

Program EVALPLOT
(Version 2021-1)

by

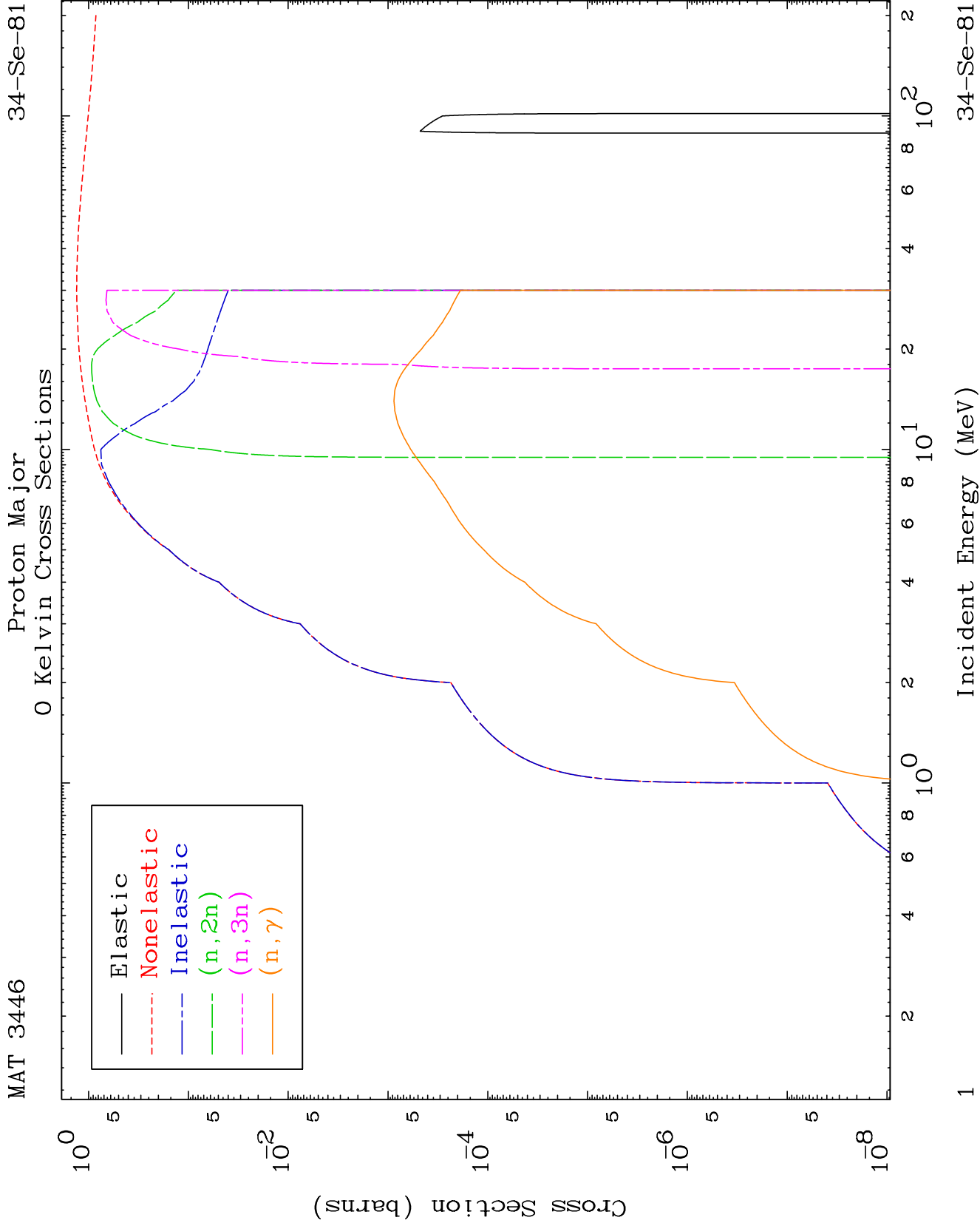
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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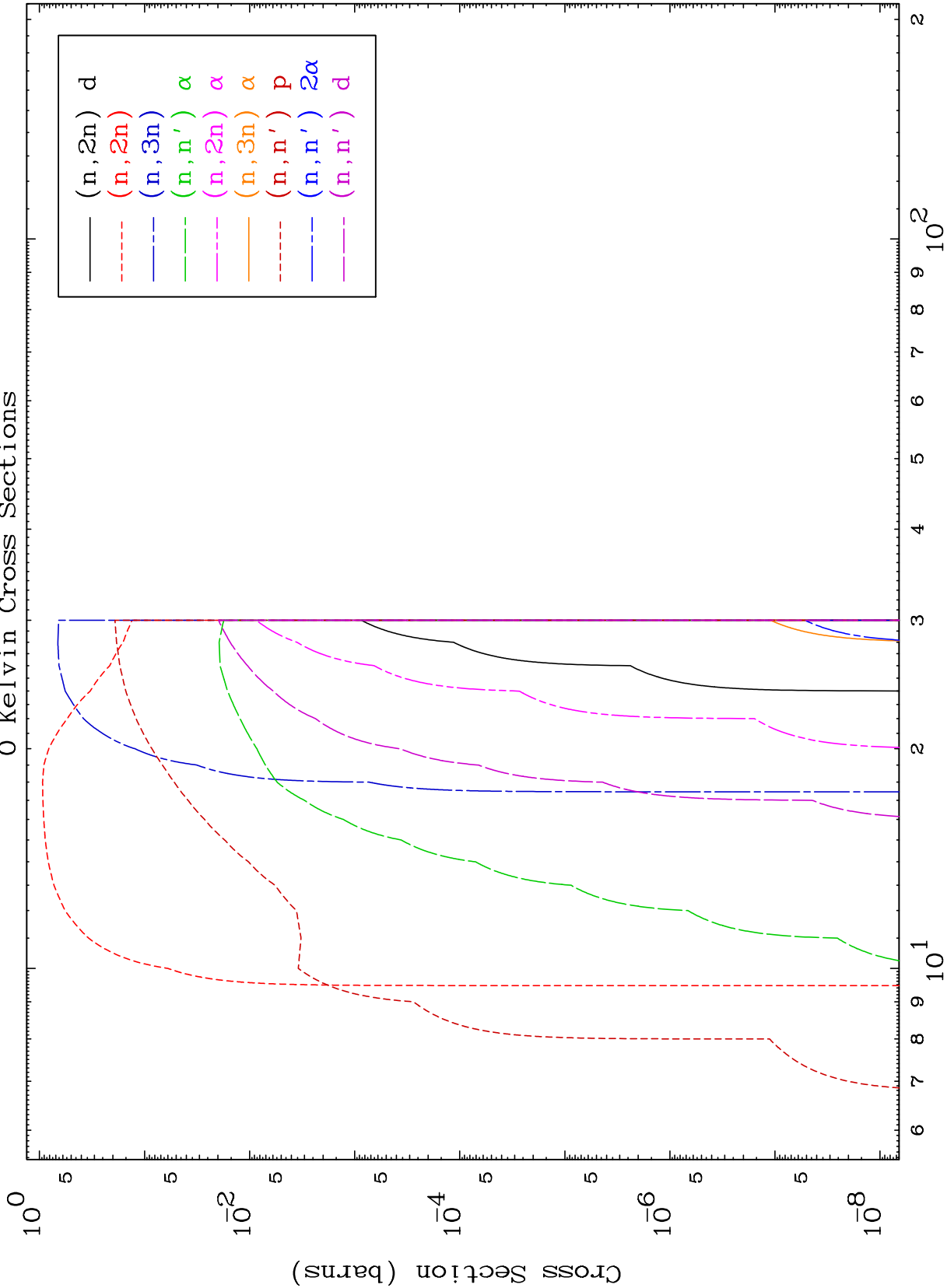
Press Mouse Button to Start



MAT 3446

Proton Neutron Absorption
0 Kelvin Cross Sections

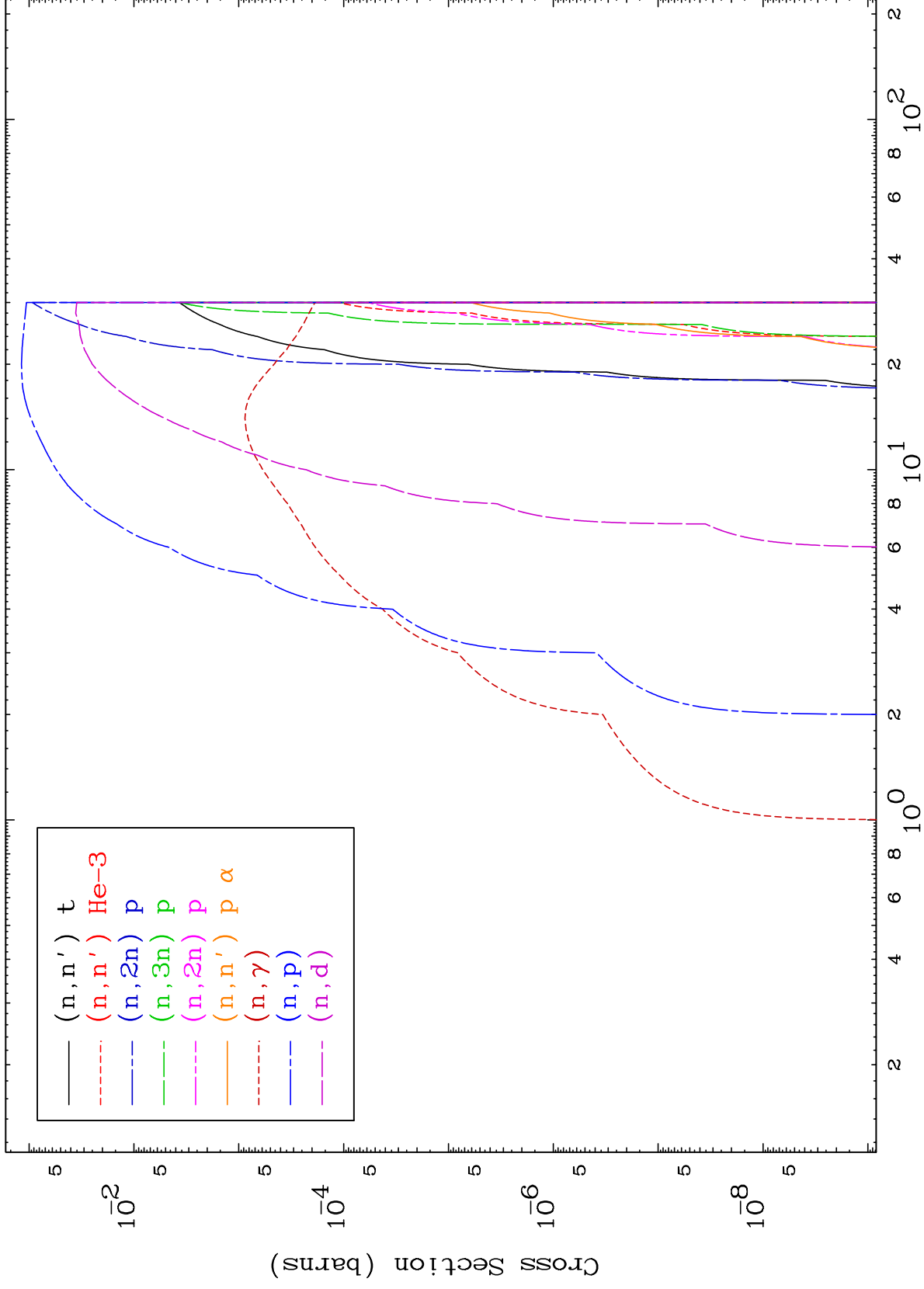
34-Se-81

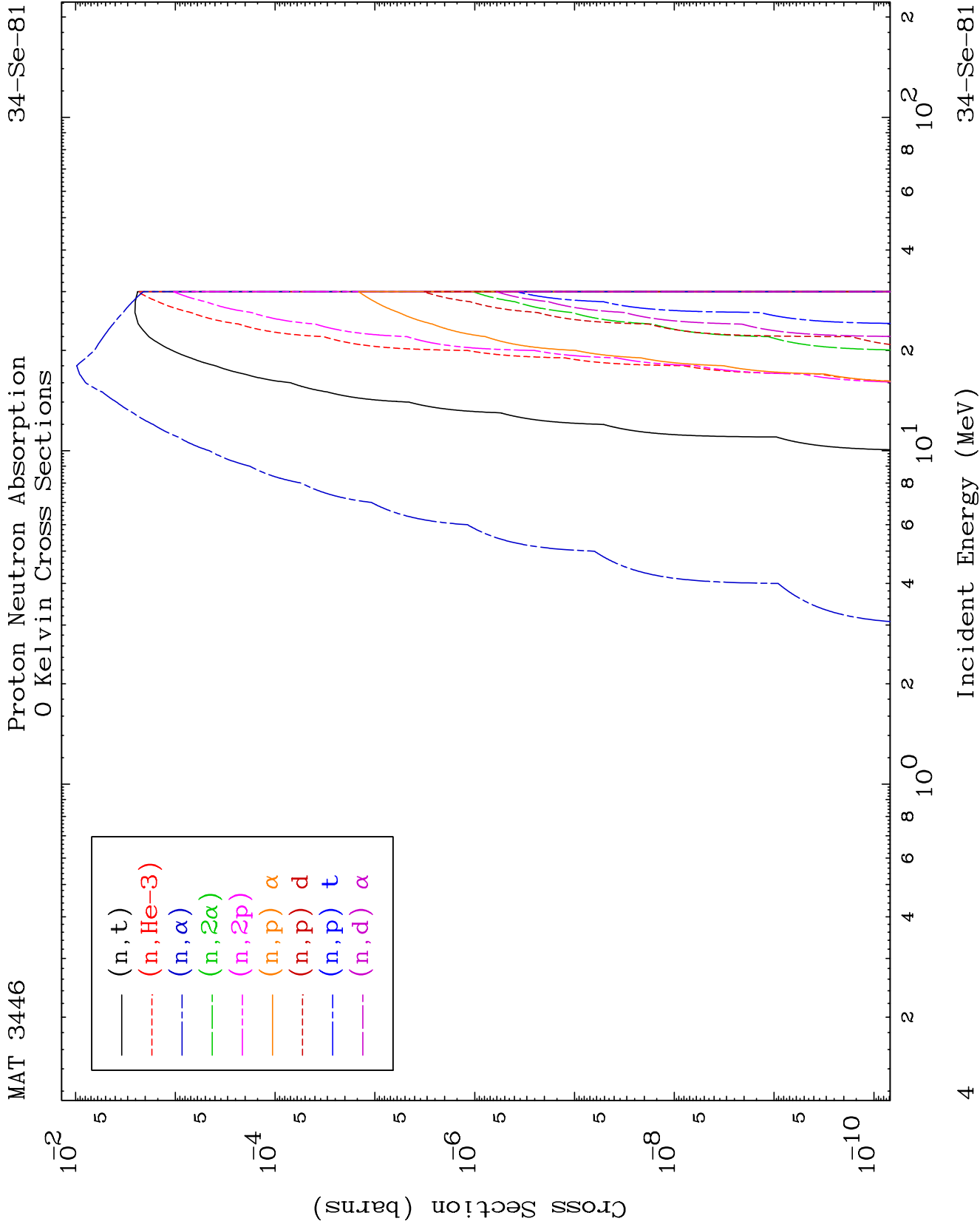


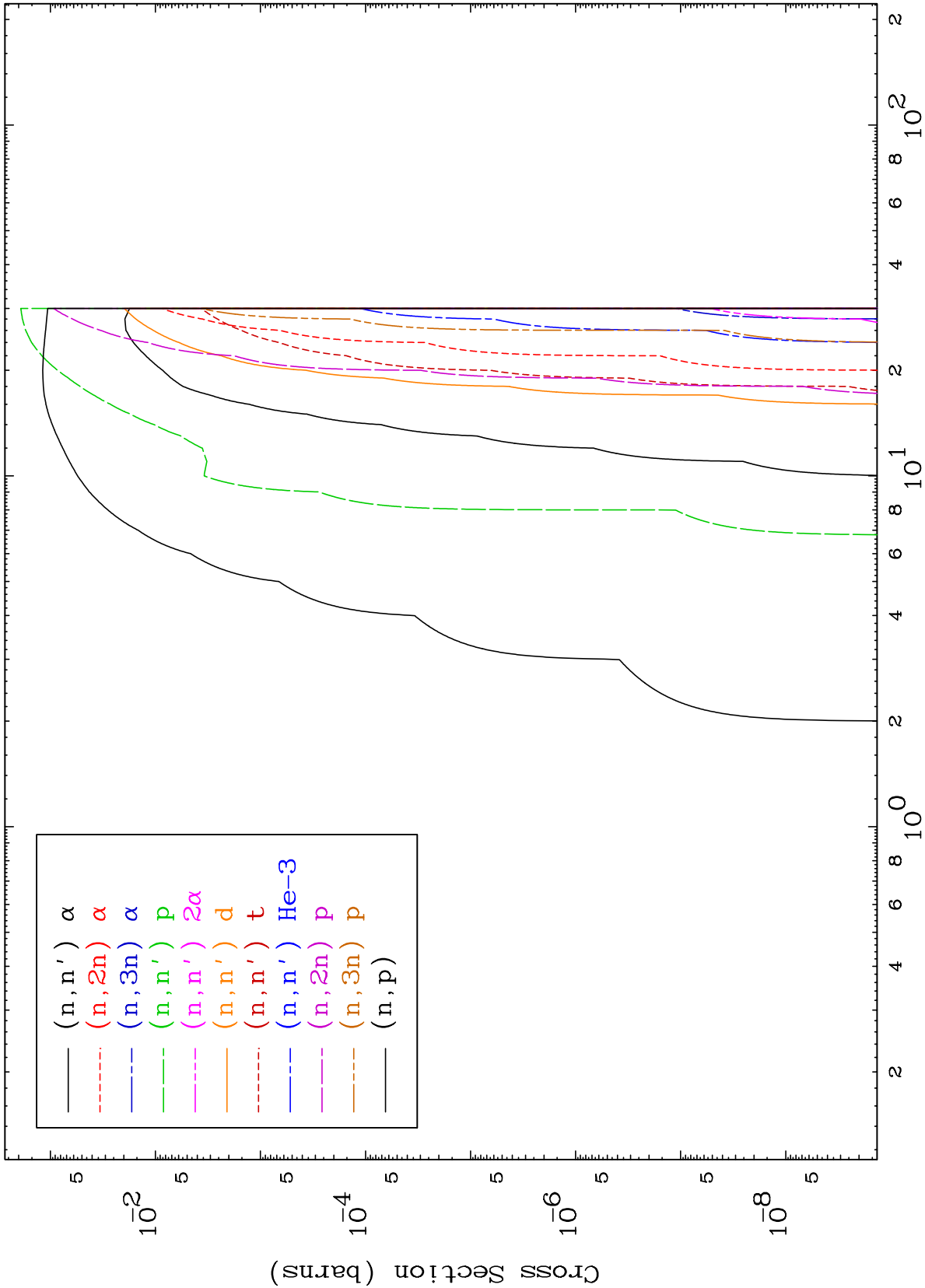
2

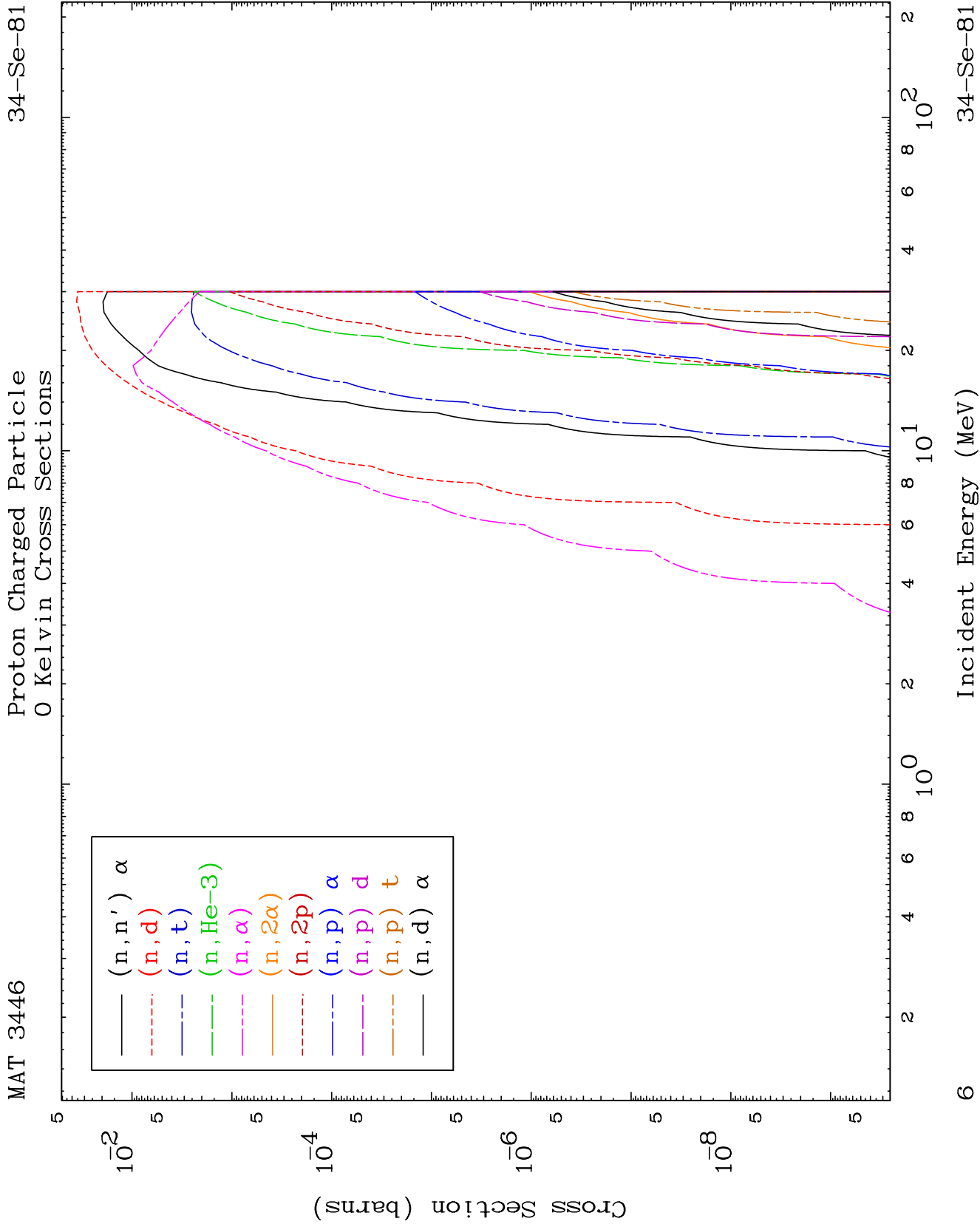
Incident Energy (MeV)

34-Se-81





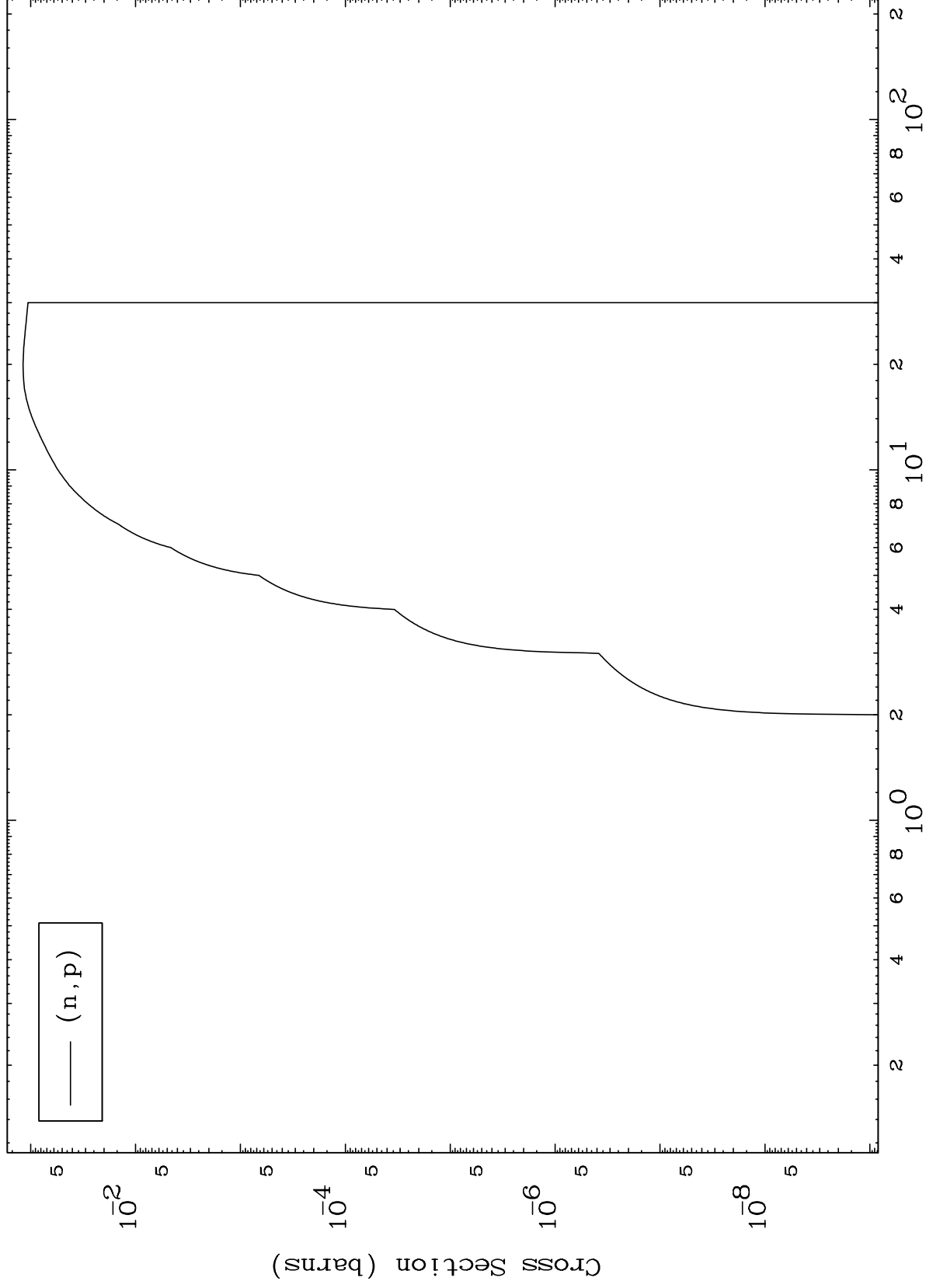




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34-Se-81

(p,p) Levels
0 Kelvin Cross Sections



7

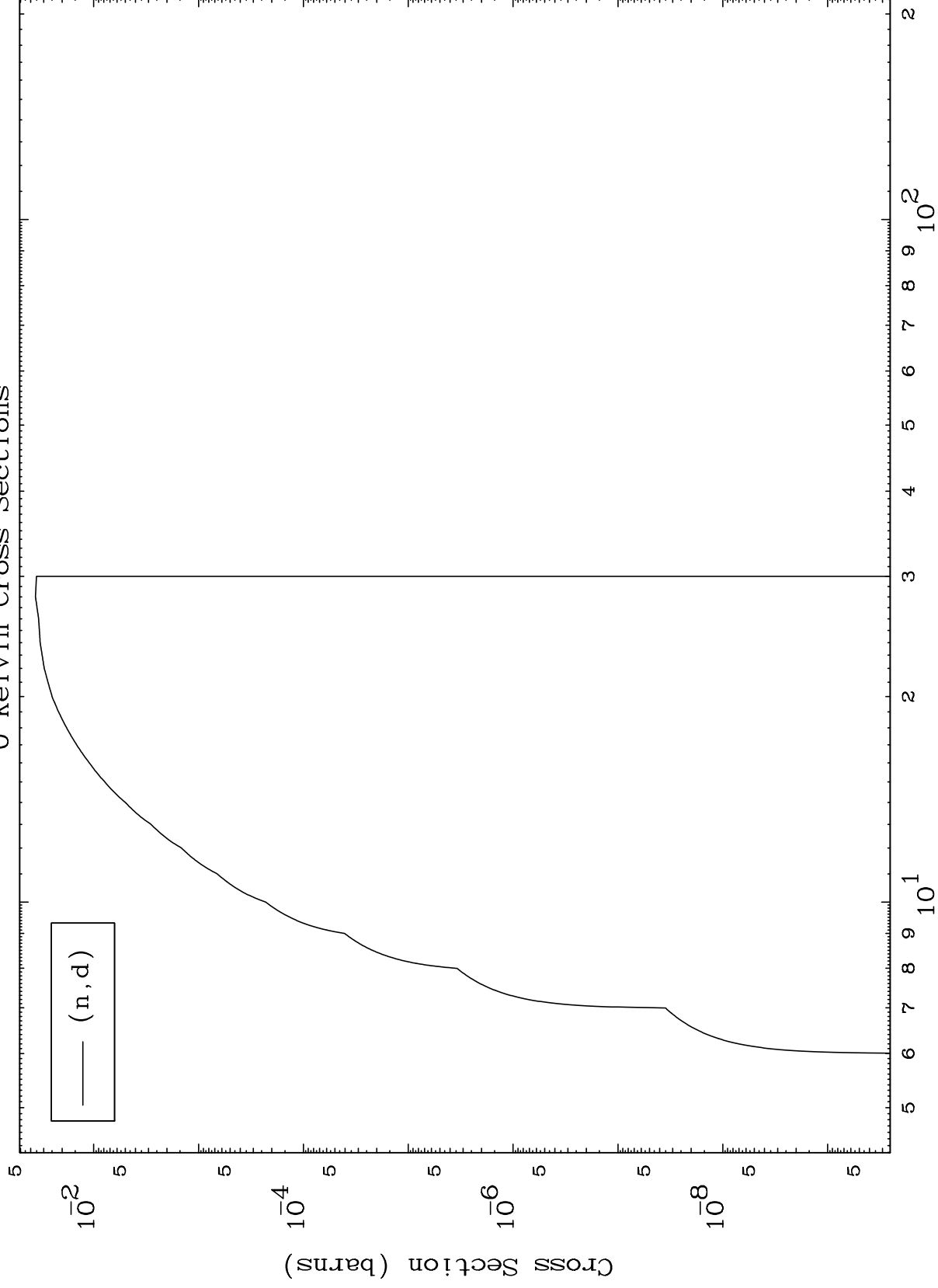
34-Se-81

Incident Energy (MeV)

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34-Se-81

(p,d) Levels
0 Kelvin Cross Sections



8

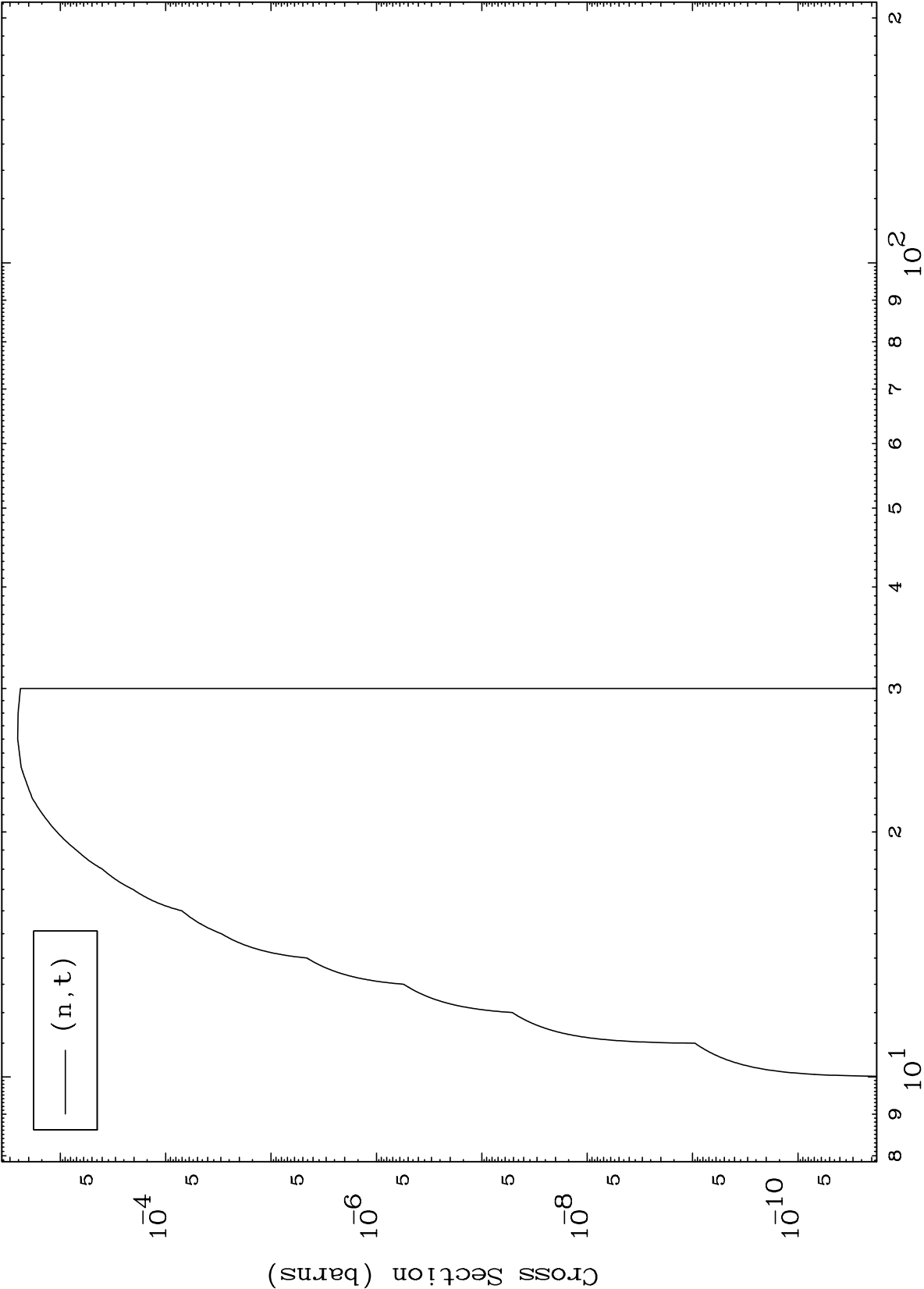
Incident Energy (MeV)

34-Se-81

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34-Se-81

(p,t) Levels
0 Kelvin Cross Sections



Incident Energy (MeV)

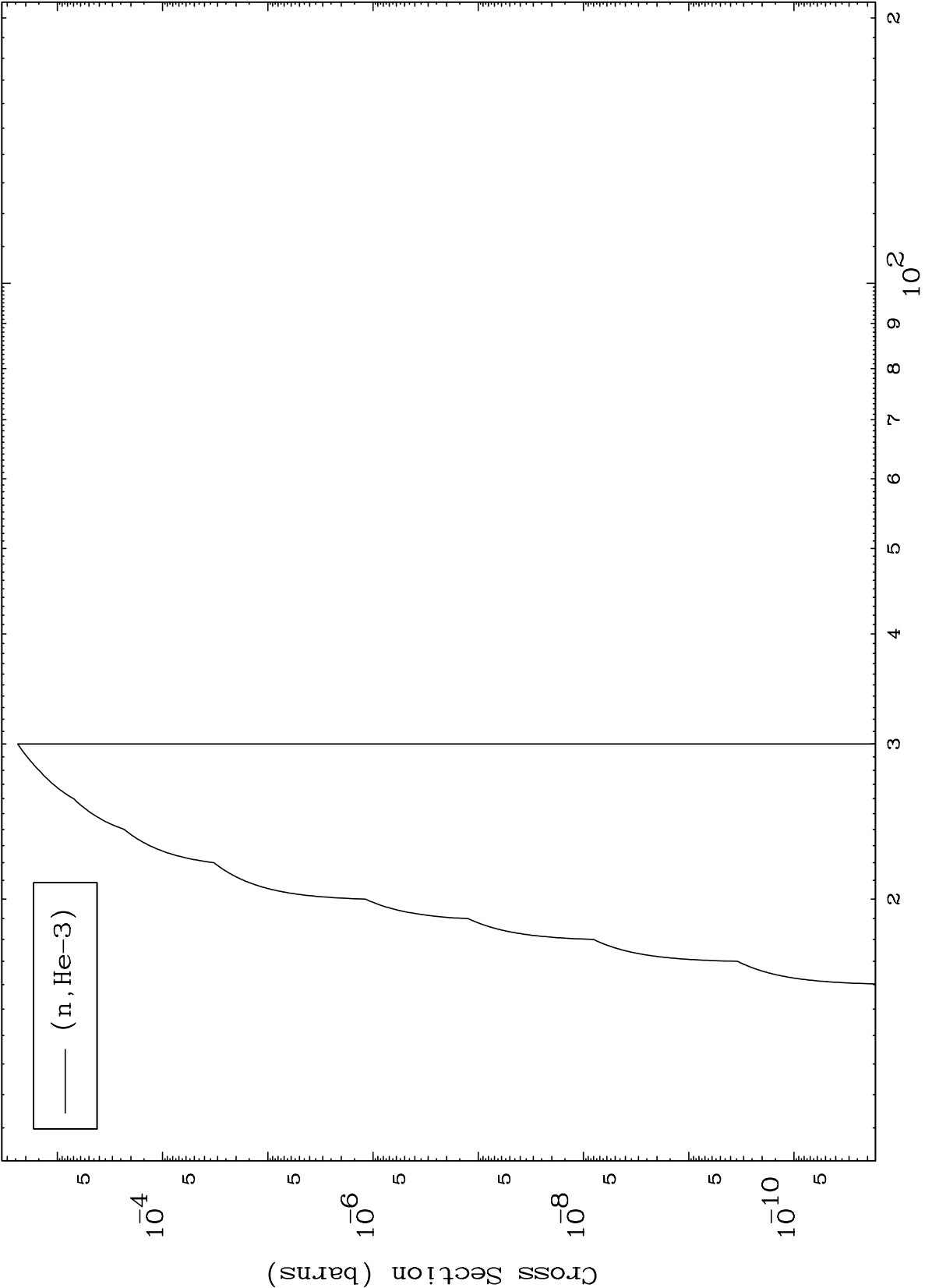
34-Se-81

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(p,He3) Levels

34-Se-81

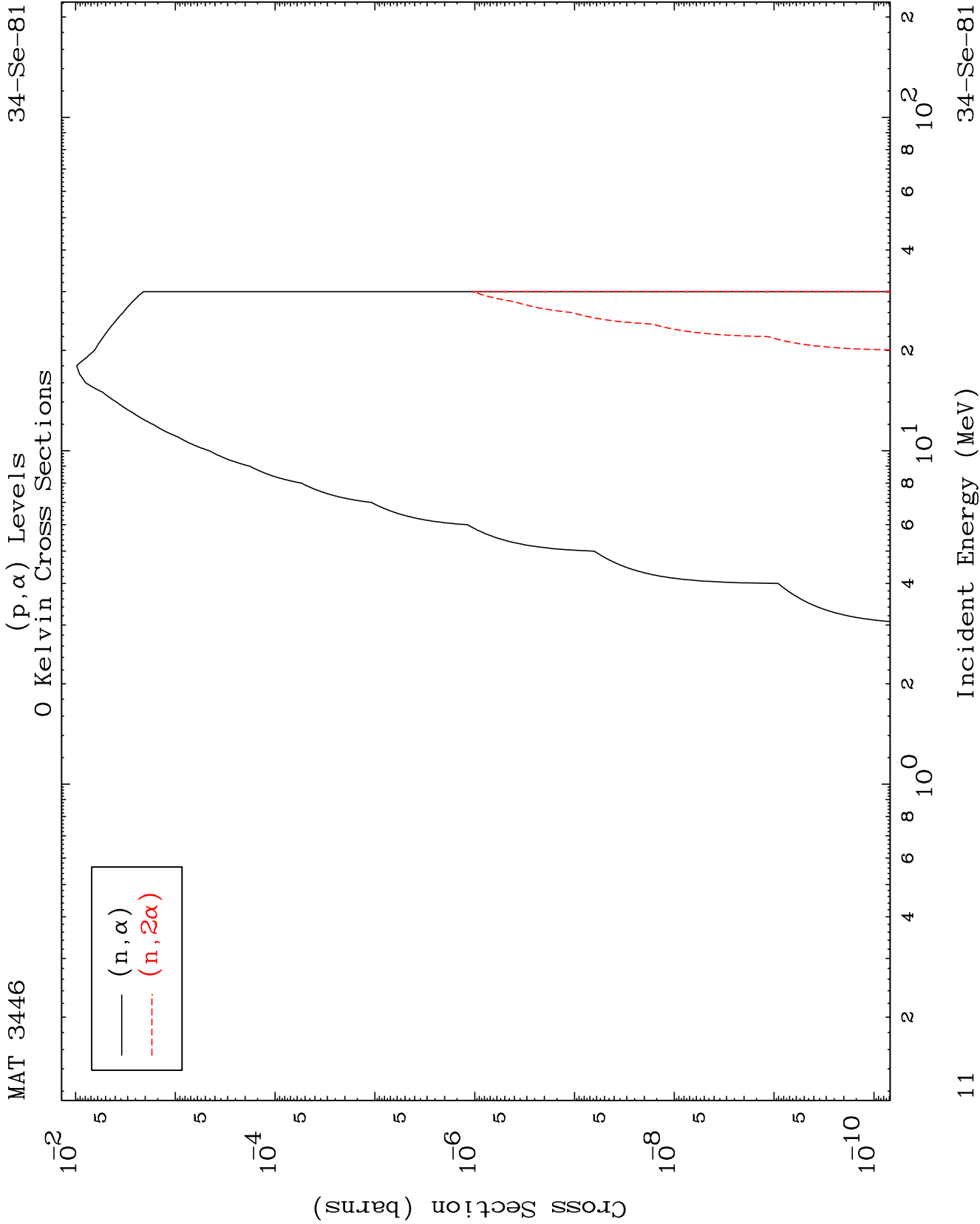
0 Kelvin Cross Sections

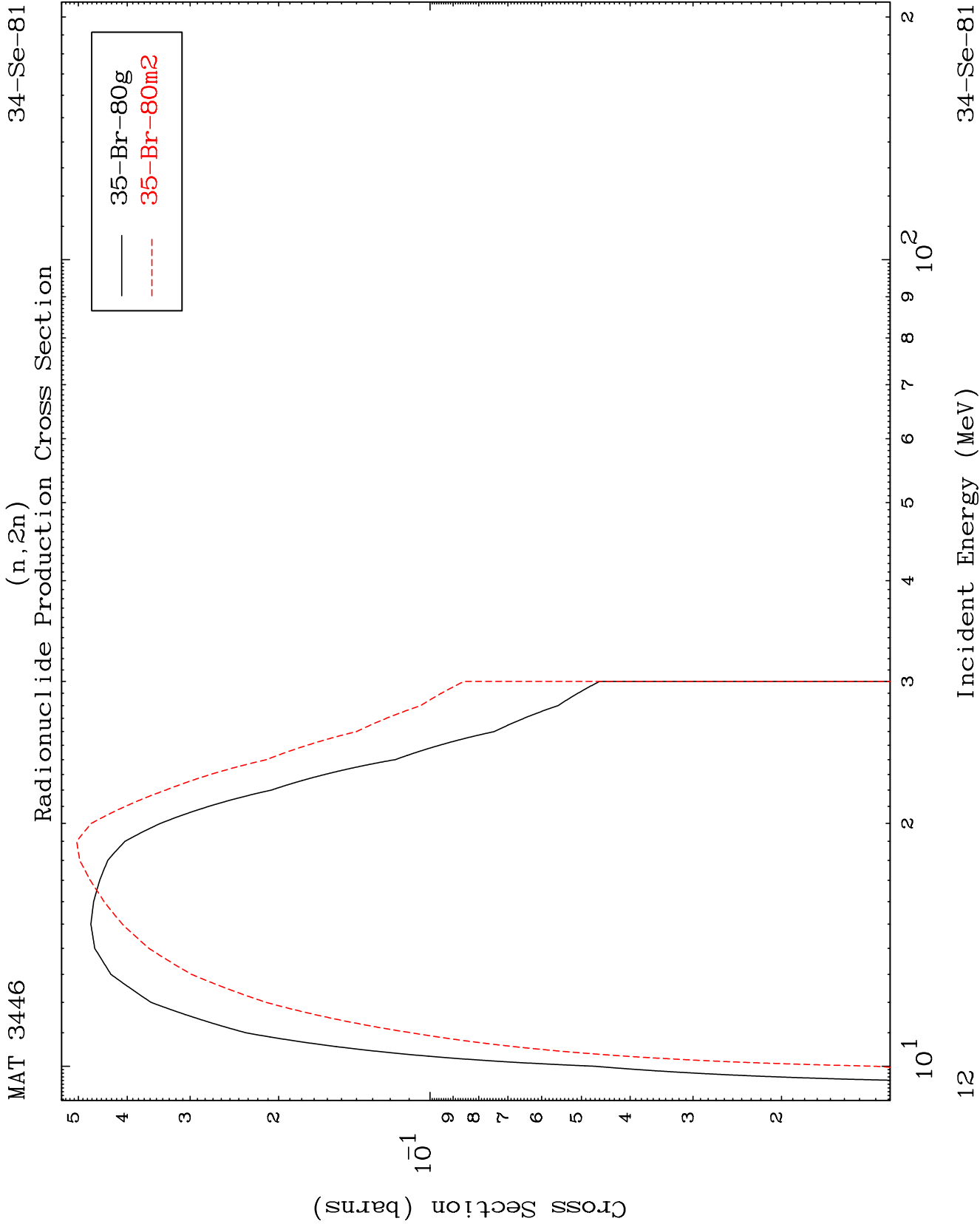


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Incident Energy (MeV)

34-Se-81

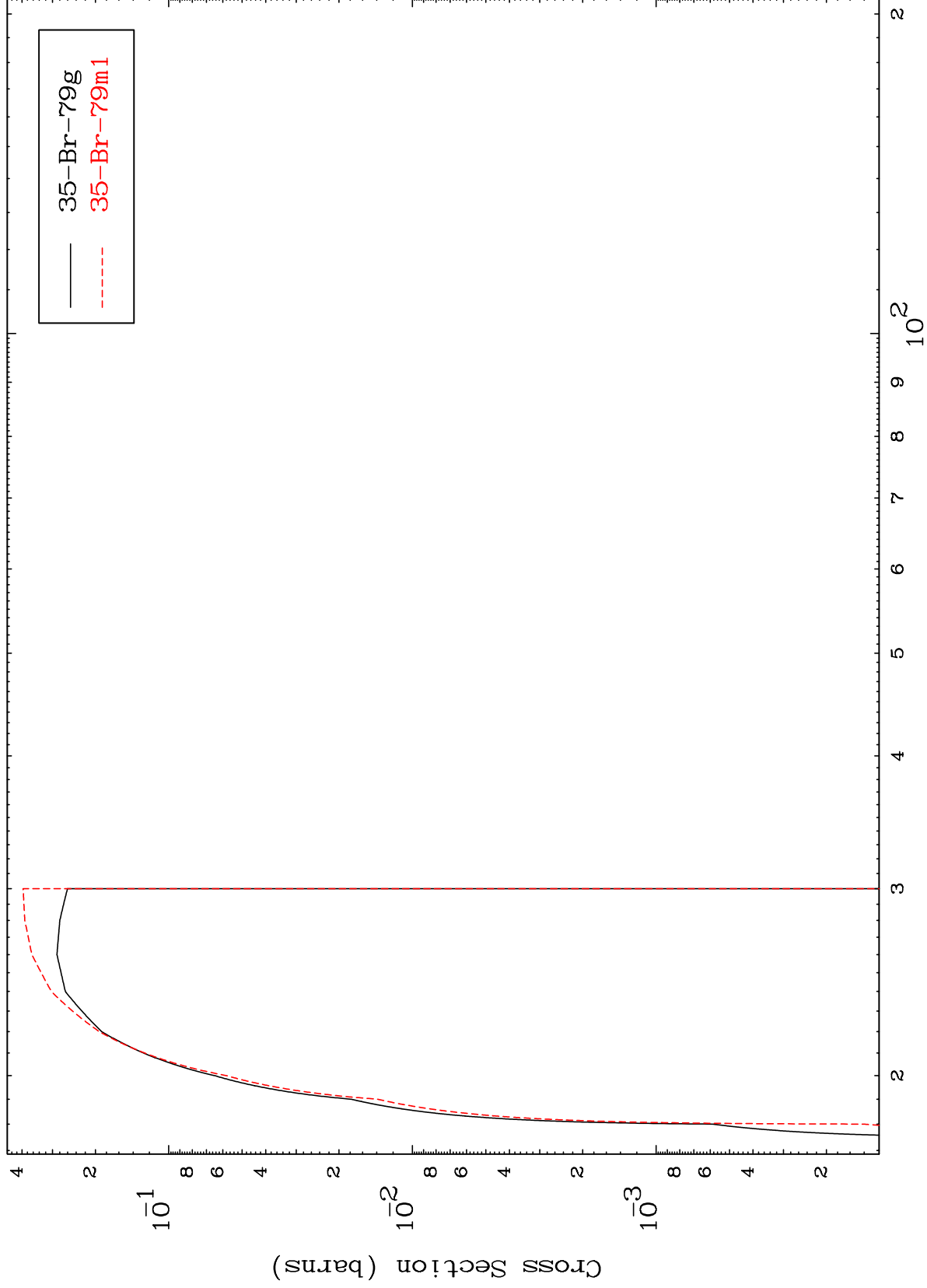




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34-Se-81

(n,3n)
Radionuclide Production Cross Section

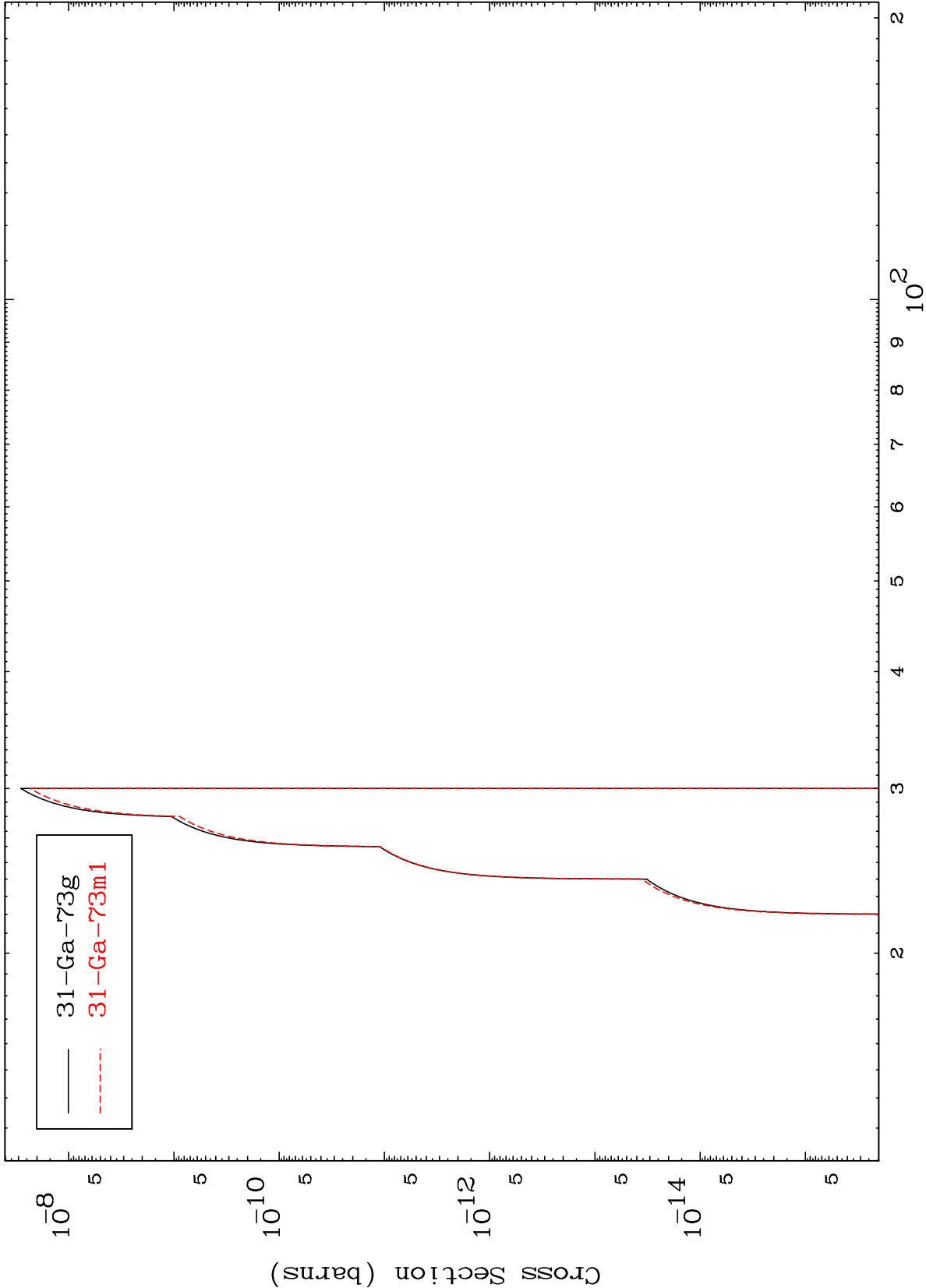


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Incident Energy (MeV)

34-Se-81

(n,n') 2α
Radionuclide Production Cross Section

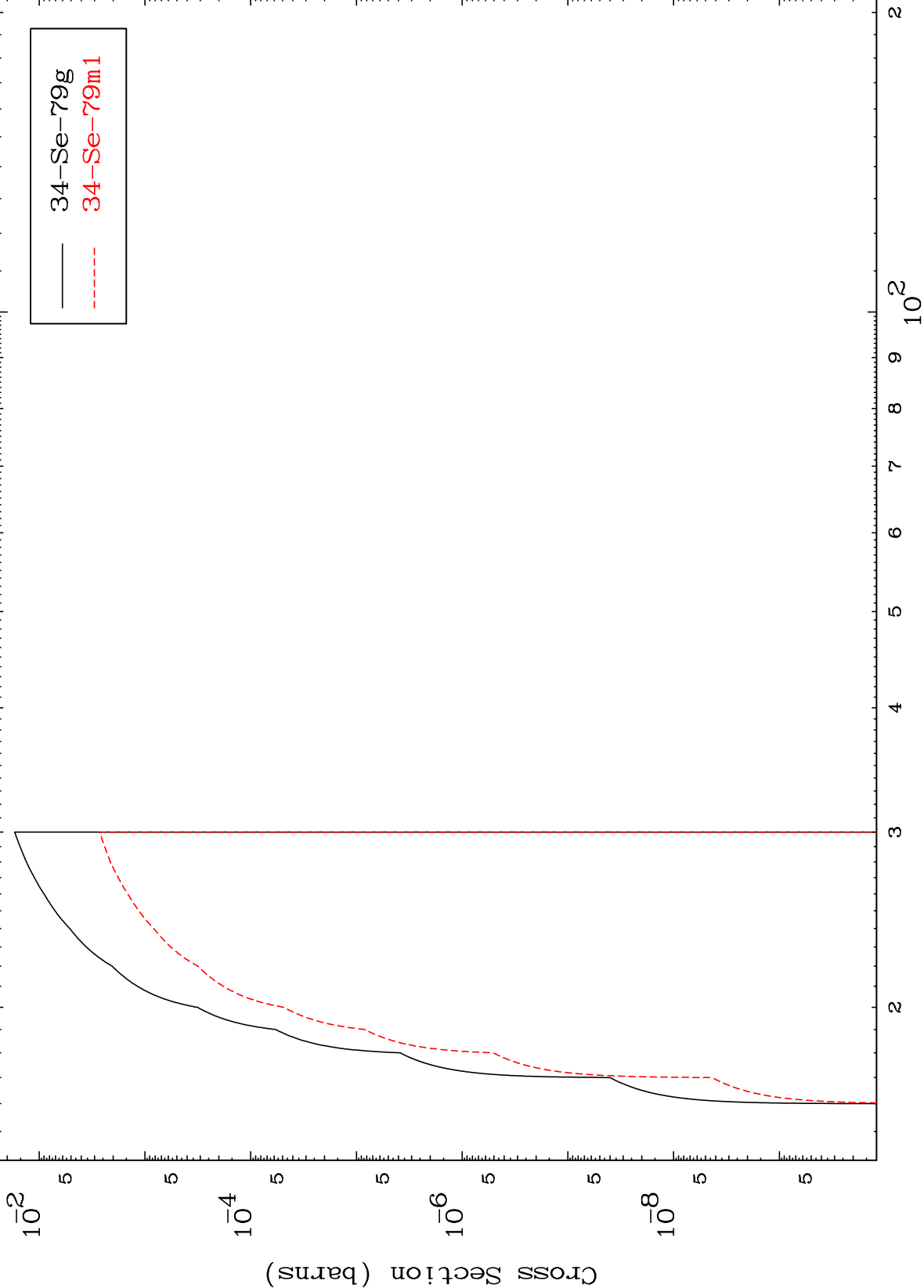


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(n,n') d

³⁴Se-81

Radionuclide Production Cross Section



15

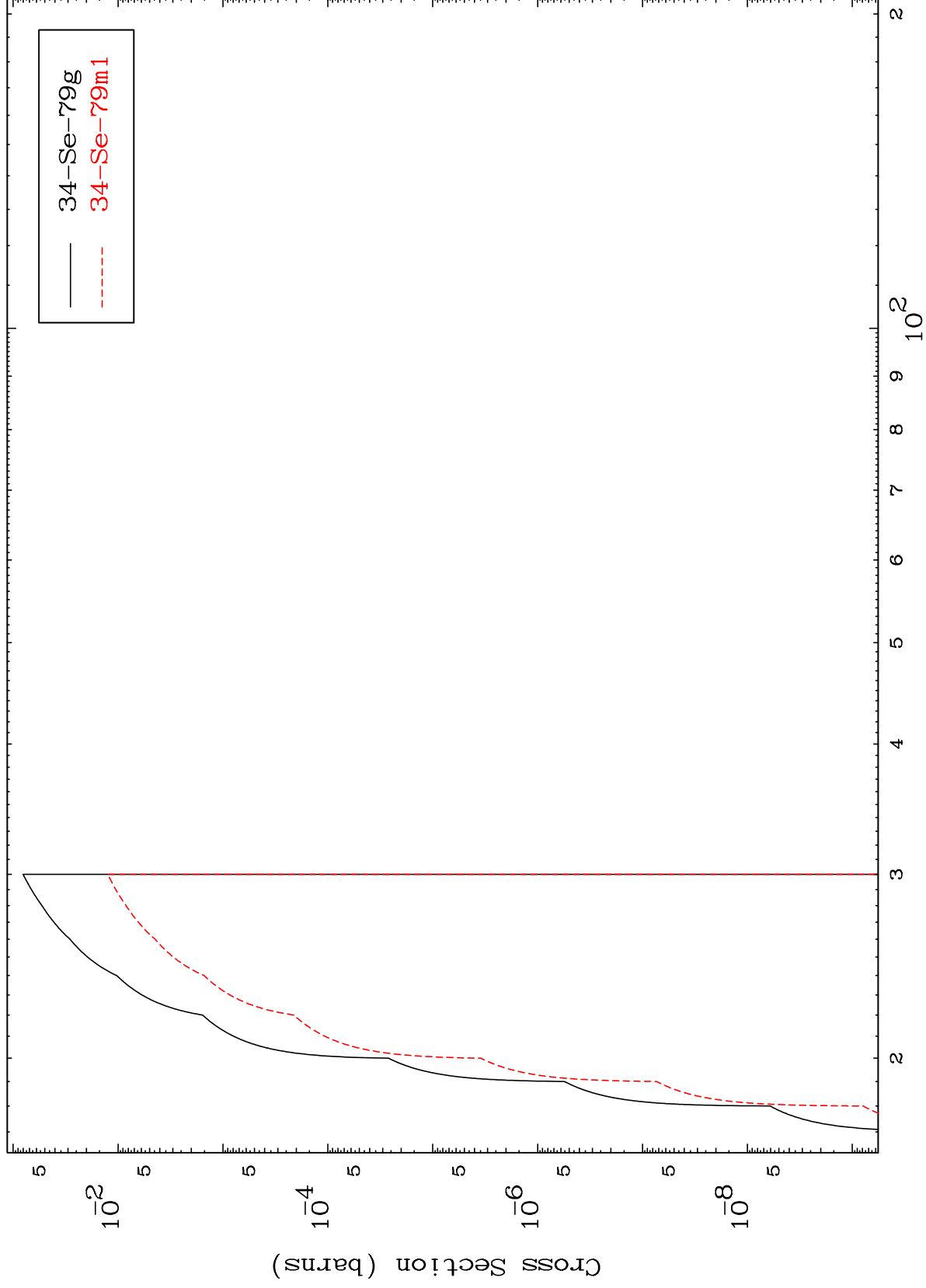
Incident Energy (MeV)

³⁴Se-81

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³⁴Se-81

(n,2n) p
Radionuclide Production Cross Section



³⁴Se-81

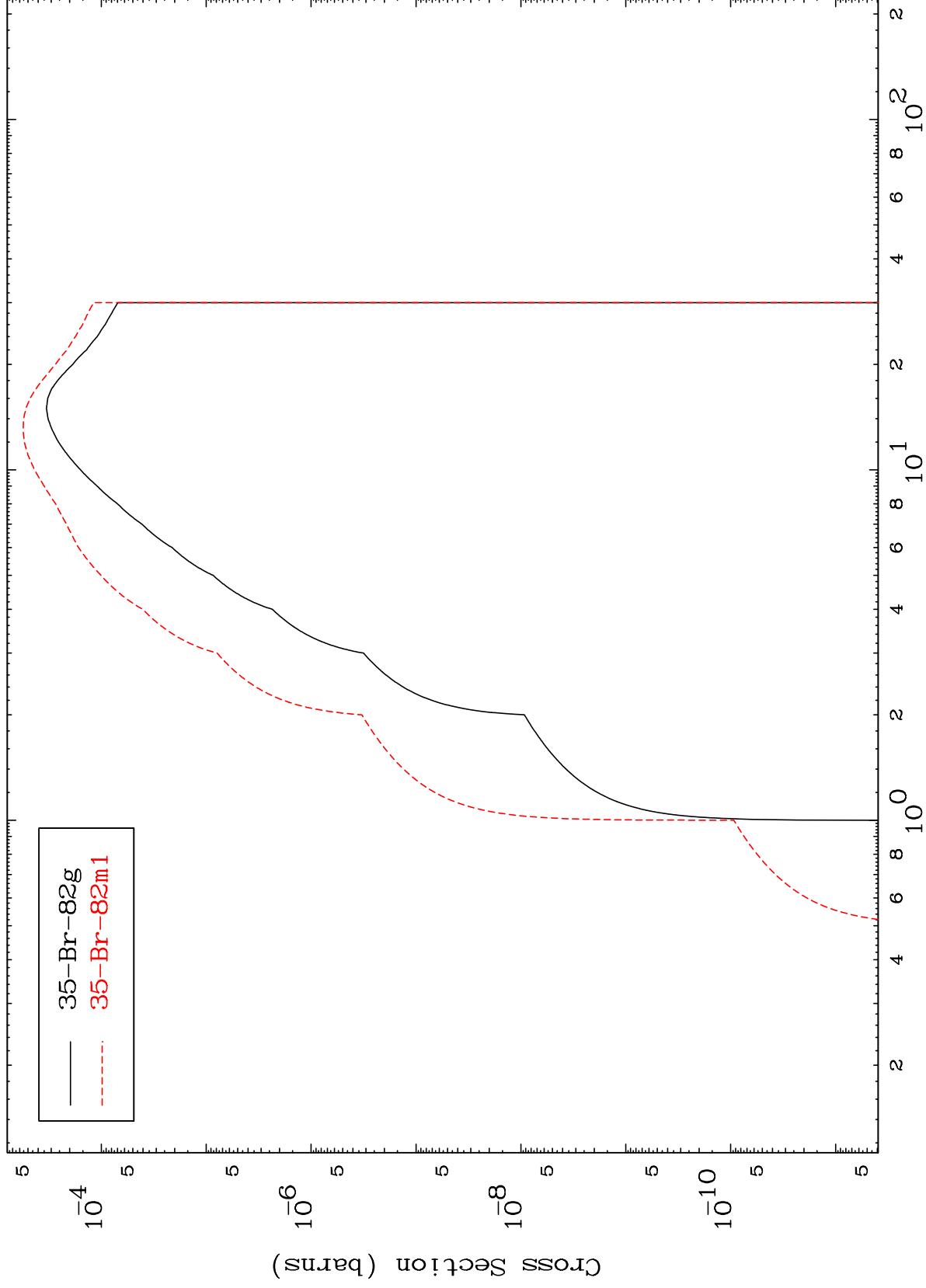
Incident Energy (MeV)

16

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34-Se-81

Radionuclide Production Cross Section
(n, γ)



17

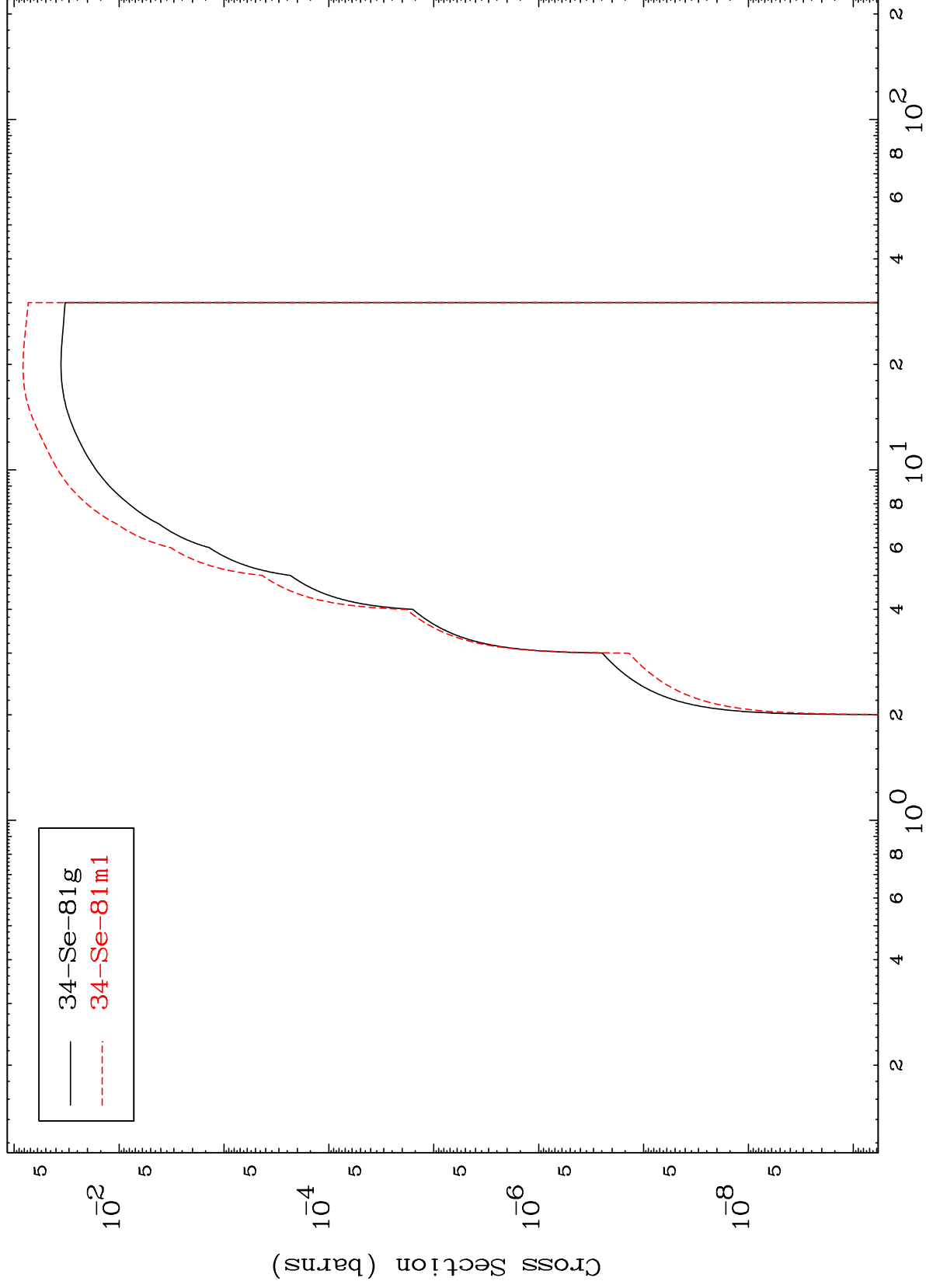
Incident Energy (MeV)

34-Se-81

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34-Se-81

(n,p)
Radionuclide Production Cross Section



18

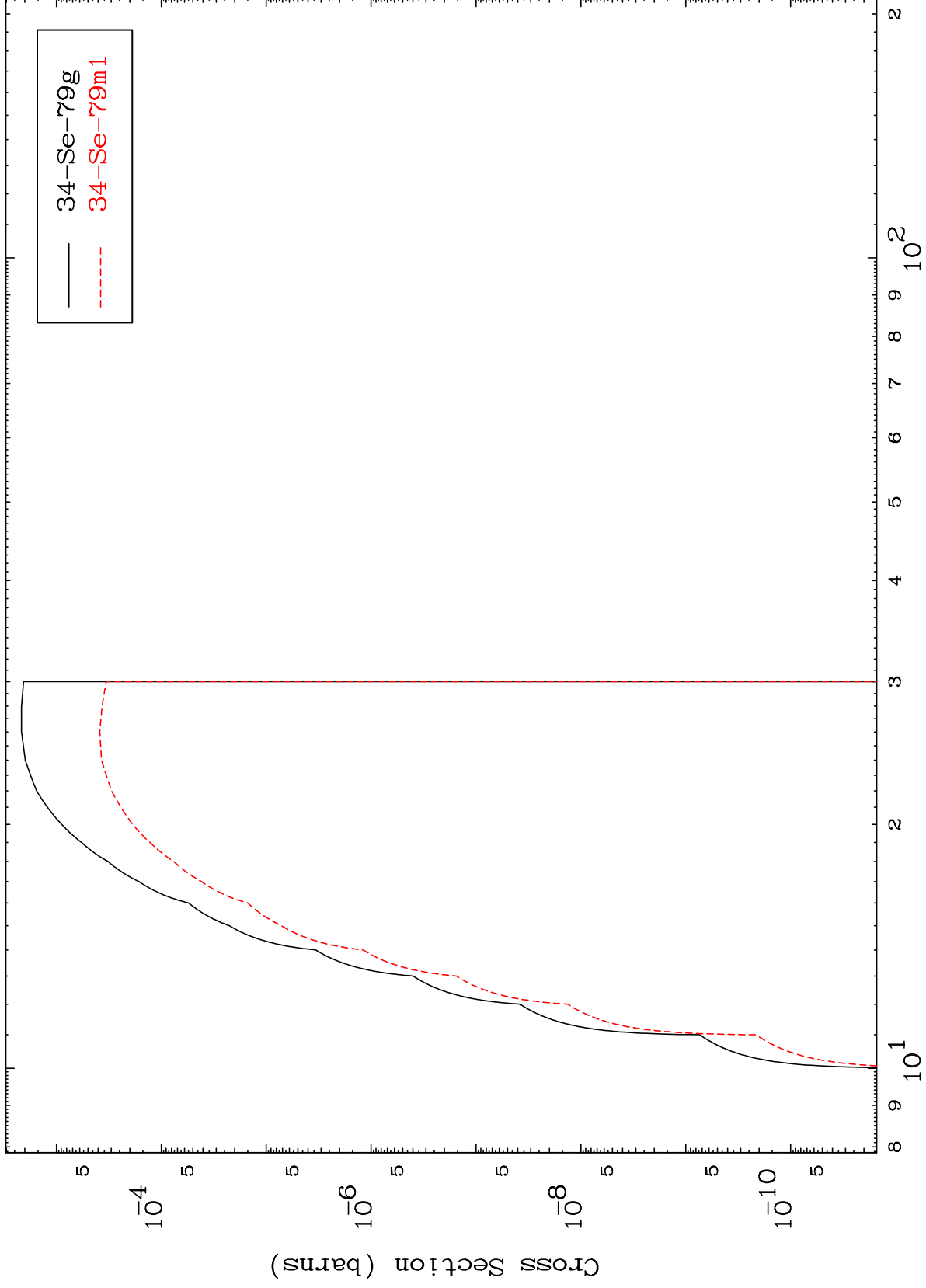
Incident Energy (MeV)

34-Se-81

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34-Se-81

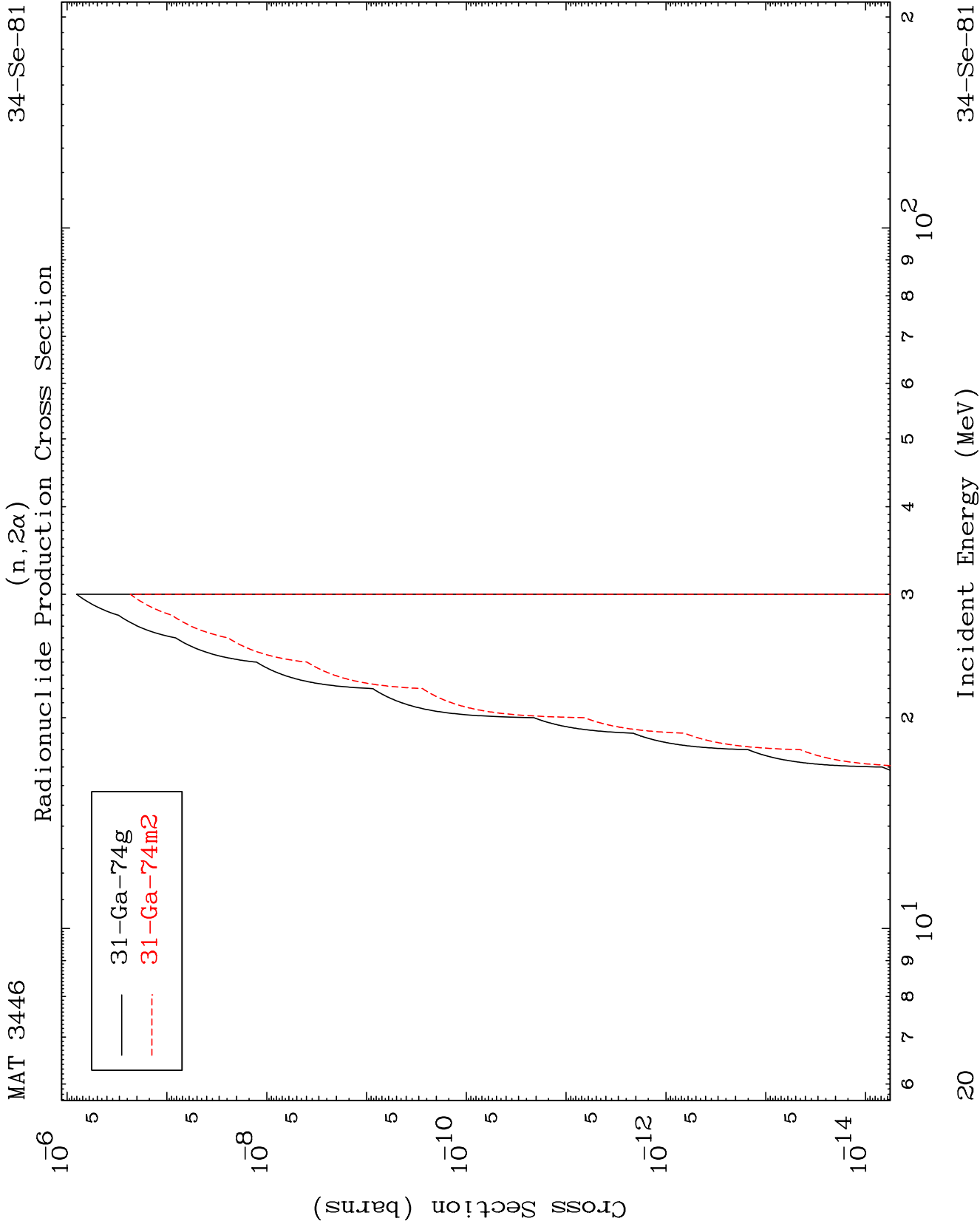
(n,t)
Radionuclide Production Cross Section



34-Se-81

Incident Energy (MeV)

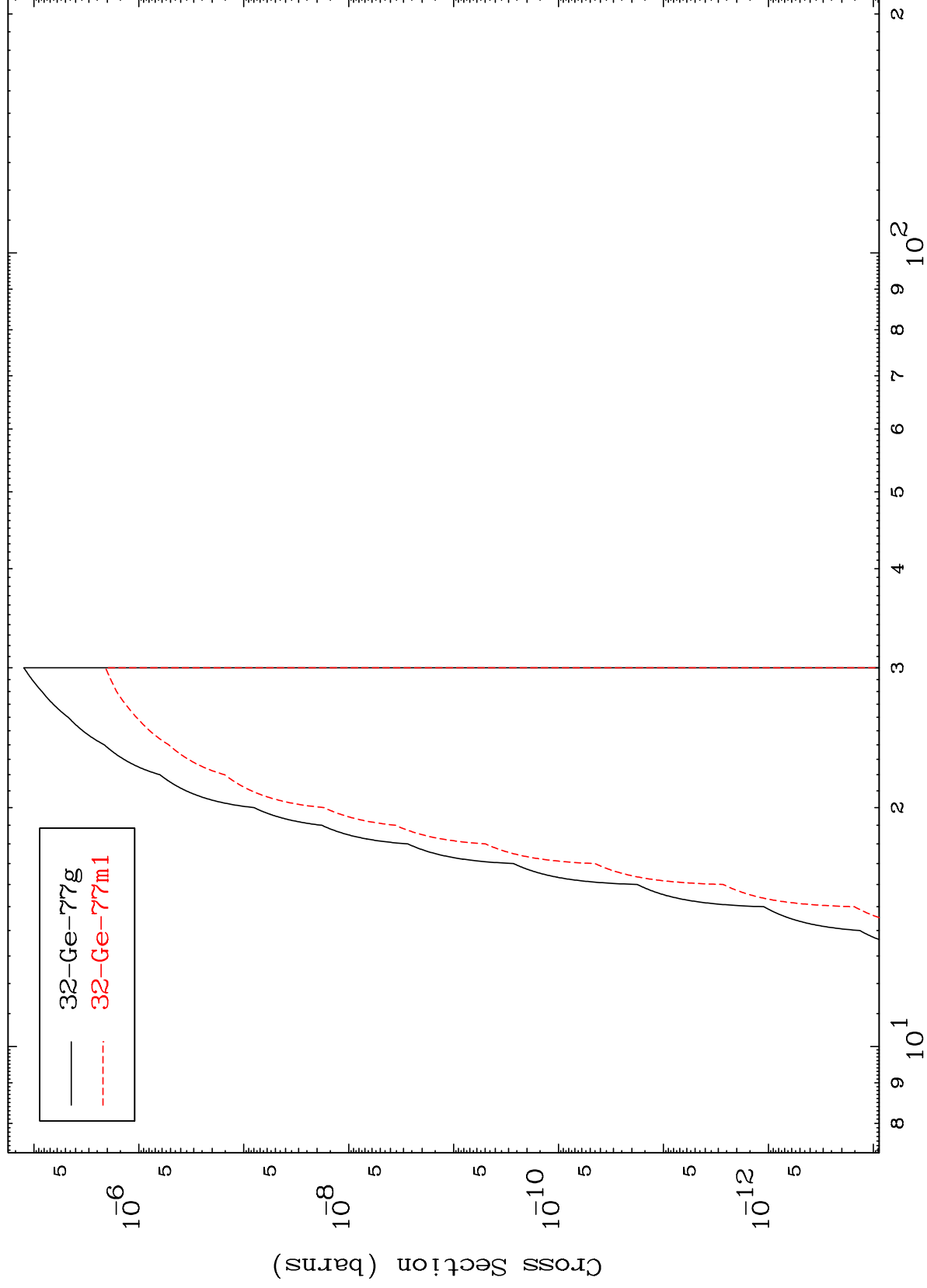
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$^{34}\text{Se-81}$

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



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$^{34}\text{Se-81}$