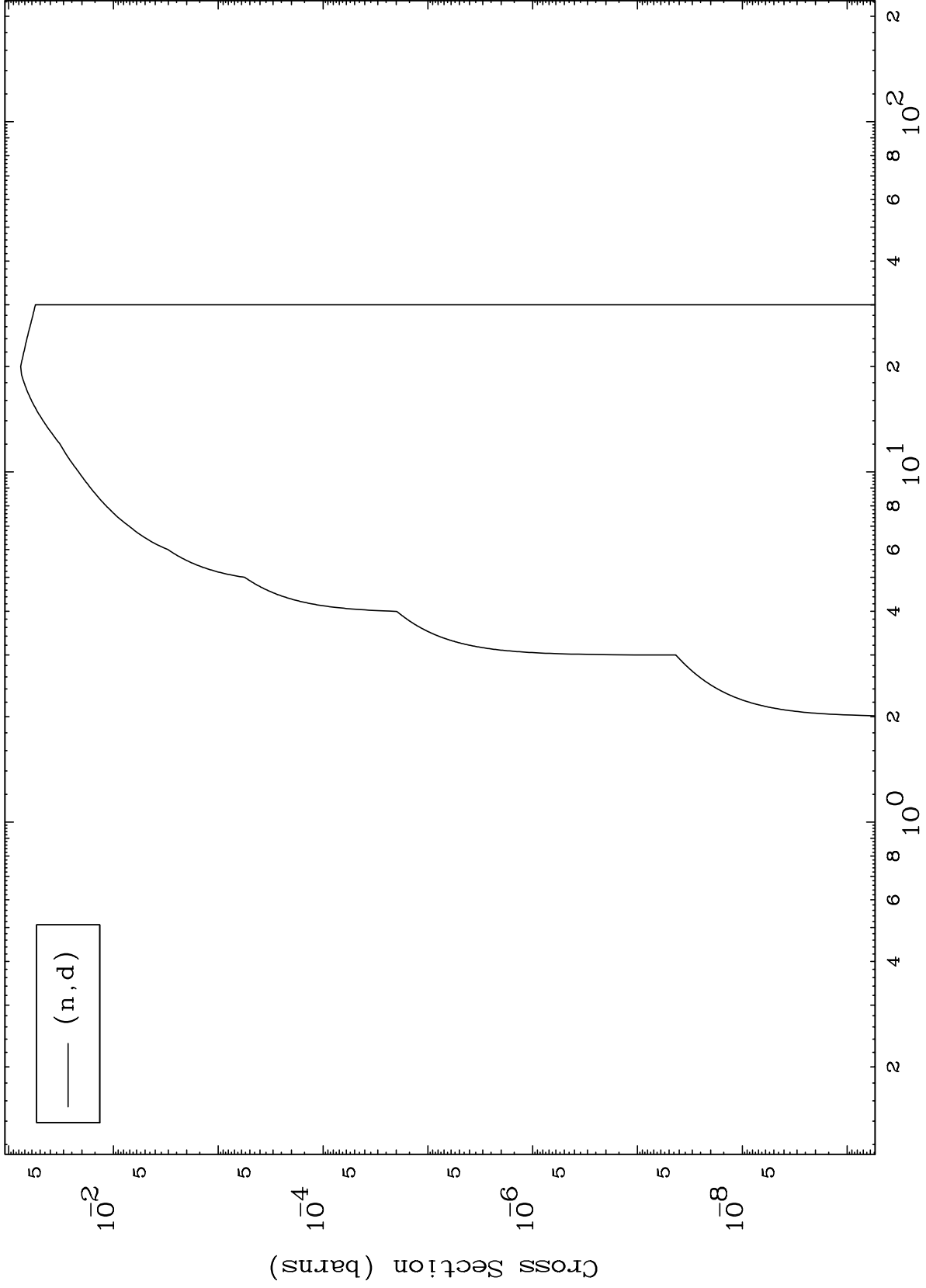
(d,p) Levels
0 Kelvin Cross Sections



MAT 3534

(d,d) Levels
0 Kelvin Cross Sections

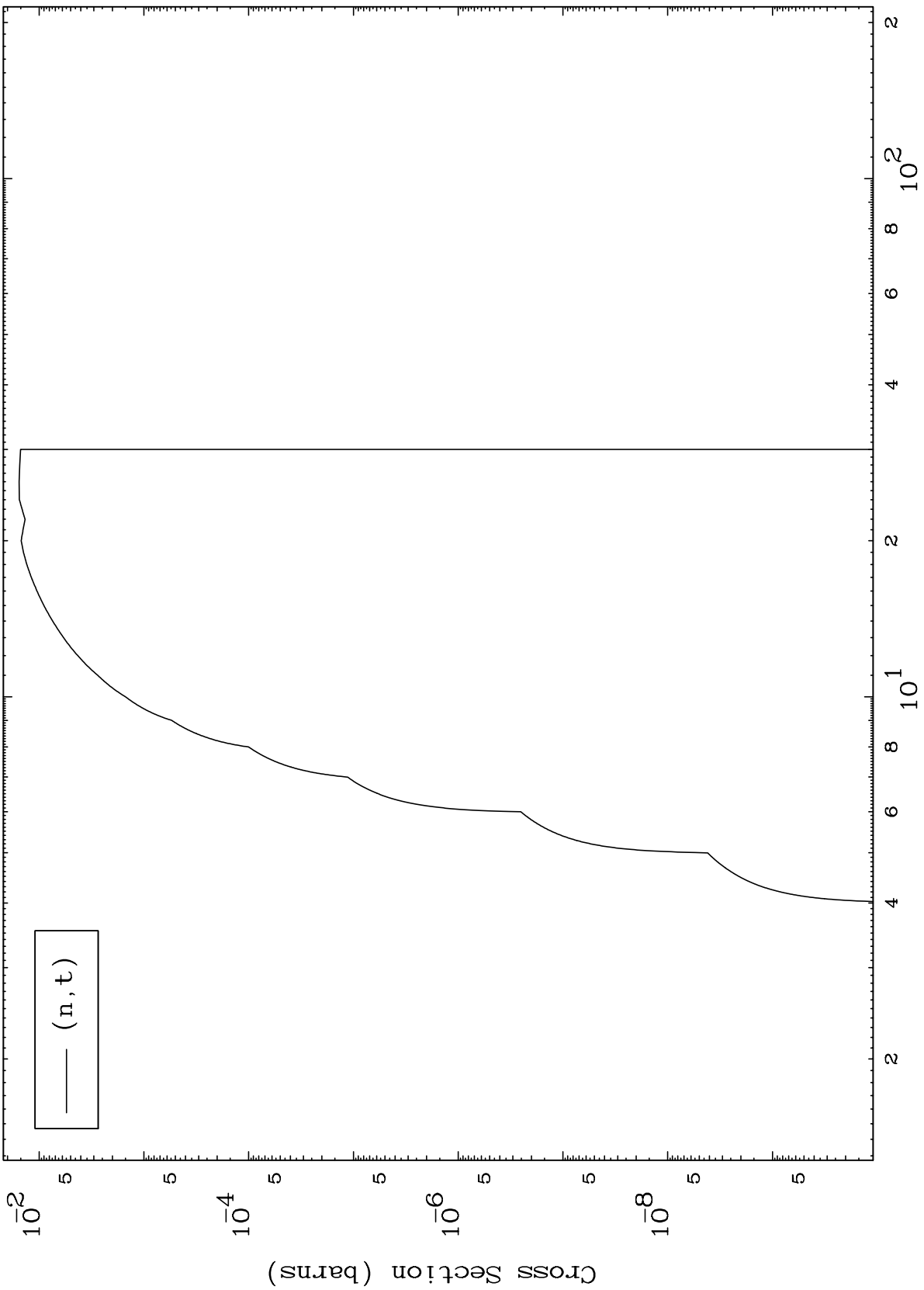
35-Br-82



MAT 3534

35-Br-82

(d,t) Levels
0 Kelvin Cross Sections

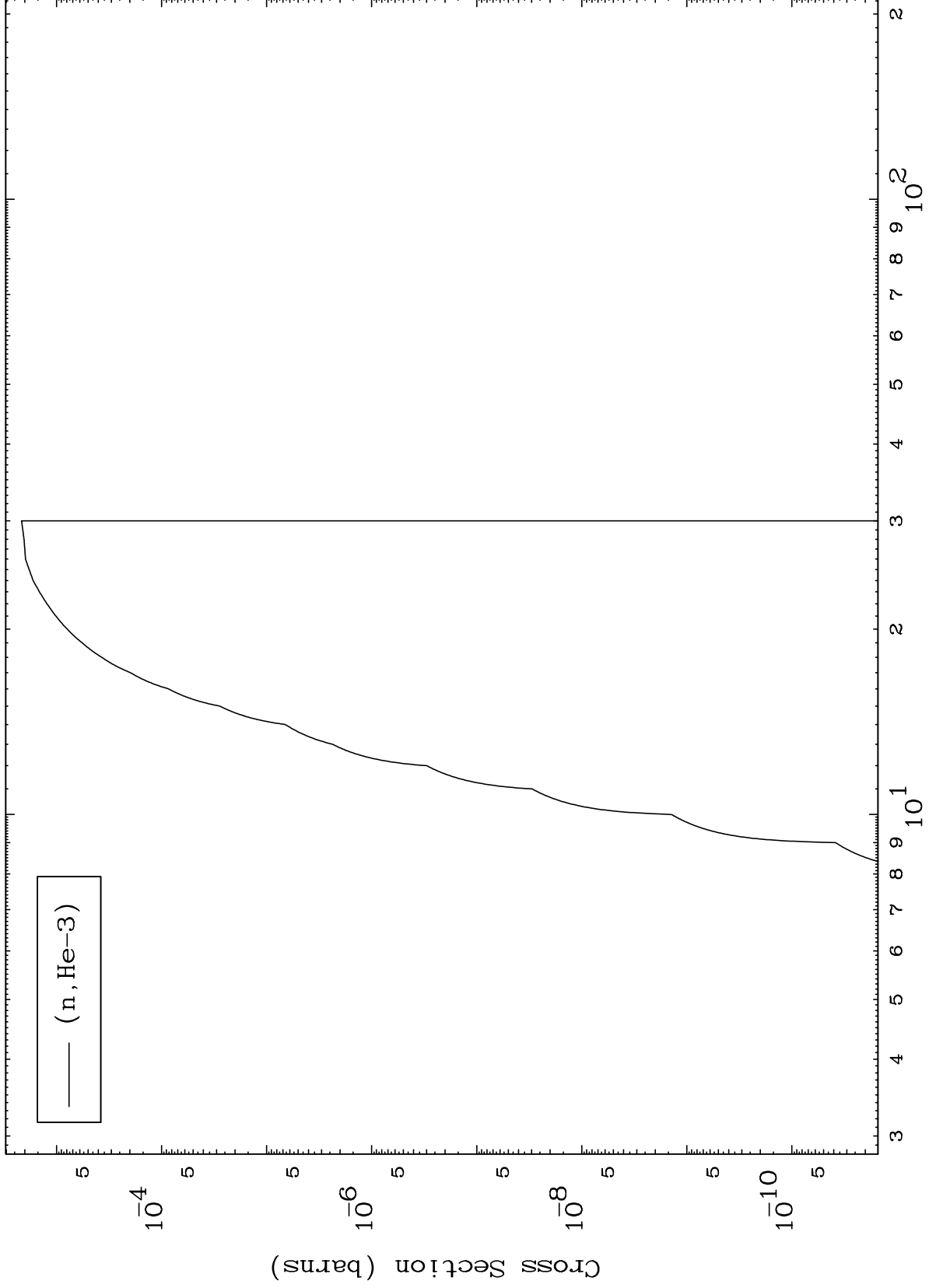


10

Incident Energy (MeV)

35-Br-82

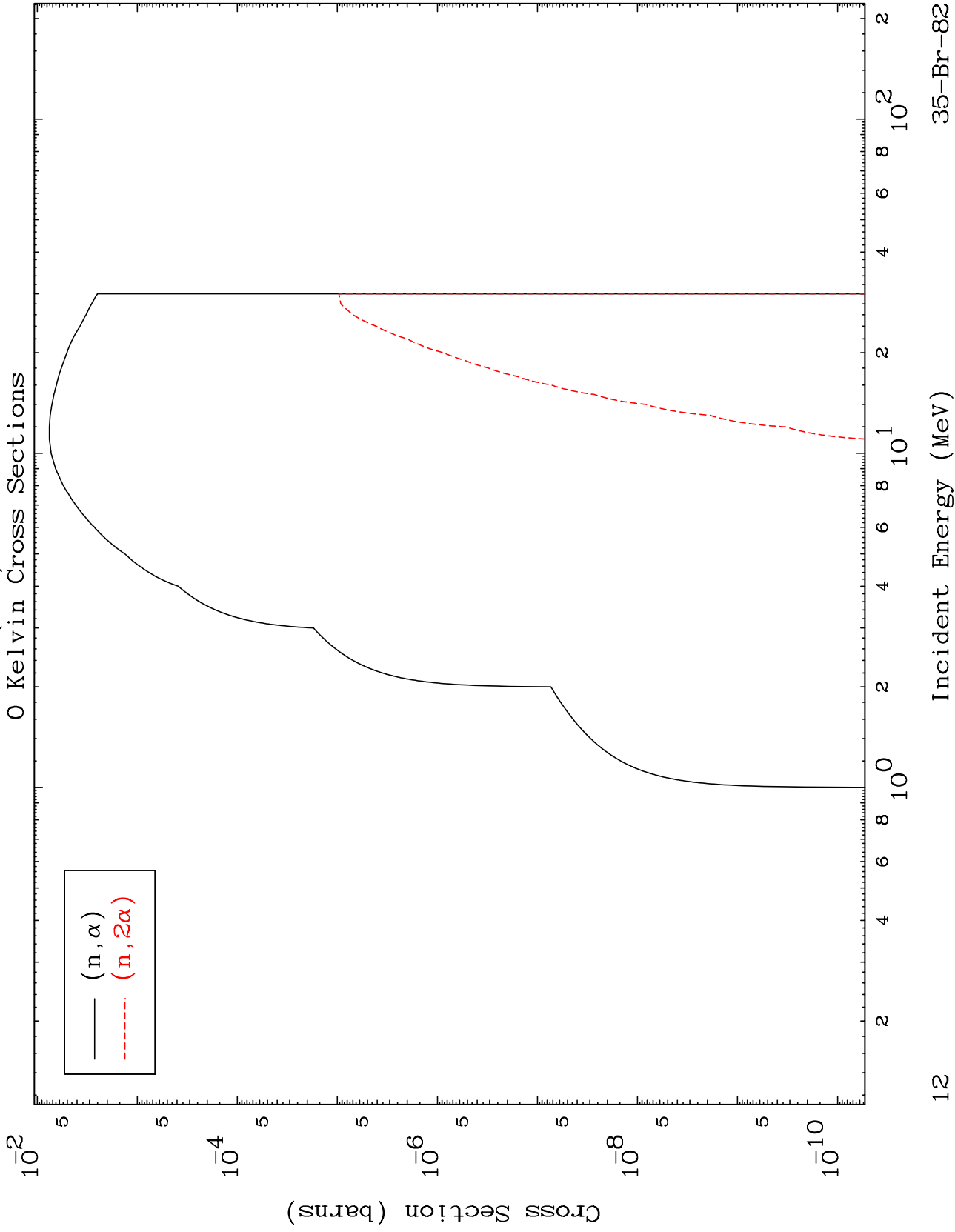
(d,He3) Levels
0 Kelvin Cross Sections



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(d, α) Levels

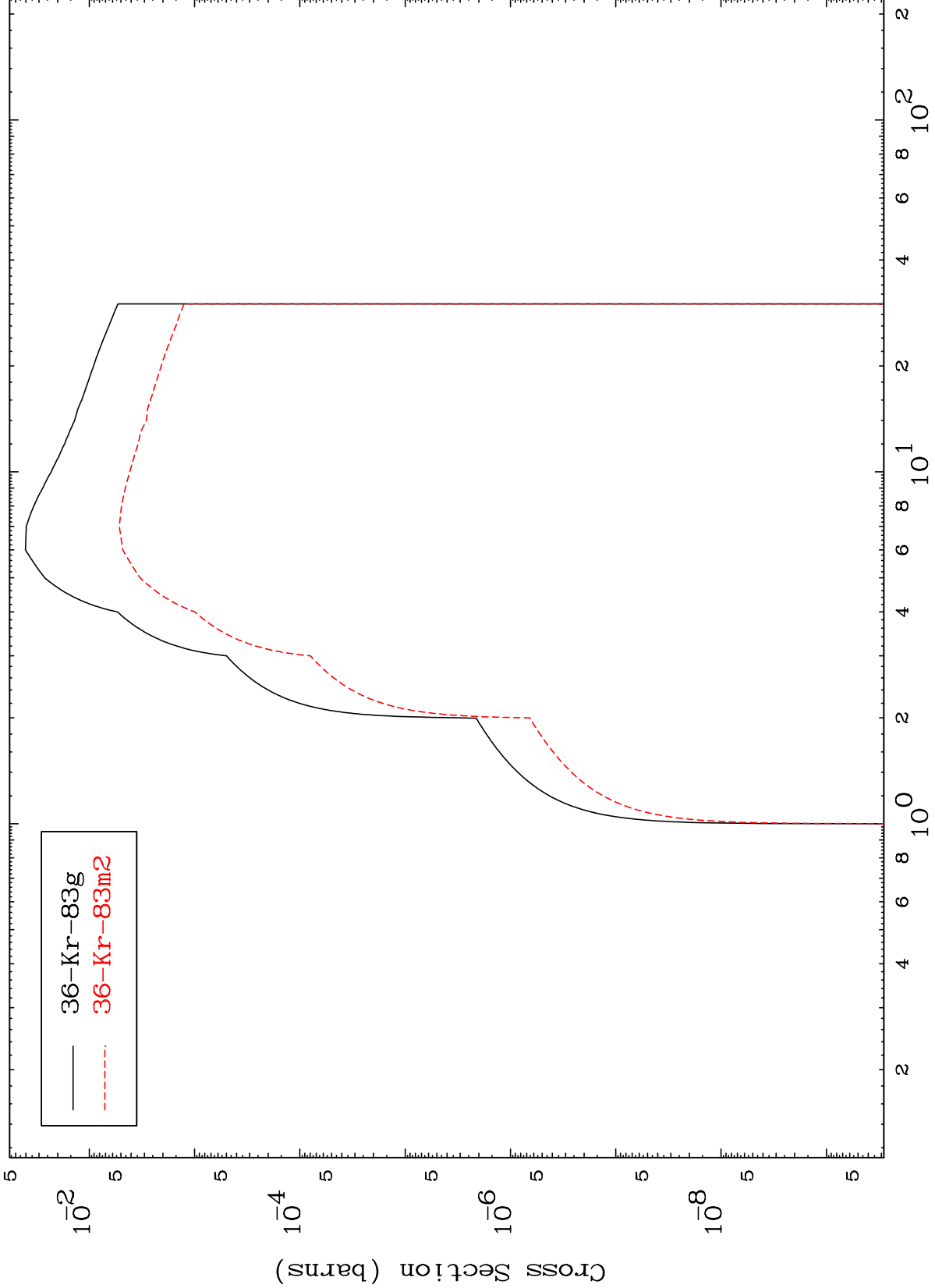
³⁵Br-82



MAT 3534

35-Br-82

Inelastic
Radionuclide Production Cross Section

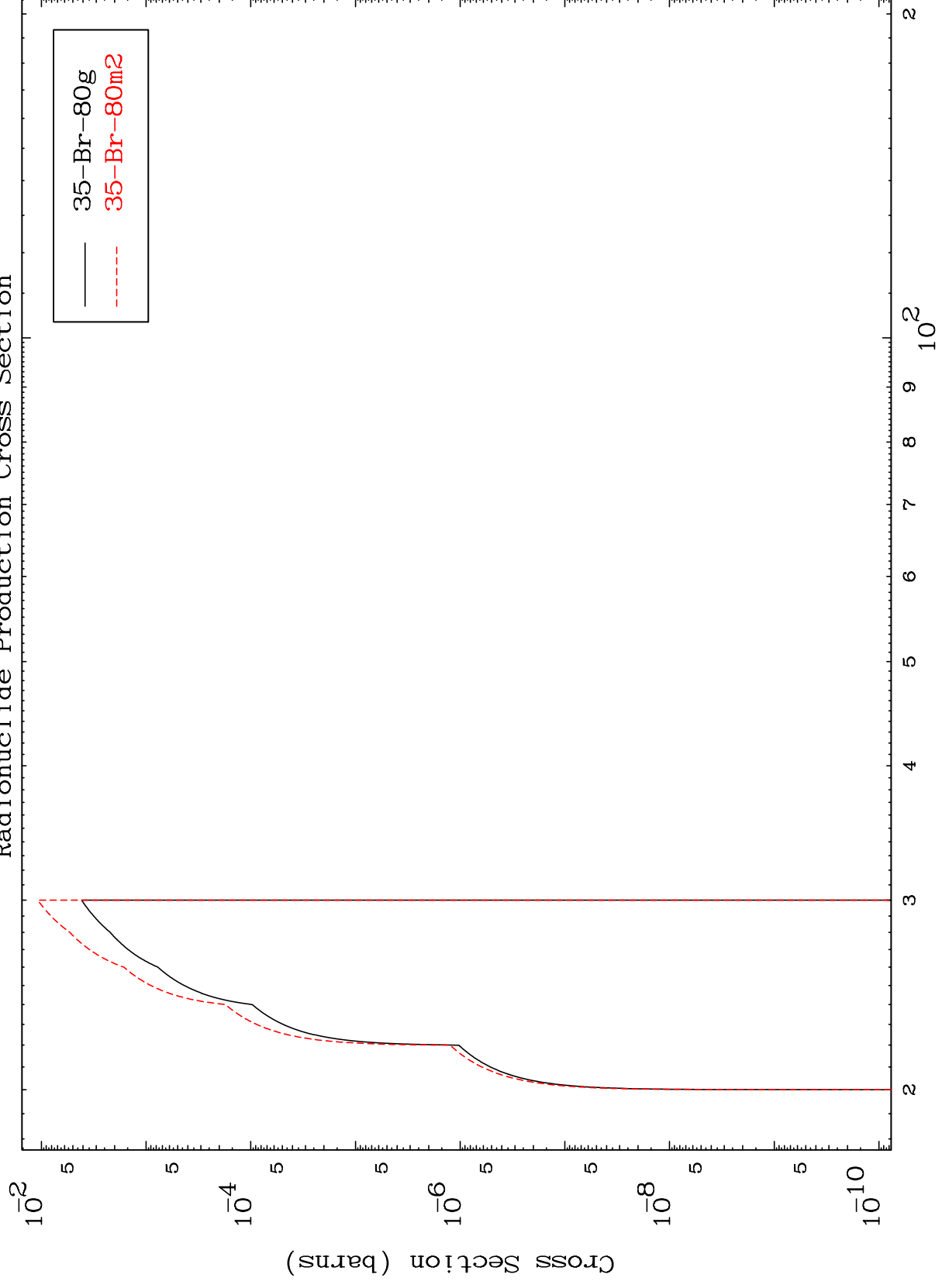


MAT 3534

(n,2n) d

35-Br-82

Radionuclide Production Cross Section



14

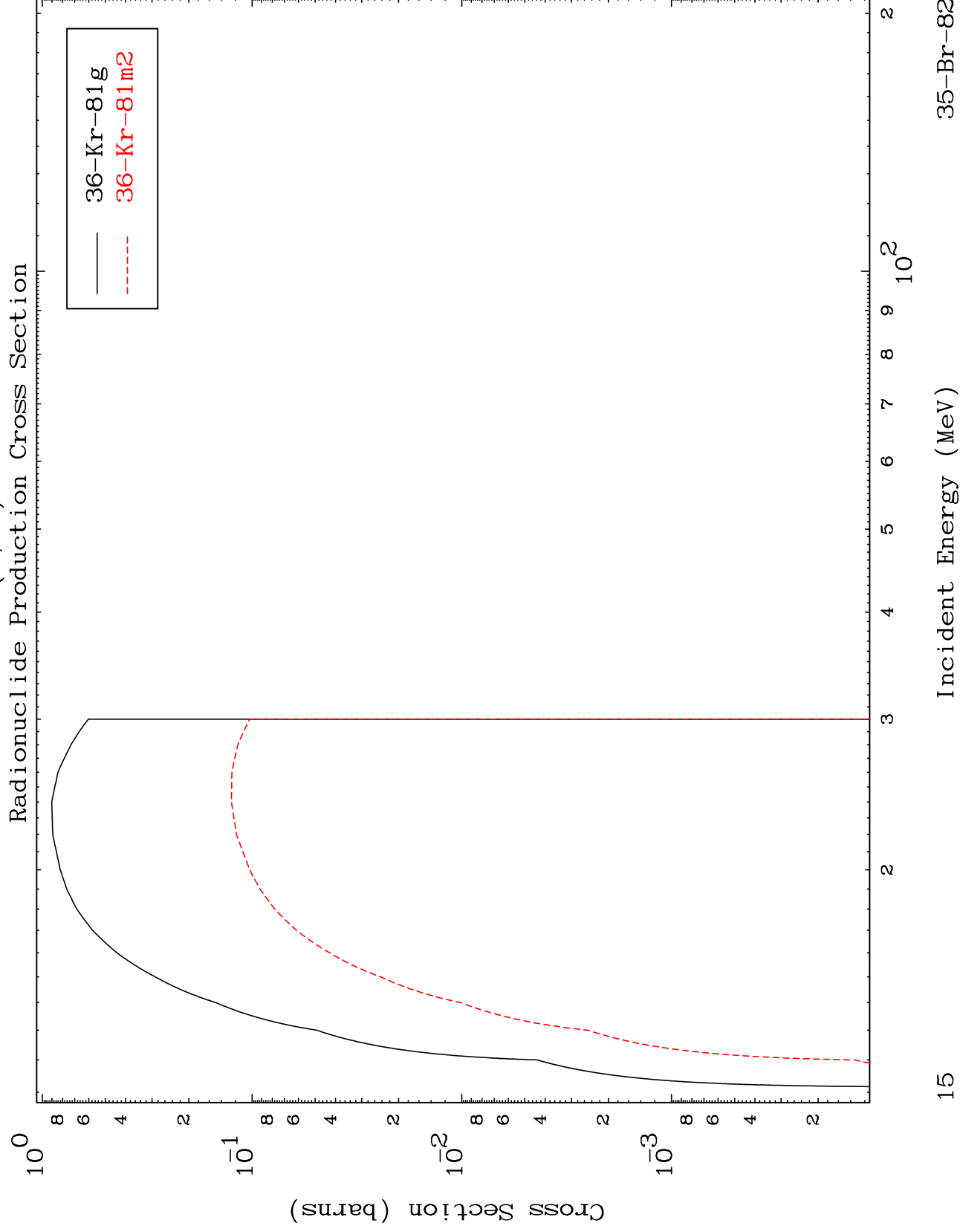
Incident Energy (MeV)

35-Br-82

MAT 3534

(n,3n)

35-Br-82



15

Incident Energy (MeV)

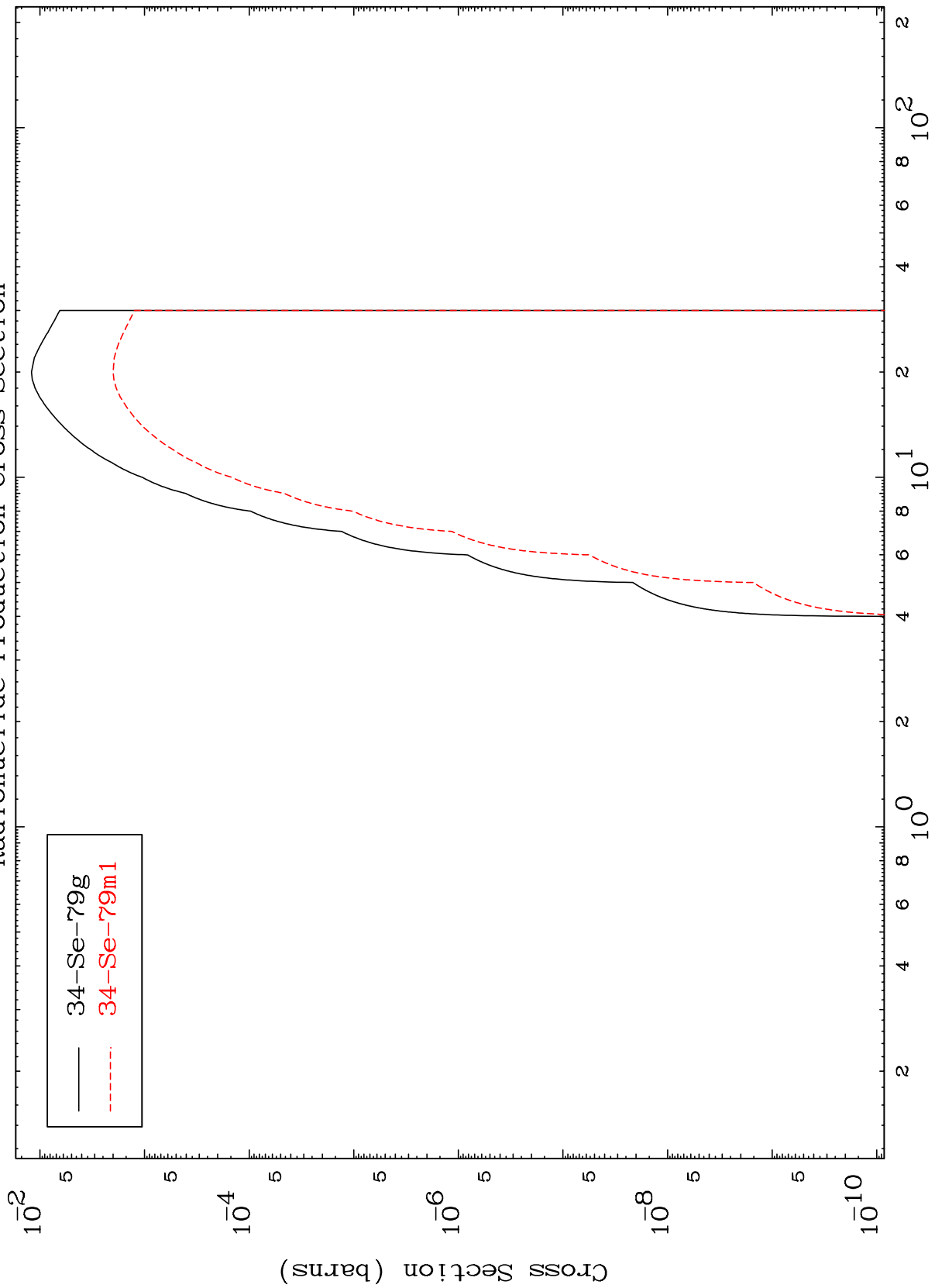
35-Br-82

MAT 3534

(n,n') α

35-Br-82

Radionuclide Production Cross Section



34-Se-79g
34-Se-79m1

16

Incident Energy (MeV)

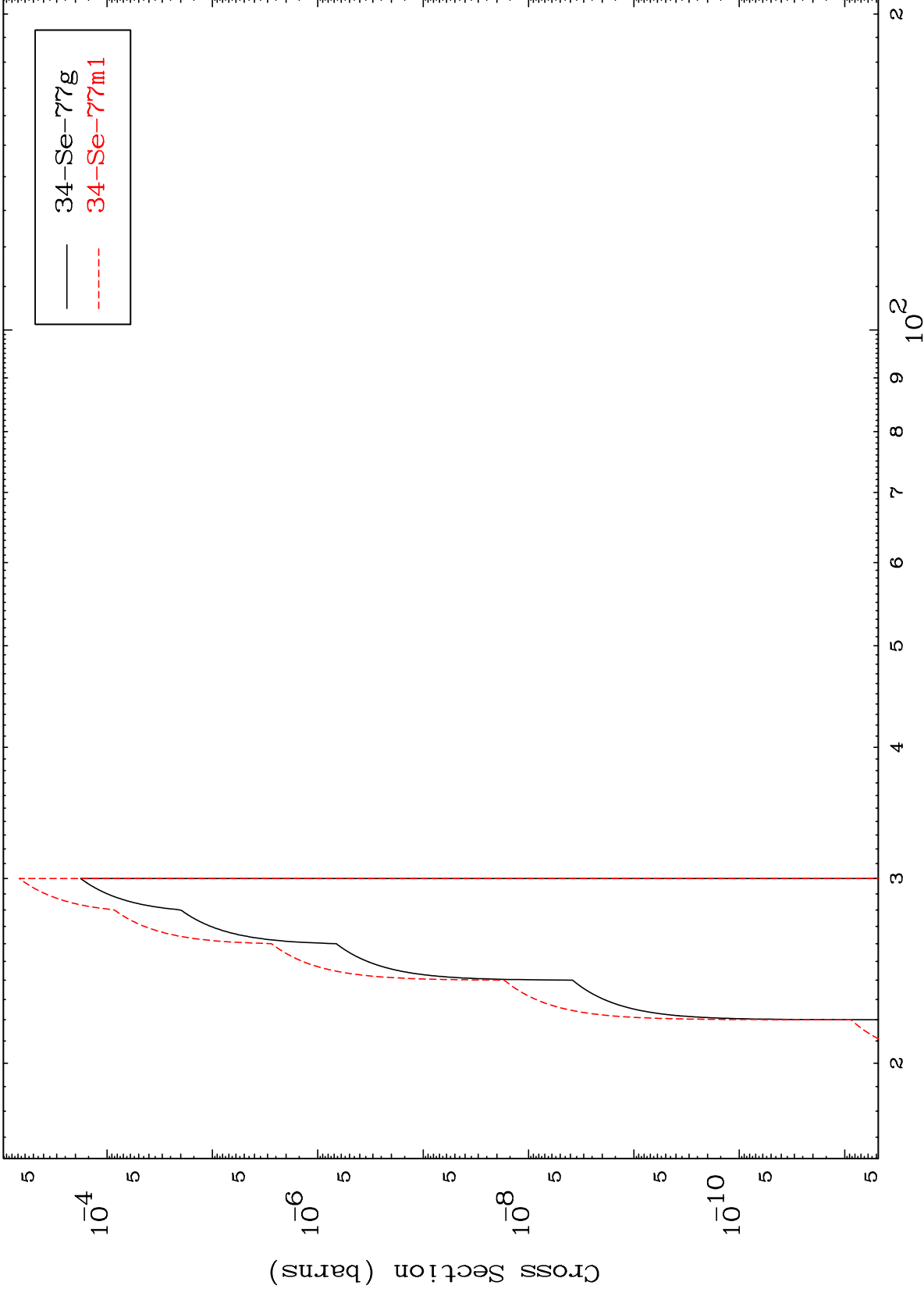
35-Br-82

MAT 3534

$(n,3n) \alpha$

35-Br-82

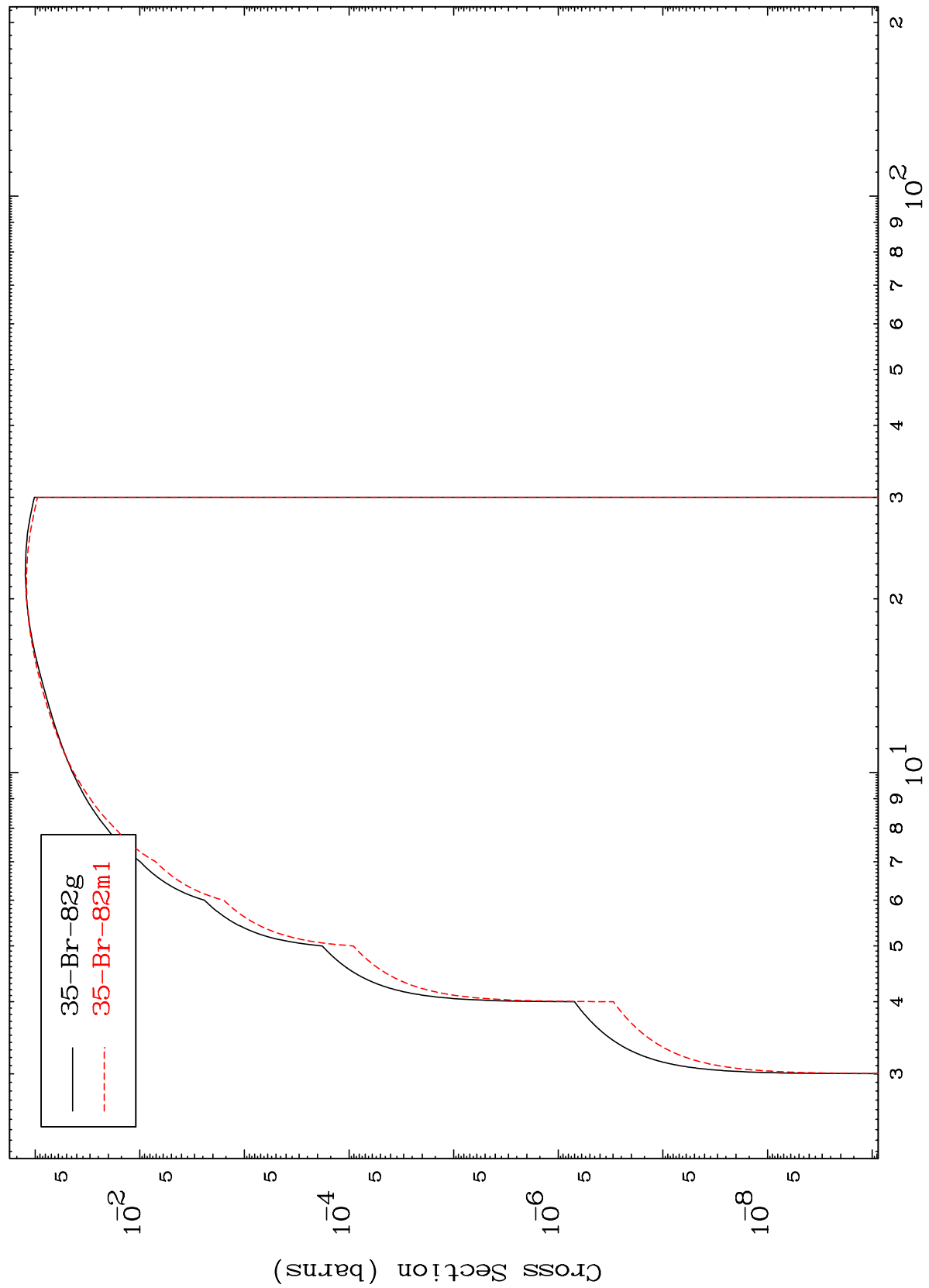
Radionuclide Production Cross Section



MAT 3534

35-Br-82

(n,n') p
Radionuclide Production Cross Section



18

Incident Energy (MeV)

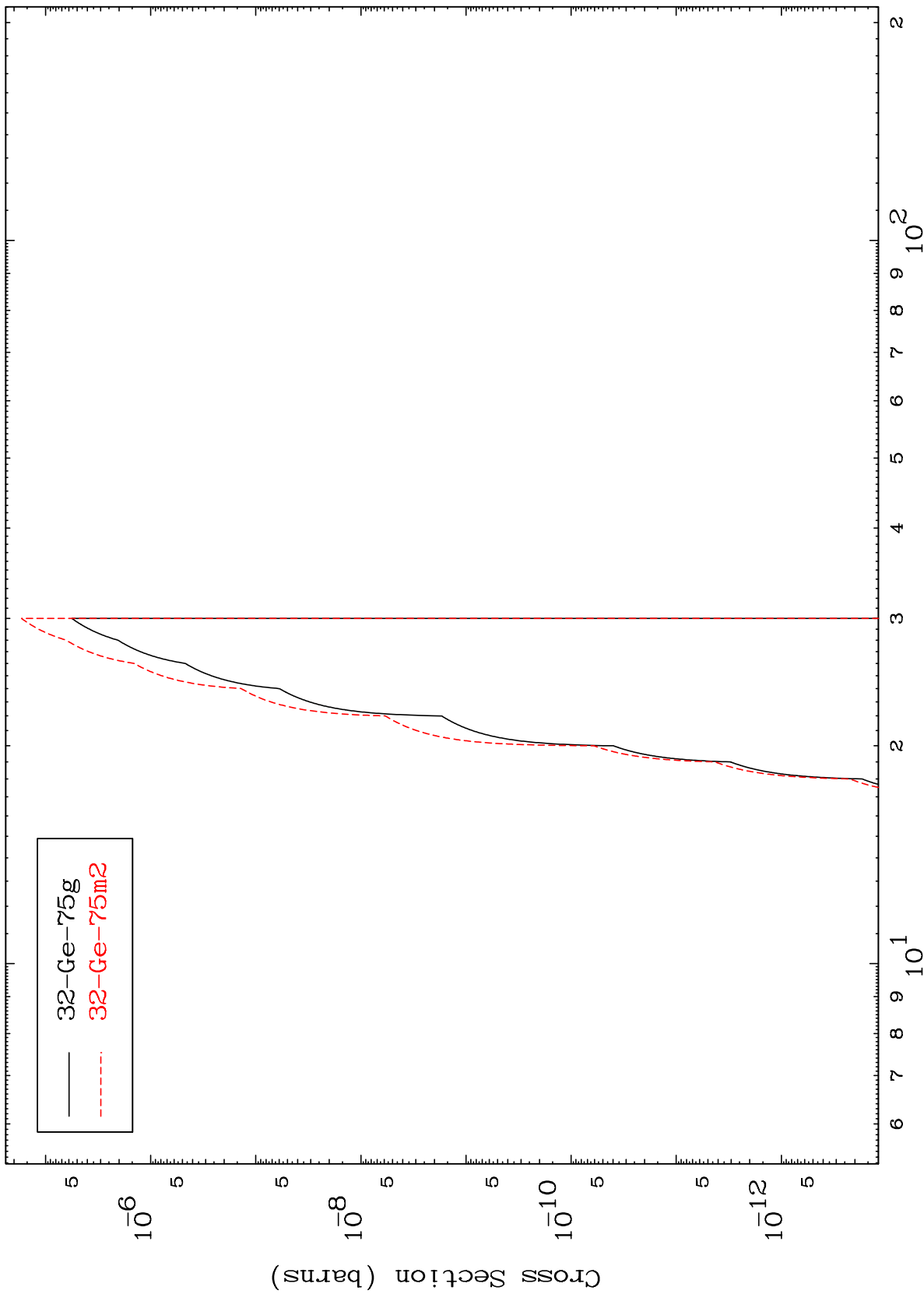
35-Br-82

MAT 3534

35-Br-82

(n,n') 2α

Radionuclide Production Cross Section



19

Incident Energy (MeV)

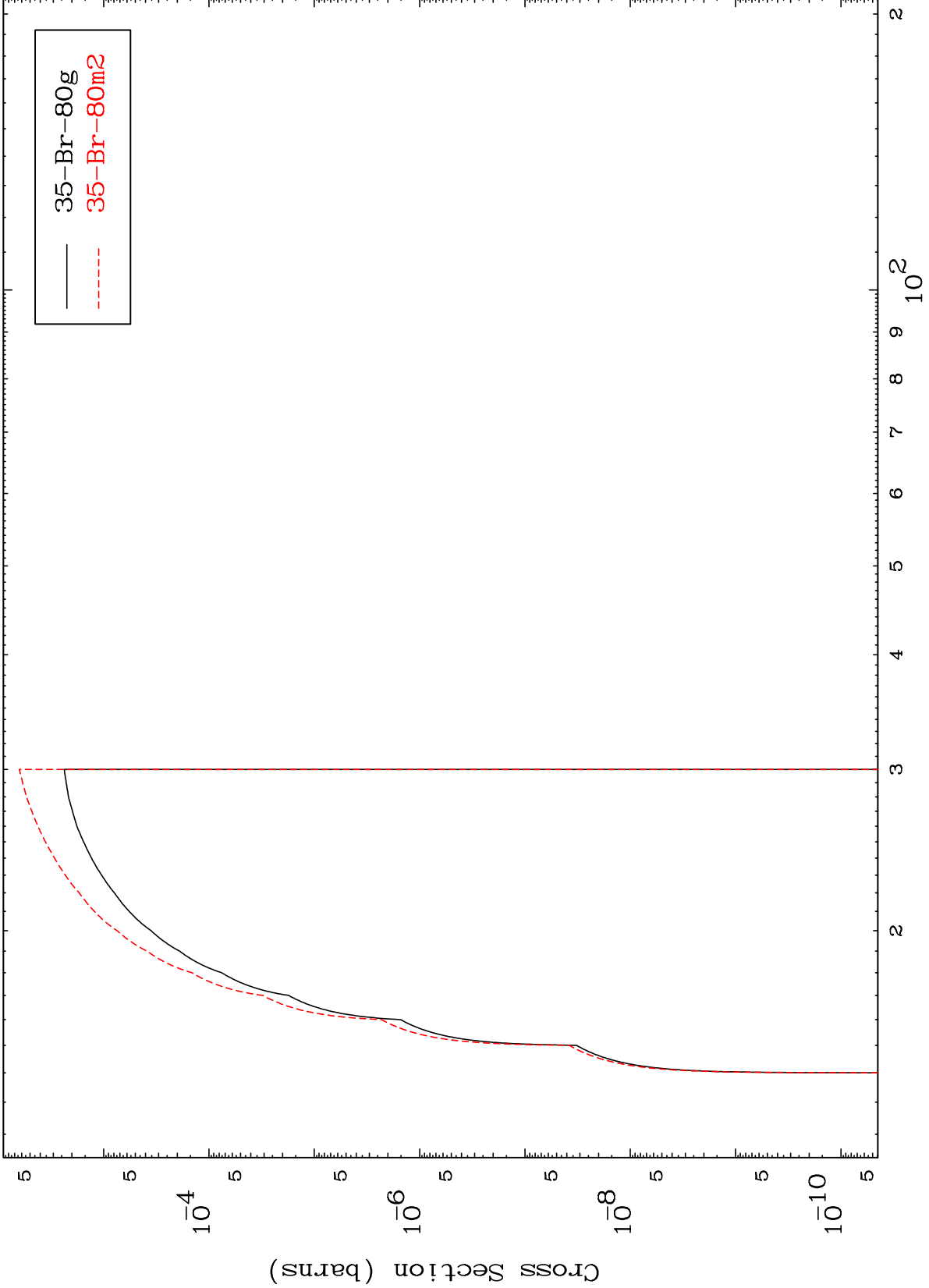
35-Br-82

MAT 3534

(n,n') t

35-Br-82

Radionuclide Production Cross Section



20

Incident Energy (MeV)

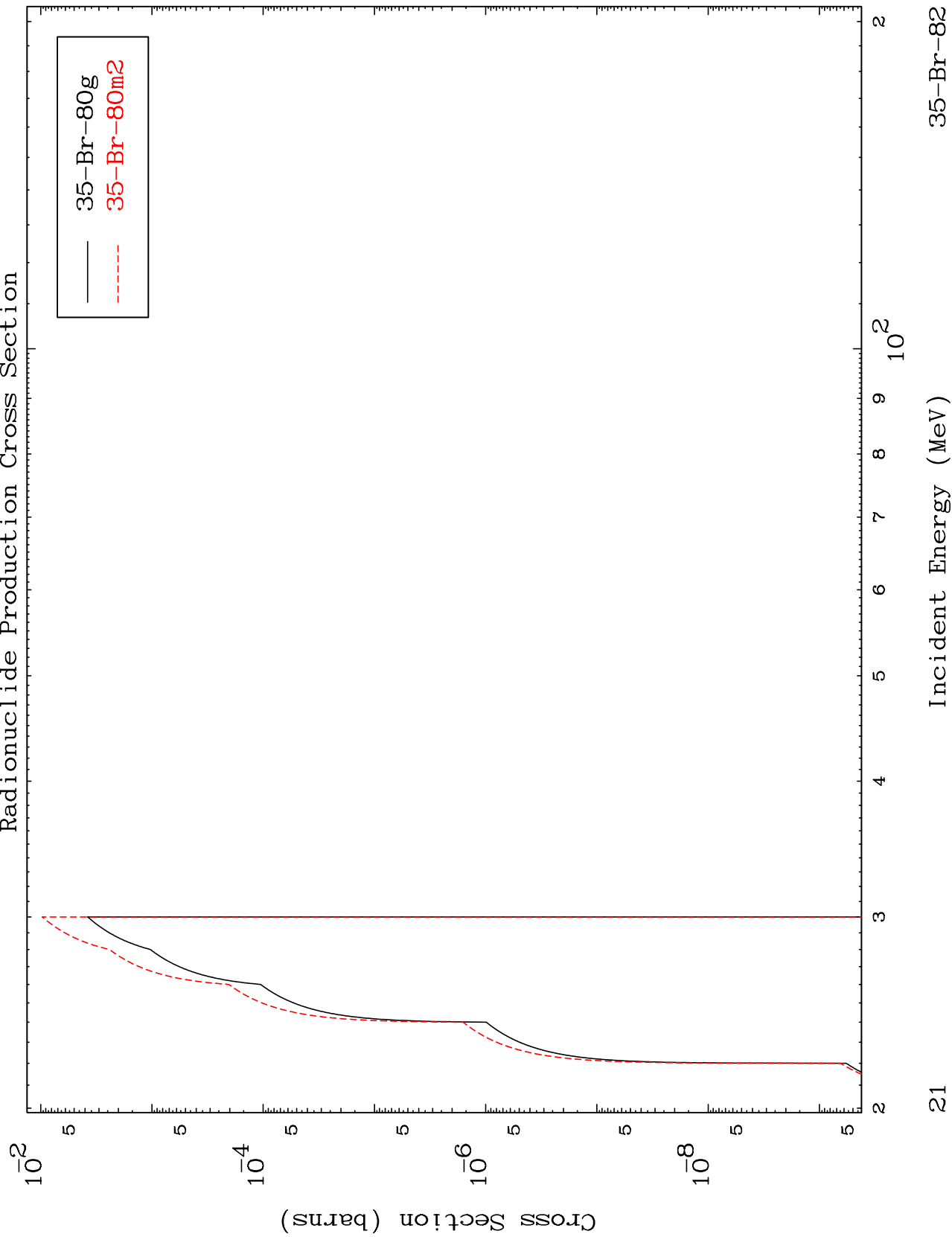
35-Br-82

MAT 3534

(n,3n) p

³⁵Br-82

Radionuclide Production Cross Section



21

Incident Energy (MeV)

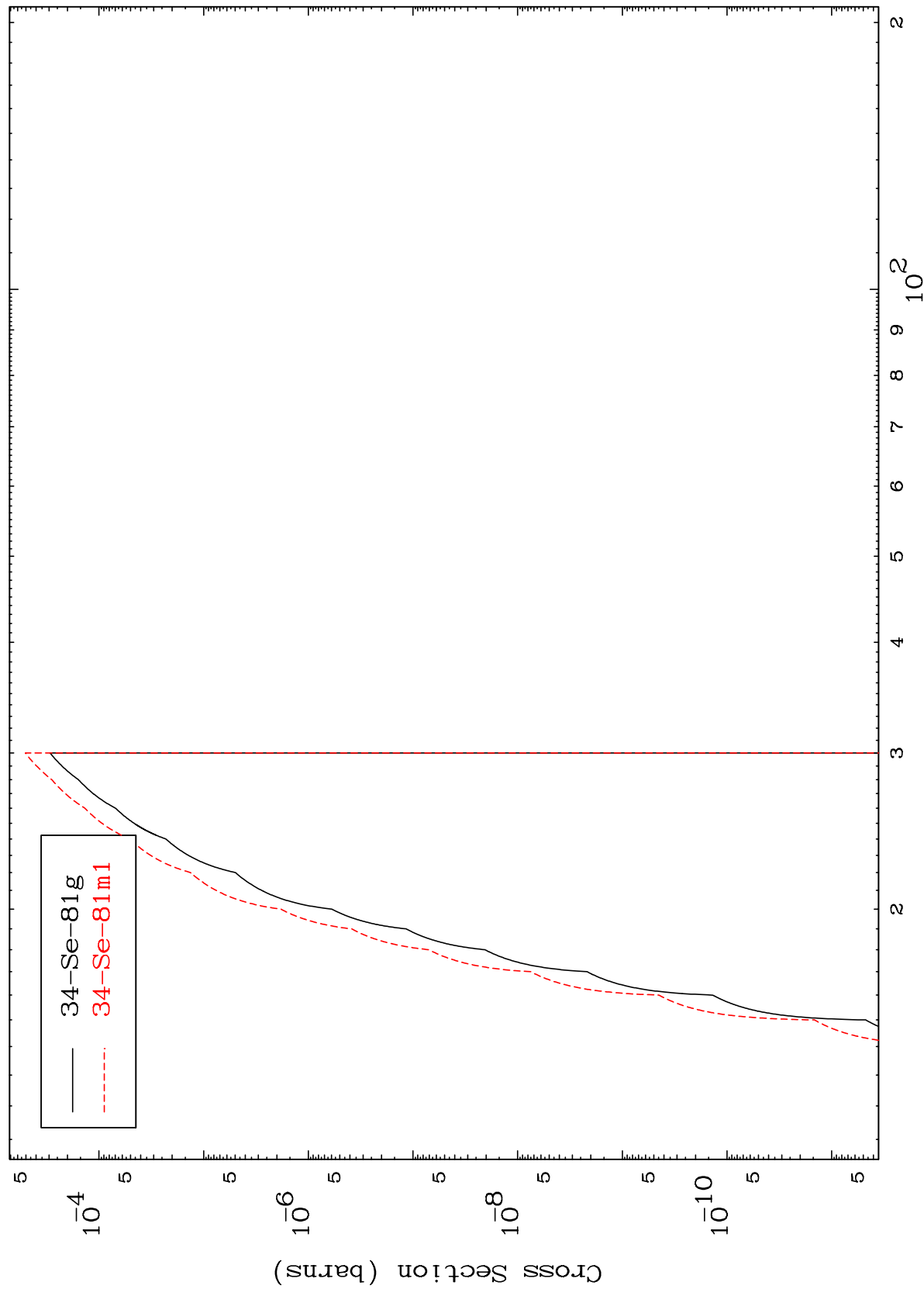
³⁵Br-82

MAT 3534

(n,2n) p

35-Br-82

Radionuclide Production Cross Section



Incident Energy (MeV)

35-Br-82

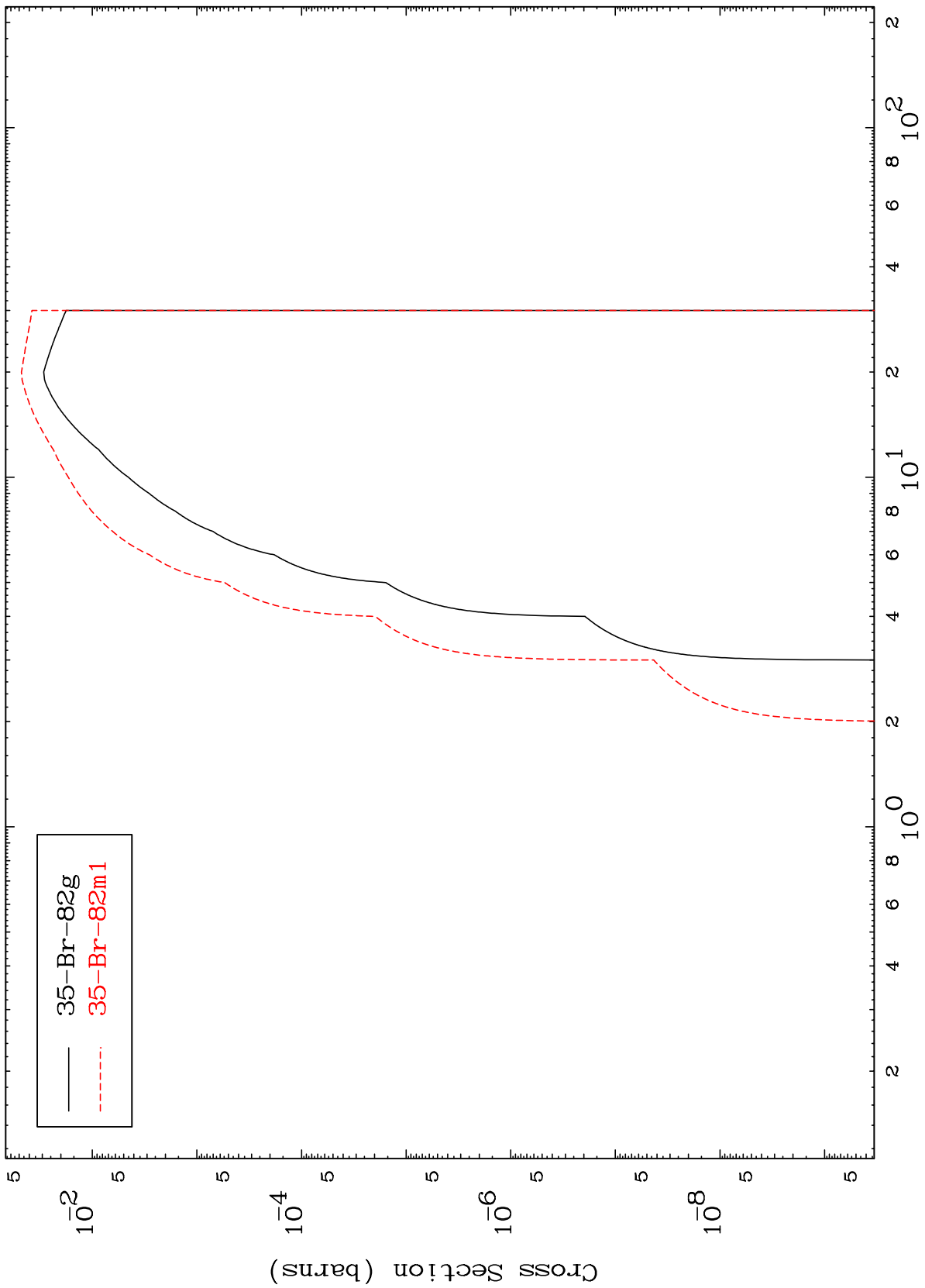
22

MAT 3534

(n,d)

35-Br-82

Radionuclide Production Cross Section



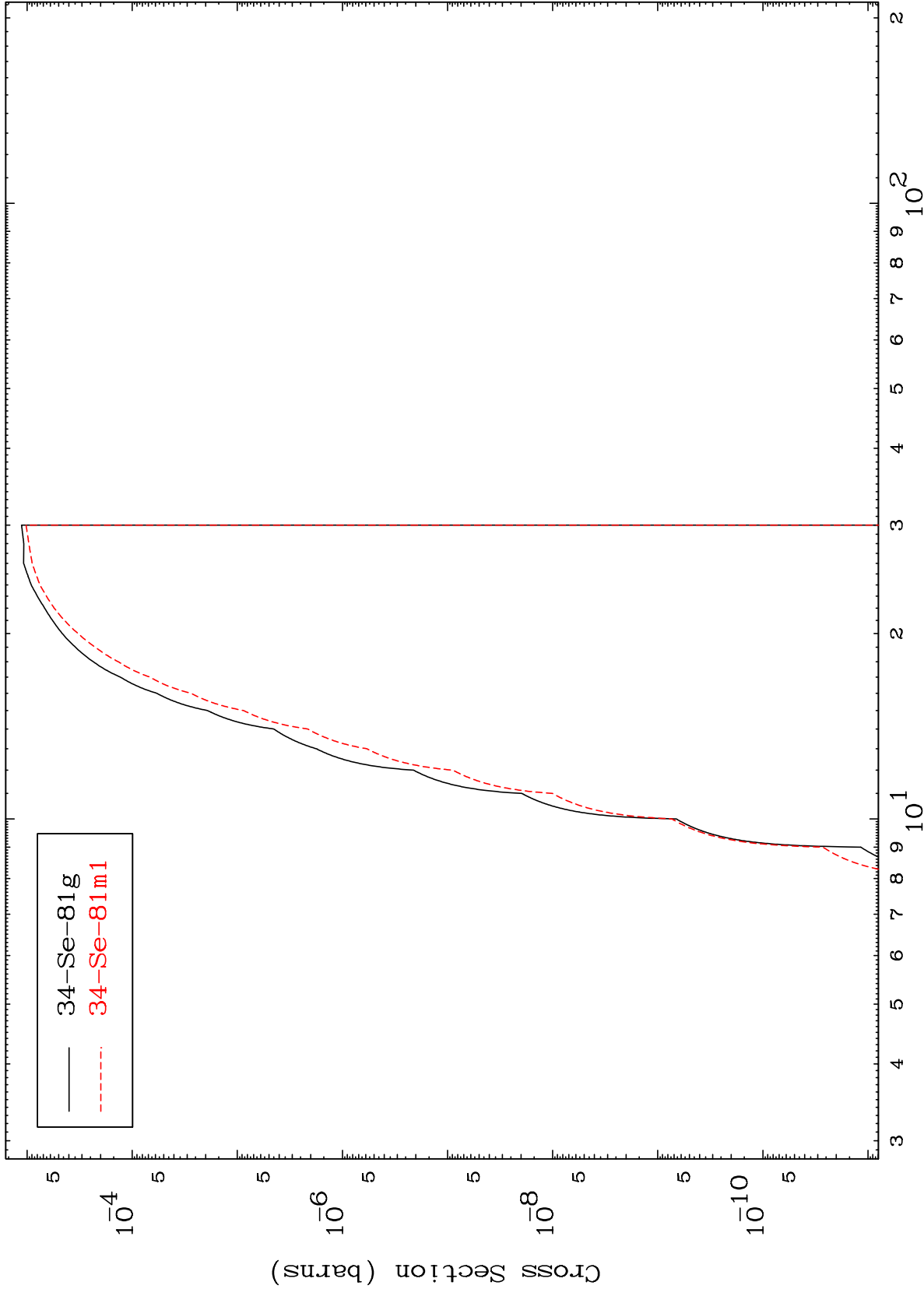
— 35-Br-82g
- - - 35-Br-82m1

MAT 3534

(n,He-3)

35-Br-82

Radionuclide Production Cross Section



— 34-Se-81g
- - - 34-Se-81m1

24

Incident Energy (MeV)

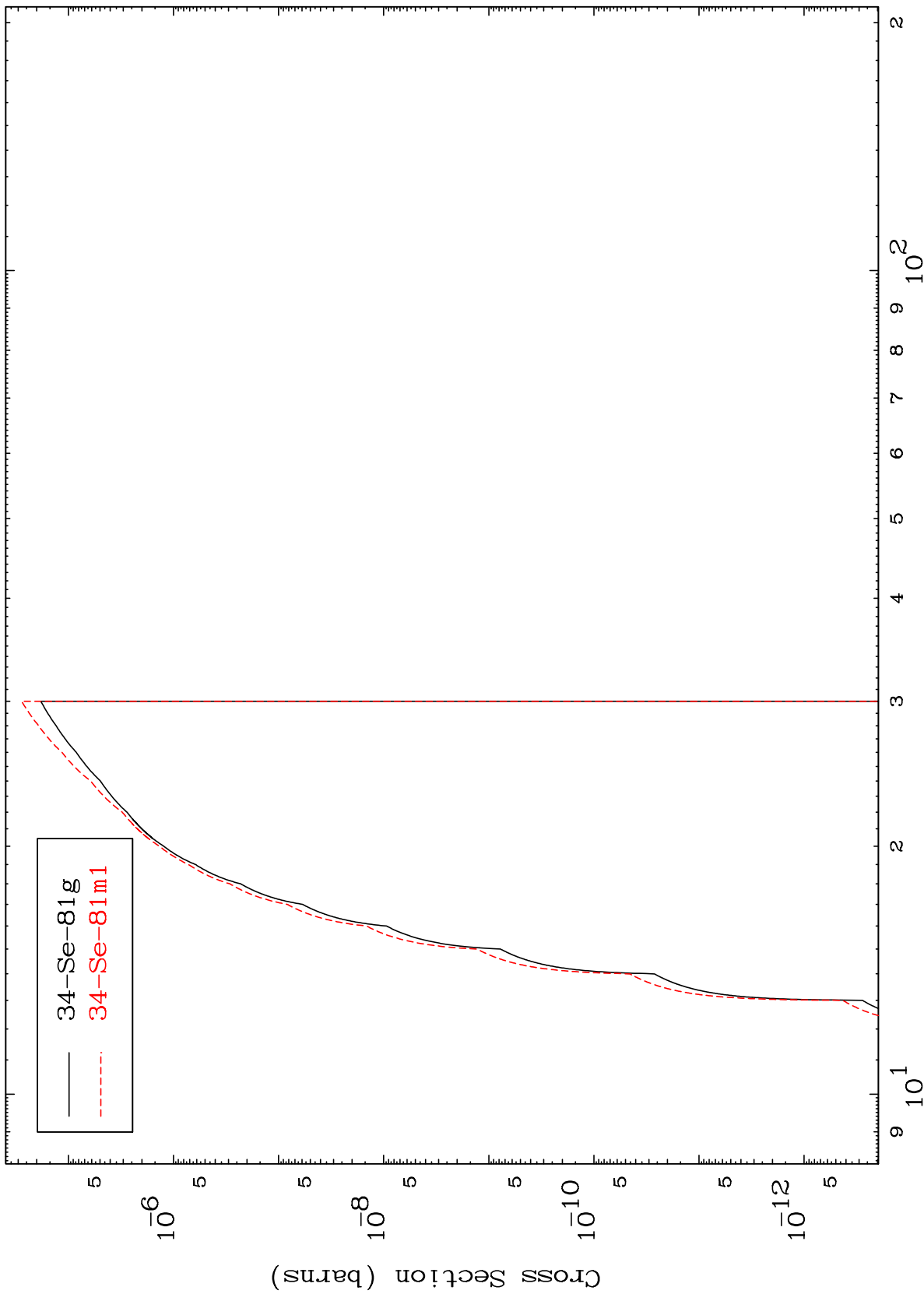
35-Br-82

MAT 3534

(n,p) d

35-Br-82

Radionuclide Production Cross Section



25

Incident Energy (MeV)

35-Br-82